



We create with passion



1st manufacturer of firefighting equipment in France

USA

C A T A L O G



POK CHALLENGER OFFICIAL NOZZLE

The Challenger nozzle was specifically designed with the rugged action of the Firefighter Combat Challenge in mind. The combat challenge is an event that not only challenges the best in our American heroes but also vigorously tests the equipment for strenuous use (that would normally take a department years of service to bear the same usage).

During one event, the Challenger nozzle must be used to hit a target under pressure, in which the nozzle is repeatedly dragged and dropped for several hours. This is the exact reason why POK was asked to design and develop the official nozzle for the event. POK nozzles are known to withstand strenuous conditions without failure.

The Challenger nozzle is made in heat-treated aluminium alloy, with an ergonomic silicone pistol grip, and has a 1/2" inch smooth bore tip. Many fire departments throughout the nation have chosen this nozzle as the standard among their primary attack nozzles.



POK SAS - ZI les Guignons - 10400 Nogent-sur-Seine - FRANCE

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Company Mission and History

Founded in 1976, POK designs, develops and manufactures state-of-the-art firefighting equipment using the finest materials available. Our deep-rooted passion for continuous improvement has led us to become an industry leader in France, something we are very proud of.

Headquartered in Nogent-sur-Seine, France, POK is a family owned and operated business. POK reinvests its profits in all areas of the business – in production tools, cutting-edge CNC machines, research and development, and our employees - which has earned us the respect and satisfaction of clients in more than 90 countries worldwide.

POK is expanding to serve the North American market. Our products are above standard, and we ask you to see for yourself. Our moral commitment to firefighters and communities, who depend on our products, motivates our creativity and unparalleled technical excellence. The result is this product line, which you will come to trust and rely-on, to do your job safely and efficiently. We create with passion...

Alexandra Grandpierre, PhD
Managing Director

Download an electronic version from our website www.pok.fr.
Electronic files on our website are updated as new information becomes available and therefore will be more current than hard copy versions. You will also find certificates, approvals and technical documentation, as well as many videos demonstrating our equipment in use.

We sell our products through appointed distributors in many countries. This is an advantage for the end user as they are acquainted with local customs, often as a result of specific construction techniques of the assets requiring protection. Distributors have local knowledge of fire and rescue departments and can speak the language ensuring that as authorized service agents, they can maintain and service equipment correctly.

To find an authorized dealer near you, go to our website - www.pok.fr. However, you can contact us directly, in English, French, German, Spanish, Italian, Portuguese, Russian, and at our office in Beijing, in Chinese.

The information, specifications and performances of the products are not contractual and can be changed at any time depending on technical and technological developments.



Hand nozzles

Page 9

Wildland equipment

Page 63

Monitors

Page 75

Outlet equipment

Page 139

Towable trailers

Page 169

Foam equipment

Page 173

Dividers, elbows, valves

Page 215

Pumps, fans, motors, strainers

Page 233

Hose reels, foam stations

Page 243

Control equipment

Page 271

Couplings, caps, gaskets

Page 275

Spanner wrenches

Page 289

Hoses, accessories and operation tools

Page 295

Annex

Page 303

A

Anchor	301
Anti-recoil elbows.....	57
Axe to break doors	302

B

Backpack stirrup pump	69
B-druckventil.....	221
Branchpipes - Low expansion foam	189
Branchpipes - Medium expansion foam	196
Branchpipes - Powder-foam	166
Branchpipes - Water	155
Branchpipes - Water-foam	158
Branchpipes - Water-foam, bi-flow rate, motorised	164
Branchpipes - Water-foam, in stainless steel	160
Branchpipes - Water-foam, motorised	162
Branchpipes - Water-foam, ultra short "POWER FOAM"	156

C

COMBIPOK	58
COMBIPOWDER	206
Compact storage hose reels.....	256
Control equipment	272
Control kit for hose reels.....	249
Couplings - International couplings.....	285
Couplings - NST-NH and NPSH (USA).....	279
Couplings - Storz	276 278
Cover for hose reels	249
Crow bar	302

D

DELUGE NOZZLE	152
DELUGE VALVE	220
Diffusers - Automatically regulated pressure	144
• AUTOKADOR	144
• MAXIMATIC	144
• TORNADOMATIC	144
Diffusers - Automatically regulated pressure, motorised	150
• AUTOKADOR	150
Diffusers - Fixed flow rate	140
• POKABRONZE	141
• POKADOR	140
• POKATAK	140
• POKINOR	140
Diffusers - Fixed flow rate, motorised	148
• POKADOR	148
Diffusers - Foam attachments	167
Diffusers - Selectable flow rate	142
• DEBIKADOR	142
• DEBIKA-INOX	143
• MAGIKADOR	142
• TURBOKADOR	142
Diffusers - Selectable flow rate, motorised	149
• DEBIKADOR	149
Diffusers - Self-educing	147
Diffusers - Self-educing, motorised	151
Discharge heads - Foam	214
Discharge heads - Water	152
Dividers	223
Dividers (2-way) with ball valves "BIPOK"	225
Dividers (2-way) without shutoff	224
Dividers (3-way) with ball valves "TRIPOK"	228
Dividers (4-way) with ball valves "QUADRIPOK"	229
Dividers (5-way) with ball valves "PENTAPOK"	230
Ducts for fire brigades	242

E

Edudors	174
• 580 PSI	181
• AROUND THE PUMP	180
• For hose reel	182
• In stainless steel	183

• Mini-educators	181
• MIXY EDUCATOR	178
• ULTRA-FOAM	175
• ULTRA-LIGHT	177
Educators - Accessories	185
Educators - High volume	187
Educators - Powder	207
Electric telescopic tube	124
European diffusers	248

F

Fans	241
Filters	237
Fire axe	301
Fire beater	254
Fire buckets	254
FIREBUSTER	69
Flanges	284
Flowmeters - Electronic	273
Flowmeters - Mechanical	272
Foam attachments	60 167
Foam chambers	211
Foam generators - Back-pressure	213
Foam generators - Fixed high expansion	210
Foam hose reels for vessels	266
Foam units - Mobile	201
Foam units - Portable	200

G

Gaskets 286

H

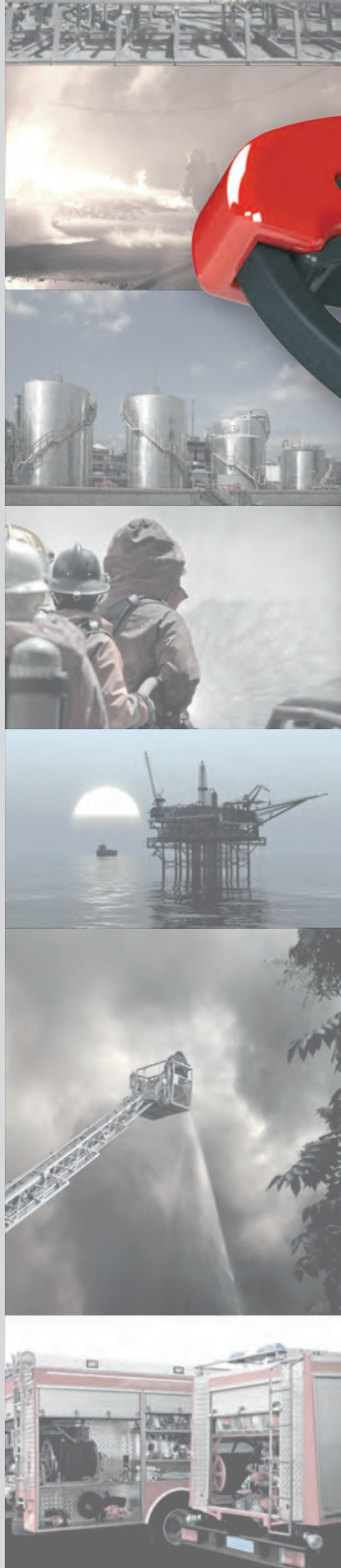
Hand nozzles - Accessories	58
Hand nozzles - Autoregulated with ball valve	30
• AUTOKADOR	31
• MAXIMATIC	31
• TORNADOMATIC	31
Hand nozzles - Autoregulated with slide valve	24
• LEGENDE	26
Hand nozzles - Colour options	42
Hand nozzles - Dual expansion foam	195
Hand nozzles - Dual pressure	10
• SLIDE-O-MATIC	11
Hand nozzles - Fixed flow rate	36
• POKADOR	37
• POKATAK	37
• POKINOR	37
Hand nozzles - Foam attachments	60
Hand nozzles - High pressure	47
• CRIQUET	47
• DAMSTER	47
Hand nozzles - Long range water and powder	205
Hand nozzles - Low expansion foam	193
• DUAL-USE	193
• EDUPOK	193
Hand nozzles - Marine type - Fixed flow rate	43
• POKABRONZE	43
Hand nozzles - Marine type - Selectable flow rate	44
• TURBOKABRONZE	44
• TURBOKADOR	45
Hand nozzles - Medium expansion foam	199
Hand nozzles - Pok foam "QST"	202
Hand nozzles - Powder	207
Hand nozzles - Powder CRI-CRI	207
Hand nozzles - Powder-foam	206
Hand nozzles - Selectable flow rate	13
• DEBIKADOR	15
• DEBOLITE	15
• MAGIKADOR	14
• MAGILITE	14
• TURBOKADOR	15
• TURBOLITE	14

Hand nozzles - Specific use		Swivel elbows.....	59
• "BELIER" nozzle	50	T	
• BLACK GUN	48	Telescopic tube	95
• "CHIMNEY" nozzle.....	52	Tips - Stacked and "gigogne"	153
• FLASH.....	49	Tips - Wildland.....	66
• "FOG APPLICATION" nozzle	51	Tools	301
• GALAXIE	49	Tools and equipment mounts	299
• "GERICO" nozzle	53	Towable remote controlled monitors	170
Hand nozzles - Wildland.....	64	Tripod stands.....	113
• DEBIKADOR.....	64	Turbo-motors	238
• MAGIKADOR	64	Turbo-pumps.....	239
• ROBATFLAM.....	65	V	
• TURBOKADOR.....	64	Valves	219
HANDY-FOAM	200	Valves - Full waterway "MONOPOK"	216
Hook	301	W	
Horn fire axe	254	Waterwall nozzles.....	56
Hose bridges	297	Window breaker.....	301
Hose guides for hose reels.....	262	Wrenches and storage brackets for US couplings	294
Hose guides for hose reels in stainless steel.....	265	Wrenches - Multipurpose spanner wrenches.....	292
Hose holder.....	255	Wrenches - Spanner wrenches	290
Hose puller.....	297	Wyes.....	70
Hose reels - Accessories.....	249	Wyes - Gated 2-way	71
Hose reels conform to norm EN 671-1	244	Wyes - Gated 3-way	72
Hose reels conform to norm NF S 61-522	258	Wyes - Spare parts.....	73
Hose reels - Fixed in stainless steel	264		
Hose reels - Foam adaptation kit.....	252		
Hose reels - Rewinders and compact ones	256		
Hose reels - Swinging rotating in stainless steel	250		
Hose reels - With foam extension	253		
Hoses.....	296		
Hoses accessories	297		
Hydraulic actuator.....	112		
Hydro-ejectors.....	240		
K			
KOMANDO.....	72		
M			
Maintenance kit for hose reels	249		
Metering devices.....	185		
Monitors - Attachments.....	112		
Monitors - Manual in aluminium alloy	76		
Monitors - Manual in bronze	102		
Monitors - Manual in stainless steel	105		
Monitors - Motorised in aluminium alloy	120		
Monitors - Motorised in bronze	131		
Monitors - Motorised in stainless steel.....	133		
Monitors - Remote control systems.....	114		
Mounting support for hose reels	249		
N			
Nozzle shutoffs DMB.....	62		
P			
Pick-up tubes	186		
POKET WYE.....	71		
R			
Rewinder	256		
S			
Sandbox	255		
Self-educing attachments.....	188		
Sewer cylinders	302		
Shovel.....	254		
Shutoffs without pistol grip.....	54		
Shutoffs with pistol grip	55		
Siameses - Clappered	222		
Stirrup pump.....	300		
Strainers.....	234		
Strainers - Accessories.....	236		
Stream shapers	154		

POK SAS is certified

ISO 9001:2008
and
ISO 14001:2009 + Cor 1:2009

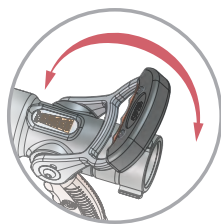




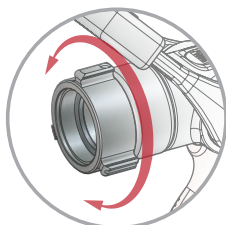
Hand nozzles

Hand nozzles - Dual pressure	10	Hand nozzles - Specific use.....	48
Hand nozzles - Selectable flow rate	13	Shutoffs without pistol grip	54
Hand nozzles - Autoregulated with slide valve	24	Shutoffs with pistol grip.....	55
Hand nozzles - Autoregulated with ball valve.....	30	Waterwall nozzles	56
Hand nozzles - Fixed flow rate.....	36	Anti-recoil elbows	57
Hand nozzles - Color options.....	42	Hand nozzles - Accessories	58
Hand nozzles - Marine type - Fixed flow rate	43	Hand nozzles - Foam attachments	60
Hand nozzles - Marine type - Selectable flow rate	44	Nozzle shutoffs.....	62
Hand nozzles - High pressure	47		

Shutoff handle with polyurethane protection. Shutoff with slide valve, with indexing of the positions at 20%, 40%, 60%, 80% and 100 % of the flow rate when pushed fully to the stop position.



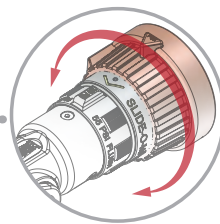
Swivel inlet coupling conform to international norms



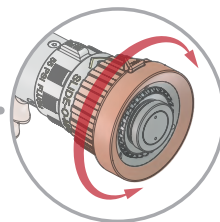
Conform to norm
EN 15182-2



Selection ring to operate the nozzle at 50 or 100 PSI while keeping the same flow rate in maximum open position of the shutoff. **FLUSH** position obtained on full stop limit of the selection ring.



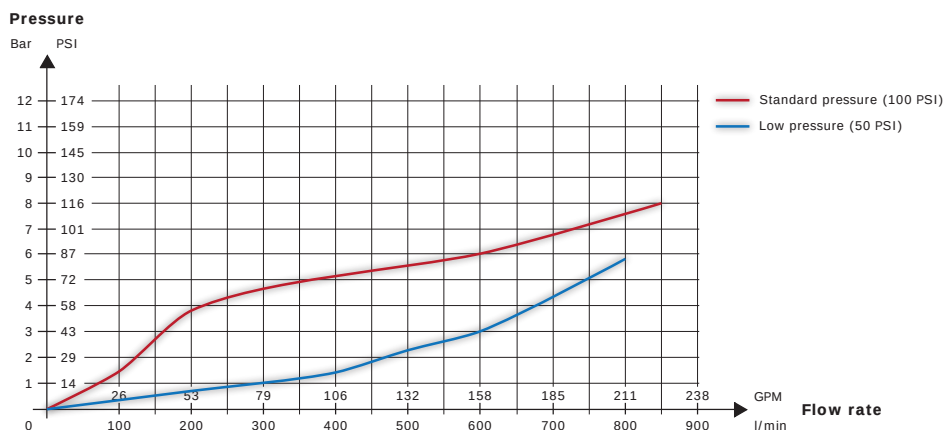
Bumper guard with tactile markings indicating the shape of the stream pattern.
3 stream patterns positions: straight jet, flashover (30°), wide angle spray (130°)



TECHNICAL CHARACTERISTICS

- **Flow adjustment** is accomplished by operating the shutoff handle from the closed to the fully open position passing through the **four intermediate settings** corresponding to 20% of the maximum flow rate for the first setting, 40% of the maximum flow rate for the second, 60% of the maximum flow rate for the third and 80% of maximum flow rate for the fourth.
- A **selection ring** allows the user to operate the nozzle at a pressure of **100 PSI** or at **50 PSI** while maintaining the same flow rate in the maximum open position. This ring also has a third position marked **PURGE or FLUSH** which permits the removal of particles which could interfere with the proper hydraulic operation of the nozzle.
- **Selectable stream pattern**: a continuous rotation of the head ring allows the user to progress from a **straight stream** to a **narrow spray** of 30° called "Flashover", to a full **fog diffusion cone of 130°** forming a wall of water. **Tactile and visual indicators** permit the user to know the type of stream even in total darkness and while wearing firefighting gloves conforming to EN 659.
- **Swivel inlet connection.**
- Functions under nominal pressure **230 PSI**.
- **Aluminium alloy adjustable flow rate with robust shutoff handle**, piston, screws and bolts in stainless steel.

CURVES FLOW RATE/PRESSURE - For the 150 GPM version



CONSTRUCTION

- **Aluminium alloy** construction, AGS T5, new titrated alloy, extremely light.
- Resistant to mechanical shock and chemical attack with **50µm hard anodisation**.
- The head is protected with a **polyurethane bumper guard**. This elastomer does not melt under heat, is an excellent insulator which allows the user to work under high heat conditions without burning and does not stick to the fingers in low temperatures.
- Ergonomic, anti-slip polyurethane pistol grip.
- Pins and screws in stainless steel

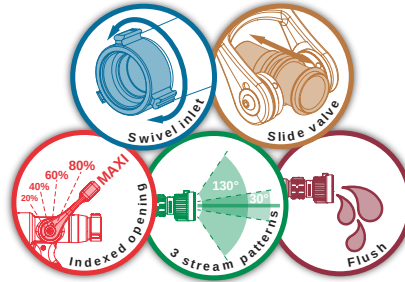
Hand nozzles - Dual pressure



Our "Slide-O-Matic" nozzle range with dual automatically regulated pressure is equipped with a selection ring for operating at 50 or 100 PSI, without stopping the flow, by simply rotating the ring.

The different flow rates are selectable through an axial valve.

The head ring with tactile markings allows the selection of the different stream patterns (straight jet, flashover and wide angle spray).



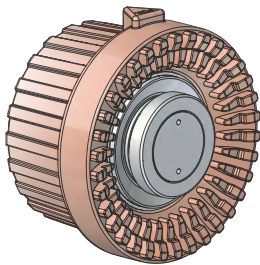
Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 50 to 150 GPM
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors: [Black] [Red] [Green] [Blue] [Yellow] [Orange]

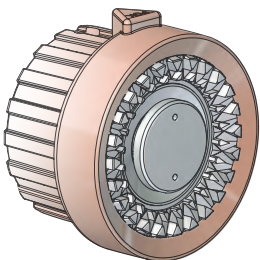
Conform to norm EN 15182-2

Slide-O-Matic 150 - molded rubber teeth



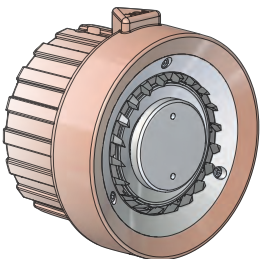
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
Swivel 1.5" NST-NH female	150 GPM	50/100 PSI	11.97 x 10.16 x 4.96	6.83	27655

Slide-O-Matic 150 - teeth cut in aluminium alloy



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
Swivel 1.5" NST-NH female	150 GPM	50/100 PSI	11.97 x 10.16 x 4.96	6.83	29285

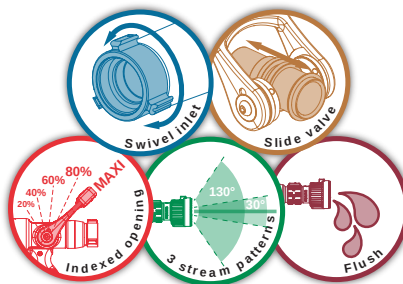
Slide-O-Matic 150 - spinning teeth



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
Swivel 1.5" NST-NH female	150 GPM	50/100 PSI	11.97 x 10.16 x 4.96	6.83	29281



Our "Slide-O-Matic" nozzle range with dual automatically regulated pressure is equipped with a selection ring for operating at 50 or 100 PSI, without stopping the flow, by simply rotating the ring. The different flow rates are selectable through an axial valve. The head ring with tactile markings allows the selection of the different stream patterns (straight jet, flashover and wide angle spray)

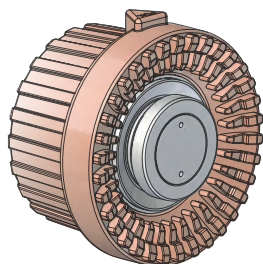


Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 100 to 300 GPM
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Pistol grip: double

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

Slide-O-Matic 300



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female swivel	300 GPM	50/100 PSI	16.89 x 12.28 x 6.57	10.58	27660



Hand nozzles - Selectable flow rate

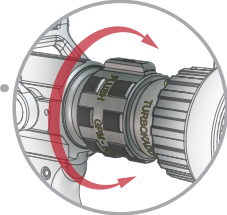


Operating handle with protective grip in polyurethane. Ball valve shutoff, quick and progressive opening and closure.

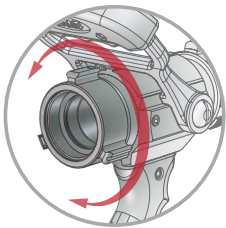


Conform to norm
EN 15182-2

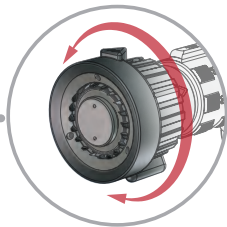
Flow rate ring to select flow rates at a reference pressure of 100 PSI and ending with the FLUSH position. The raised lug indicates the highest flow rate.



Swivel inlet coupling conform to international norms



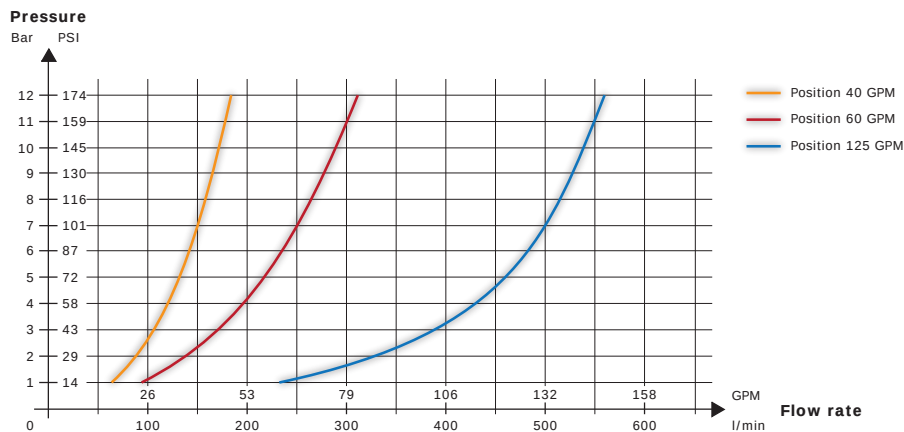
The anti-shock bumper guard in polyurethane has tactile markings to indicate the stream pattern.
3 stream patterns positions: straight jet, flashover (30°), wide angle spray (130°)



TECHNICAL CHARACTERISTICS

- The flow rate and flush is adjusted by rotating the **flow rate adjustment ring**. The available flow rates are engraved on the ring. By rotating the ring to the desired setting, the flow rate will be set to this value at the **100 PSI** reference pressure. A tactile indicator permits the user to know the flow setting even in total darkness and while wearing firefighting gloves (**conform to EN 659**).
- This ring has a position marked **PURGE or FLUSH** which permits the removal of particles which could interfere with the proper hydraulic operation of the nozzle.
- **Selectable stream pattern**: a continuous rotation of the head ring allows the user to progress from a **straight stream** to a **narrow spray** also called "Flashover", to a full **fog diffusion cone of 130°** forming a wall of water. **Tactile and visual indicators** permit the user to know the type of stream even in total darkness and while wearing firefighting gloves.
- **Swivel inlet connection**.
- **Protection filter** protects against pebbles at the inlet connection.
- Functions under nominal pressure **230 PSI**.
- Quick On/Off Shutoff valve.

CURVES FLOW RATE/PRESSURE - For the 125 GPM version



CONSTRUCTION

- **Aluminium alloy** construction, AGS T5, new titrated alloy, extremely light.
- Resistant to mechanical shock and chemical attack with **50µm hard anodisation**.
- The head is protected with a **polyurethane bumper guard**. This elastomer does not melt under heat, is an excellent insulator which allows the user to work under high heat conditions without burning and does not stick to the fingers in low temperatures.
- Ergonomic, anti-slip polyurethane pistol grip.
- Pins and screws in stainless steel.



Our family of selectable flow rate nozzles exists in 2 versions "lite" and "kador". The "lite" version is lighter and more economical. The calibrated flow rates are easily selectable through an indexed ring. The raised lug indicates the highest flow rate. The head ring with tactile markings allows to select from several stream patterns (straight jet, flash over and wide angle spray). This family of nozzles comes with three possibilities of tips: Turbo (with spinning teeth), Debi (teeth cut in aluminium alloy) and Magi (molded rubber teeth).

Maximum working pressure: 230 PSI

Shutoff: ball valve

Opening: by operating handle

Flush position: YES

Material: aluminium alloy

Surface treatment: hard anodisation

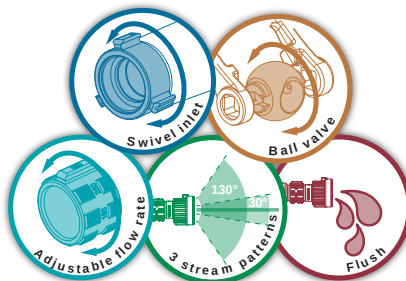
Body type: molded

Pistol grip: one

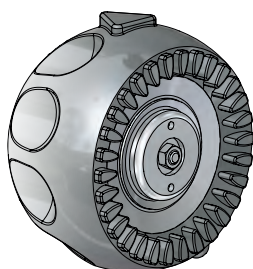
Options: low expansion foam attachment, medium expansion foam attachment

Bumper guard colors:

Conform to norm EN 15182-2

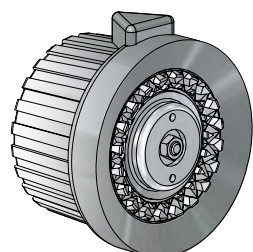


Magilite 40



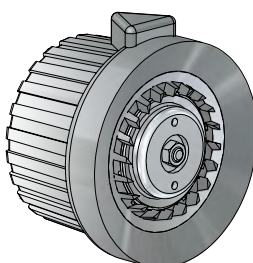
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	10-20-25-40 GPM	100 PSI	10.24 x 8.82 x 3.74	3.09	18375
1.5" NST-NH female	10-20-25-40 GPM	100 PSI	10.24 x 8.82 x 3.74	3.09	18376

Debolite 40



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	10-20-25-40 GPM	100 PSI	10.24 x 8.82 x 3.74	3.09	18373
1.5" NST-NH female	10-20-25-40 GPM	100 PSI	10.24 x 8.82 x 3.74	3.09	18374

Turbolite 40



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	10-20-25-40 GPM	100 PSI	10.24 x 8.82 x 3.74	3.09	18371
1.5" NST-NH female	10-20-25-40 GPM	100 PSI	10.24 x 8.82 x 3.74	3.09	18372

Hand nozzles - Selectable flow rate



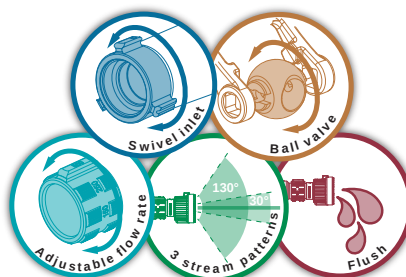
Our family of selectable flow rate nozzles of 40 GPM exists in 2 versions "lite" and "kador". The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The head ring with tactile markings allows to select from several stream patterns (straight jet, flash over and wide angle spray). This family of nozzles comes with three possibilities of tips: Turbo (with spinning teeth), Debi (teeth cut in aluminium alloy) and Magi (molded rubber teeth).

Maximum working pressure: 230 PSI
Shutoff: ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

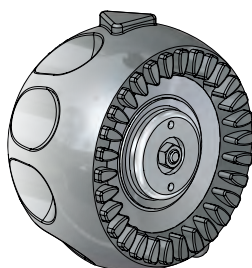
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

Conform to norm EN 15182-2

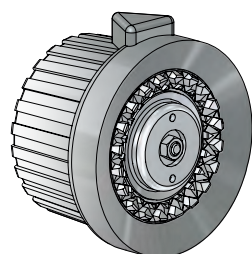


Magikador 40



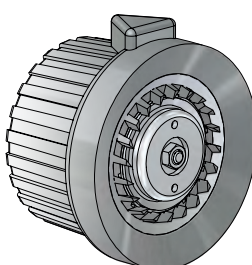
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	10-20-25-40 GPM	100 PSI	10.98 x 10.47 x 4.96	4.41	18400
1.5" NST-NH female	10-20-25-40 GPM	100 PSI	10.98 x 10.47 x 4.96	4.41	18401

Debikador 40



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	10-20-25-40 GPM	100 PSI	10.98 x 10.47 x 4.96	4.41	13718
1.5" NST-NH female	10-20-25-40 GPM	100 PSI	10.98 x 10.47 x 4.96	4.41	13719

Turbokador 40



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	10-20-25-40 GPM	100 PSI	10.98 x 10.47 x 4.96	4.41	02311
1.5" NST-NH female	10-20-25-40 GPM	100 PSI	10.98 x 10.47 x 4.96	4.41	02310



The selectable flow rate nozzles of 125 GPM are available in two versions. The "ECO" version uses a molded aluminium alloy body.

The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).

This family of nozzles comes with three possibilities of tips:

Turbo (with spinning teeth), Debi (teeth cut in aluminium alloy) and Magi (molded rubber teeth).

These nozzles are used by a large number of firefighters across the globe.

Maximum working pressure: 230 PSI

Shutoff: ball valve

Opening: by operating handle

Flush position: YES

Material: aluminium alloy

Surface treatment: hard anodisation

Body type: molded

Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

Conform to norm EN 15182-2



Russian Certificate



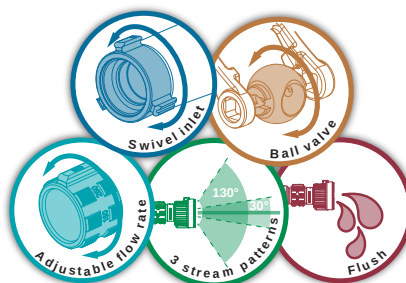
Polish Certificate



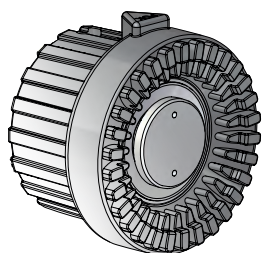
Czech Republic Certificate



Chinese Certificate

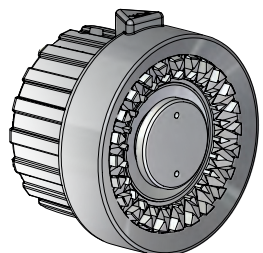


Magikador 125 - ECO



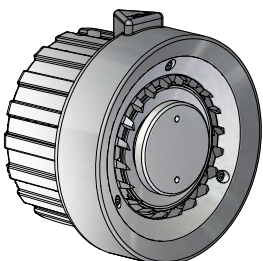
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	30-60-95 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28651
1.5" NST-NH female	60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28654
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28657
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28660

Debikador 125 - ECO



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	30-60-95 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28652
1.5" NST-NH female	60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28655
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28658
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28661

Turbokador 125 - ECO



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	30-60-95 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28653
1.5" NST-NH female	60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28656
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28659
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	28662

Hand nozzles - Selectable flow rate



The selectable flow rate nozzles of 125 GPM are available in two versions: "ECO" and "Premium".

The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).

This family of nozzles comes with three possibilities of tips: Turbo (with spinning teeth), Debi (teeth cut in aluminium alloy) and Magi (molded rubber teeth).

These nozzles are used by a large number of firefighters across the globe.

Maximum working pressure: 230 PSI

Shutoff: ball valve

Opening: by operating handle

Flush position: YES

Material: aluminium alloy

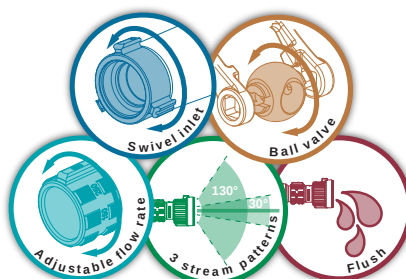
Surface treatment: hard anodisation

Body type: cut into bars

Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:



Conform to norm EN 15182-2



Russian Certificate



Polish Certificate

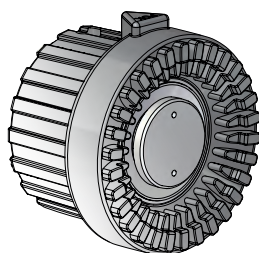


Czech Republic Certificate



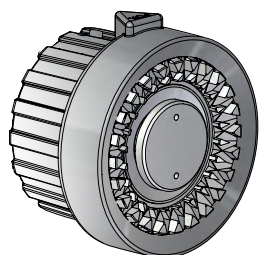
Chinese Certificate

Magikador 125



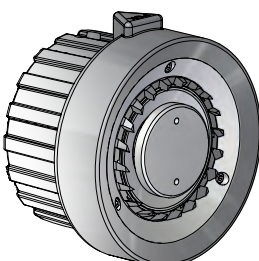
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	30-60-95 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	18458
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	18459
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	18486
1.5" NST-NH female	60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	18487

Debikador 125



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	30-60-95 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	13720
1.5" NST-NH female	60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	13721
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	13722
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	18485

Turbokador 125



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	08349
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	08370
1.5" NST-NH female	30-60-95 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	09891
1.5" NST-NH female	60-95-125 GPM	100 PSI	11.42 x 10.47 x 4.96	5.38	09892



The selectable flow rate nozzles of 200 GPM represent the ideal compromise between the 125 and 350 GPM range of nozzles. They offer power, lightness and manoeuvrability.

The nozzles are available in two versions: "ECO" and "Premium".

The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).

This family of nozzles comes with two possibilities of tips:

Debi (teeth cut in aluminium alloy) and Magi (molded rubber teeth).

Maximum working pressure: 230 PSI

Shutoff: ball valve

Opening: by operating handle

Flush position: YES

Material: aluminium alloy

Surface treatment: hard anodisation

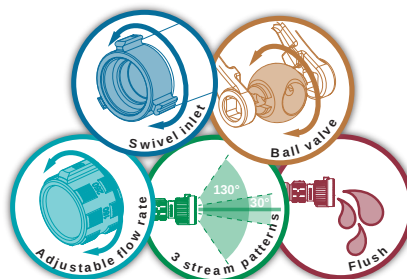
Body type: molded

Pistol grip: one

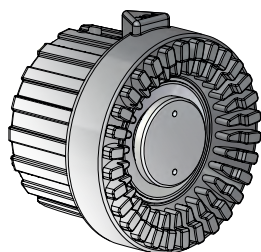
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

Conform to norm EN 15182-2

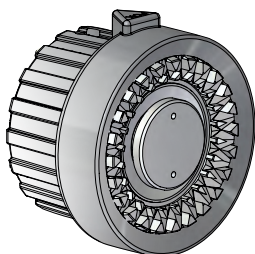


Magikador 200 - ECO



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	125-180 GPM	100 PSI	17.48 x 10.24 x 4.96	9.70	28668
2.5" NST-NH female	95-125-150-200 GPM	100 PSI	17.48 x 10.24 x 4.96	9.70	28672

Debikador 200 - ECO



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	125-180 GPM	100 PSI	17.48 x 10.24 x 4.96	9.70	28670
2.5" NST-NH female	95-125-150-200 GPM	100 PSI	17.48 x 10.24 x 4.96	9.70	28673



Hand nozzles - Selectable flow rate



The selectable flow rate nozzles of 200 GPM represent the ideal compromise between the 125 GPM and 350 GPM range of nozzles. They offer power, lightness and manoeuvrability. The nozzles are available in two versions: "ECO" and "Premium".

The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).

This family of nozzles comes with three possibilities of tips: Debi (teeth cut in aluminium alloy), Magi (rubber molded teeth) and Turbo (spinning teeth).

Maximum working pressure: 230 PSI

Shutoff: ball valve

Opening: by operating handle

Flush position: YES

Material: aluminium alloy

Surface treatment: hard anodisation

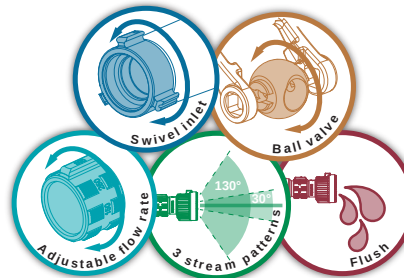
Body type: cut into bars

Pistol grip: one

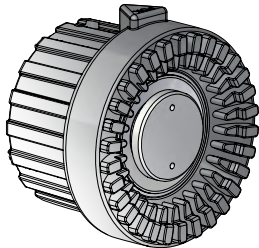
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

Conform to norm EN 15182-2

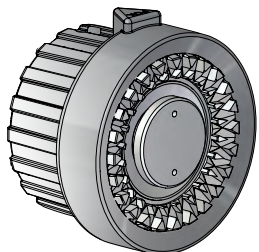


Magikador 200



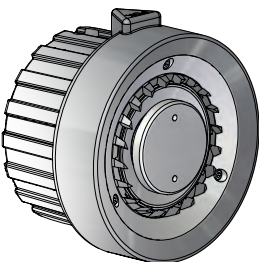
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	60-125-200 GPM	100 PSI	17.4 x 10.71 x 4.96	9.88	28671
2.5" NST-NH female	125-180 GPM	100 PSI	17.4 x 10.71 x 4.96	9.88	28667

Debikador 200



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	95-125-150-200 GPM	100 PSI	17.4 x 10.71 x 4.96	9.88	18494
2.5" NST-NH female	95-125-150-200 GPM	100 PSI	17.4 x 10.71 x 4.96	9.88	18494. FF2.5NST
2.5" NST-NH female	125-180 GPM	100 PSI	17.4 x 10.71 x 4.96	9.88	28669

Turbokador 200



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	95-125-150-200 GPM	100 PSI	17.4 x 10.71 x 4.96	9.88	10648
2.5" NST-NH female	95-125-150-200 GPM	100 PSI	17.4 x 10.71 x 4.96	9.88	10648. FF2.5NST



The selectable flow rate nozzles of 350 GPM offer the best flow rate, precision and robustness that has been proven throughout the world.

The nozzles are available in two versions: "ECO" and "Premium".

The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).

This family of nozzles comes with two possibilities of tips:

Debi (teeth cut in aluminium alloy) and Magi (molded rubber teeth).

Maximum working pressure: 230 PSI

Shutoff: ball valve

Opening: by operating handle

Flush position: YES

Material: aluminium alloy

Surface treatment: hard anodisation

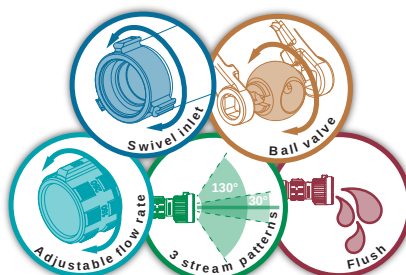
Body type: molded

Pistol grip: one

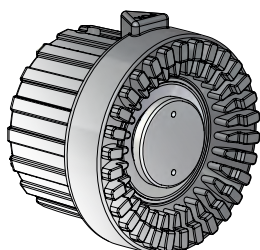
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

Conform to norm EN 15182-2

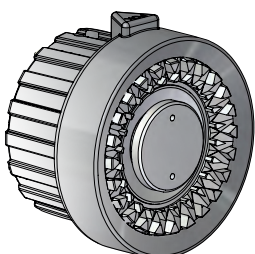


Magikador 350 - ECO



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	95-125-150-250 GPM	100 PSI	17.72 x 10.24 x 4.96	10.47	28680
2.5" NST-NH female	100-150-200-250 GPM	100 PSI	17.72 x 10.24 x 4.96	10.47	28682
2.5" NST-NH female	125-150-200-250 GPM	100 PSI	17.72 x 10.24 x 4.96	10.47	28684
2.5" NST-NH female	200-250-300-350 GPM	100 PSI	17.72 x 10.24 x 4.96	10.47	28686

Debikador 350 - ECO



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	95-125-150-250 GPM	100 PSI	17.72 x 10.24 x 4.96	10.47	28681
2.5" NST-NH female	100-150-200-250 GPM	100 PSI	17.72 x 10.24 x 4.96	10.47	28683
2.5" NST-NH female	125-150-200-250 GPM	100 PSI	17.72 x 10.24 x 4.96	10.47	28685
2.5" NST-NH female	200-250-300-350 GPM	100 PSI	17.72 x 10.24 x 4.96	10.47	28687



Hand nozzles - Selectable flow rate

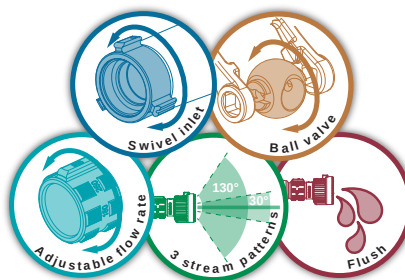


New design
LIGHTER
more **EFFICIENT**



Our selectable gallonage nozzle 350 GPM is the most powerful flow rate hand nozzle. This new generation is lighter, shorter and reaches longer throw distances. Two versions are available: with one or with two pistol grips. The different flow rates and flush position are operated from the ring.

The bumper with tactile marks enables to select the different stream patterns (straight jet, flashover, wide angle spray). This range of nozzles is available with three different tips : Magi (with molded rubber teeth), Debi (cut teeth in aluminium alloy) and Turbo (with spinning teeth).



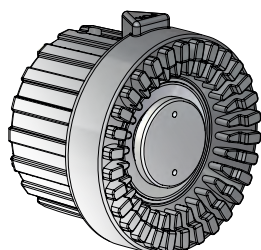
Maximum working pressure: 230 PSI
Shutoff: ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

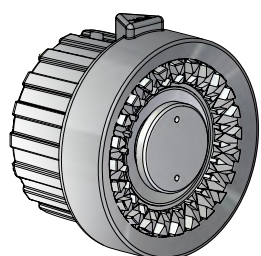
Conform to norm EN 15182-2

Magikador 350 - 1 pistol grip



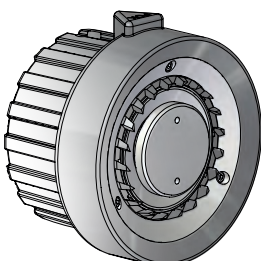
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	200-250-300-350 GPM	100 PSI			35591.NST

Debikador 350 - 1 pistol grip



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	200-250-300-350 GPM	100 PSI			35594.NST

Turbokador 350 - 1 pistol grip



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	200-250-300-350 GPM	100 PSI			35597.NST



The selectable flow rate nozzles of 350 GPM offer the best flow rate, precision and robustness acknowledged across the world. The nozzles are available in two versions: "ECO" and "Premium".

The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).

This family of nozzles comes with three possibilities of tips: Debi (teeth cut in aluminium alloy), Magi (rubber molded teeth) and Turbo (spinning teeth).

Maximum working pressure: 230 PSI

Shutoff: ball valve

Opening: by operating handle

Flush position: YES

Material: aluminium alloy

Surface treatment: hard anodisation

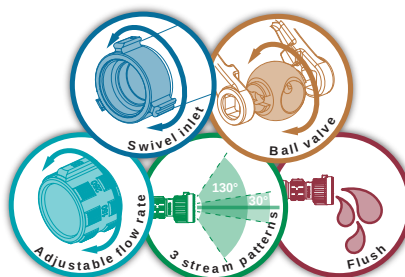
Body type: cut into bars

Pistol grip: double

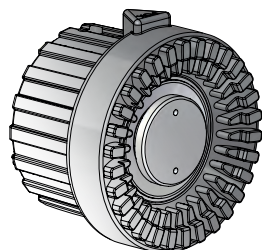
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

Conform to norm EN 15182-2

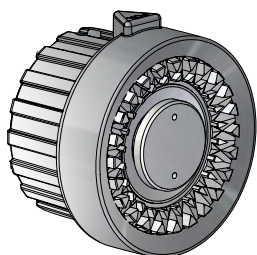


Magikador 350 - 2 pistol grips



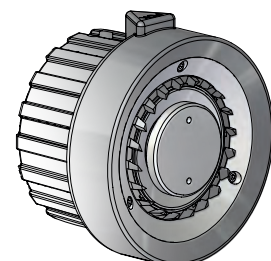
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	95-125-150-250 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	28674
2.5" NST-NH female	100-150-200-250 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	28675
2.5" NST-NH female	125-150-200-250 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	28676
2.5" NST-NH female	200-250-300-350 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	28677

Debikador 350 - 2 pistol grips



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	95-125-150-250 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	09708
2.5" NST-NH female	200-250-300-350 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	13723
2.5" NST-NH female	100-150-200-250 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	18568
2.5" NST-NH female	125-150-200-250 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	18569

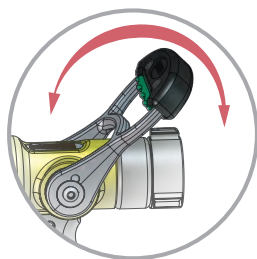
Turbokador 350 - 2 pistol grips



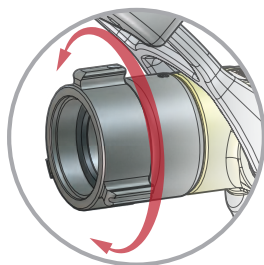
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	95-125-150-250 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	18567
2.5" NST-NH female	100-150-200-250 GPM	100 PSI	22.28 x 6.54 x 13.31	11.51	09724
2.5" NST-NH female	125-150-200-250 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	08347
2.5" NST-NH female	200-250-300-250 GPM	100 PSI	18.35 x 6.54 x 13.31	11.51	09996



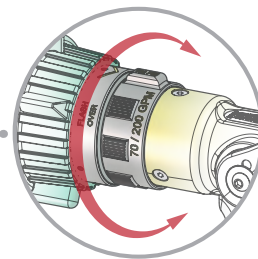
Shutoff handle with polyurethane protection. Shutoff with slide valve, with indexing of the positions at 20%, 40%, 60%, 80% and 100 % of the flow rate when pushed fully to the stop position.



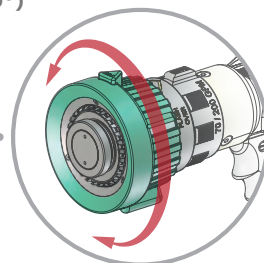
Swivel inlet coupling conform to international norms



Selection ring (on the 150 and 300 GPM type) to go from the normal mode to a "FLUSH" position ("PURGE") at the operating pressure of 100 PSI.



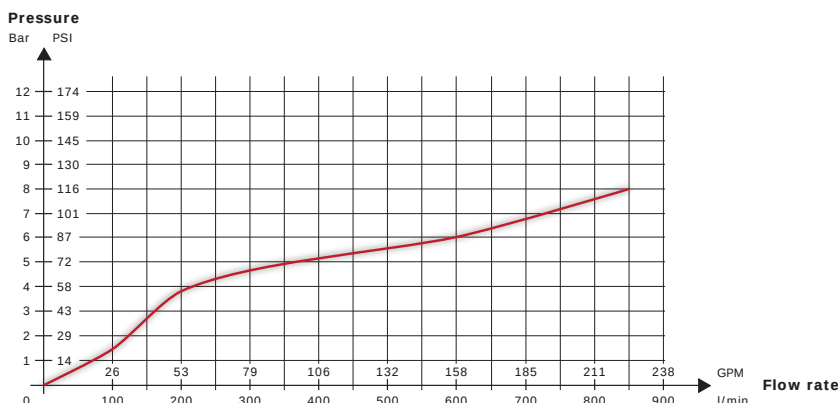
Bumper guard with tactile markings indicating the shape of the stream pattern.
3 stream patterns positions: straight jet, flashover (30°), wide angle spray (130°)



TECHNICAL CHARACTERISTICS

- The **flow rate is adjusted** by operating the shutoff handle from the closed to the fully open position, passing through four intermediate steps corresponding to 20% of the maximum flow rate for the first setting, 40% of the maximum flow rate for the second, 60% of the maximum flow rate for the third and 80% of maximum flow rate for the fourth.
- A **selection ring** (available only on models 150 and 300) allows the user to pass from the **100 PSI** position (normal operation) to the position marked **PURGE or FLUSH** for the removal of particles which may hamper the proper hydraulic characteristics of the nozzle.
- **Selectable stream pattern:** A continuous rotation of the head ring allows the user to progress from a **straight stream** to a **narrow spray** called "Flashover", to a full fog **diffusion cone** (wide angle) of 130° forming a wall of water (followed by a flush position only on the 125 model). **Tactile and visual indicators** permit the user to know the type of stream even in total darkness and while wearing firefighting gloves as **conform to EN 659**.
- **Swivel inlet connection.**
- Functions under **230 PSI** nominal pressure.
- **Adjustable flow rate shutoff** handle ruggedly constructed with stainless steel piston, pins and screws.

CURVES FLOW RATE/PRESSURE - For the 150 GPM version



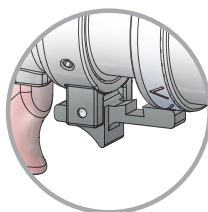
CONSTRUCTION

- **Aluminium alloy** construction, AGS T5, new titrated alloy, extremely light.
- Resistant to mechanical shock and chemical attack with **50µ hard anodisation**.
- The head is protected with a **polyurethane bumper guard**. This elastomer does not melt under heat, is an excellent insulator which allows the user to work under high heat conditions without burning and does not stick to the fingers in low temperatures.
- Ergonomic, anti-slip polyurethane pistol grip.
- Pins and screws in stainless steel.

Hand nozzles - Autoregulated with slide valve



Legende 100 for electric fires



Trigger lock for the straight jet and FLUSH positions.

Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Straight jet locking: YES
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Head: cut teeth
Pistol grip: one

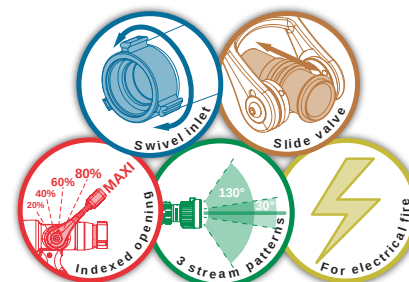
Options: low expansion foam attachment.

Bumper guard colors:

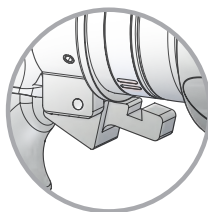
The range of "Legende DHT" nozzles with automatically regulated pressure is used for the extinction of electric fires.

The head ring with tactile markings allows to select different stream patterns (straight jet, flash over and wide angle spray). The shutoff handle enables to change to different flow rates. A locking device helps to prevent going to straight jet accidentally allowing a safe use on electric fires.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	100 GPM	100 PSI			32701.NST



Legende 100 for electric fires



Trigger lock for the straight jet and FLUSH positions.

Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Straight jet locking: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Head: molded teeth
Pistol grip: one

Options: low expansion foam attachment.

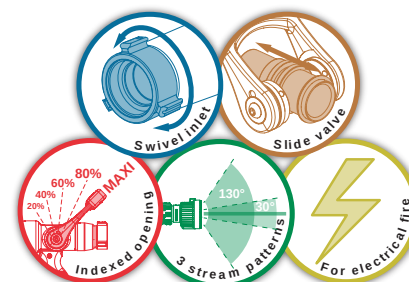
Bumper guard colors:

The range of "Legende DHT" nozzles with automatically regulated pressure is used for the extinction of electric fires.

The head ring with tactile markings allows to select different stream patterns (straight jet, flash over and wide angle spray). The shutoff handle enables to change to different flow rates. A locking device helps to prevent going to straight jet accidentally allowing a safe use on electric fires.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	100 GPM	100 PSI	11.89 x 8.98 x 3.82	4.63	25581.NST

Equips the Spanish Navy



Legende 125



The entire range of "Legende" nozzles have an ultra compact system for pressure regulation that offers a selectable flow rate from the shutoff handle with different positions.
The head ring with tactile markings enables to select the different stream patterns: straight jet, flashover and wide angle spray.

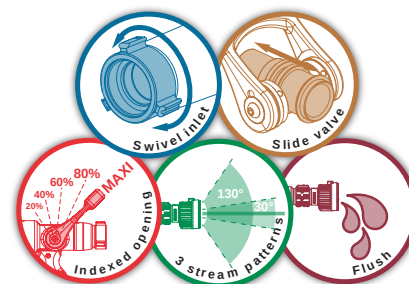
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	125 GPM	100 PSI			09521.NST

Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Head: molded teeth
Pistol grip: one

Options: low expansion foam attachment.

Bumper guard colors:

Equips the Swiss army



Legende 130



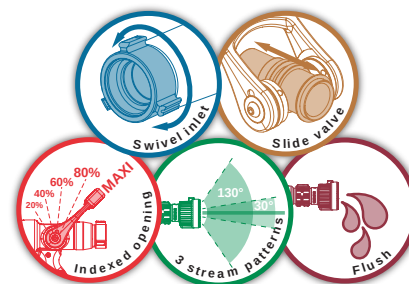
The entire range of "Legende" nozzles have an ultra compact system for pressure regulation that offers a selectable flow rate from the shutoff handle with different positions.
The head ring with tactile markings enables to select the different stream patterns: straight jet, flashover and wide angle spray.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	130 GPM	100 PSI			32542.NST

Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Head: cut teeth
Pistol grip: one

Options: low expansion foam attachment.

Bumper guard colors:



Hand nozzles - Autoregulated with slide valve



Legende 125 with combined stream patterns



The "Legende" range of nozzles with automatically regulated pressure and combined stream patterns helps to obtain simultaneously a straight jet and a wide angle spray to protect the fireman. The shutoff handle allows to select different flow rates.

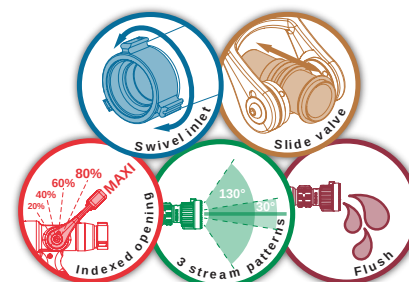
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	125 GPM	100 PSI			19368.NST

Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Head: molded teeth
Pistol grip: one

Options: low expansion foam attachment.

Bumper guard colors:

Equips the Italian Navy



Legende 200 with combined stream patterns



The "Legende" range of nozzles with automatically regulated pressure and combined stream patterns helps to obtain simultaneously a straight jet and a wide angle spray to protect the fireman. The shutoff handle allows to select different flow rates.

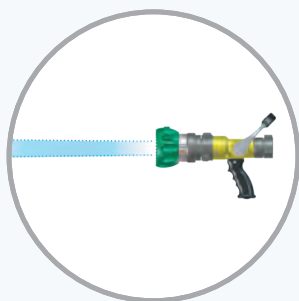
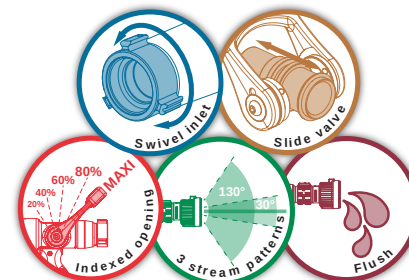
The ring with tactile markings enables to select from different stream patterns (straight jet, flashover, wide angle spray).

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	200 GPM	100 PSI			28884.NST

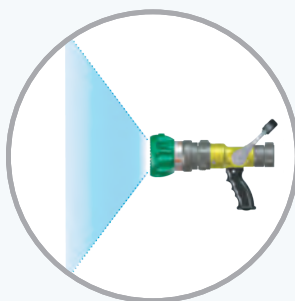
Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Head: molded teeth
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

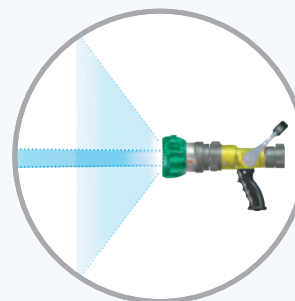
Bumper guard colors:



Straight jet position



Flashover position

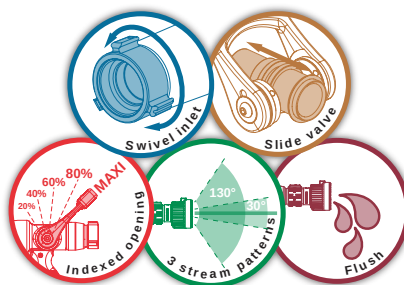


Combined stream pattern position



The entire range of "Legende" hand nozzles have an ultra compact system for pressure regulation that provides a flow rate selectable from the shutoff handle.

The head allows to select from three types of stream patterns: straight jet, flashover, wide angle spray. There are three possibilities of tips to choose from: molded rubber teeth, teeth cut in aluminium alloy and spinning teeth.

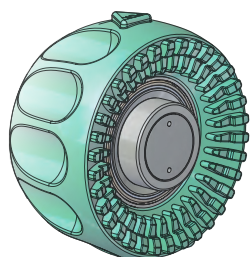


Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 30 to 150 GPM
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Pistol grip: one

Options: low expansion foam attachment.

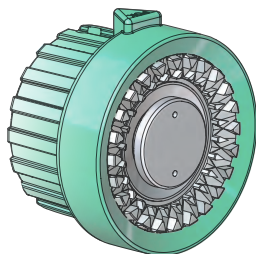
Bumper guard colors:

Legende 150 - Molded rubber teeth



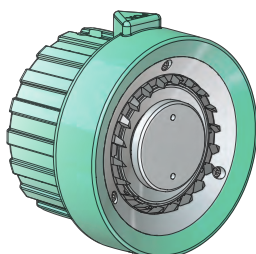
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	150 GPM	100 PSI			28062.NST

Legende 150 - Teeth cut in aluminium alloy



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	150 GPM	100 PSI			29289.NST

Legende 150 - Spinning teeth



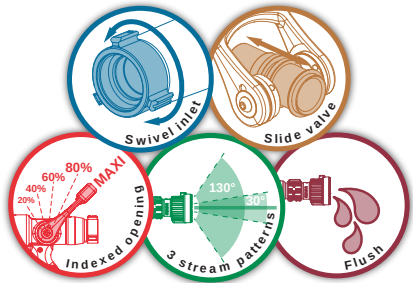
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	150 GPM	100 PSI			29290.NST

Hand nozzles - Autoregulated with slide valve



The entire range of "Legende" hand nozzles have an ultra compact system for pressure regulation that provides a flow rate selectable from the shutoff handle.

The selection of the stream patterns are obtained by turning the head: from straight jet, flashover to wide angle spray.

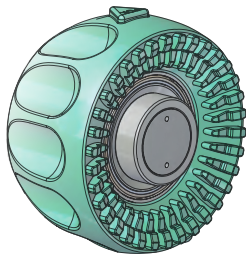


Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 100 to 250 GPM
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Head: molded teeth
Pistol grip: double

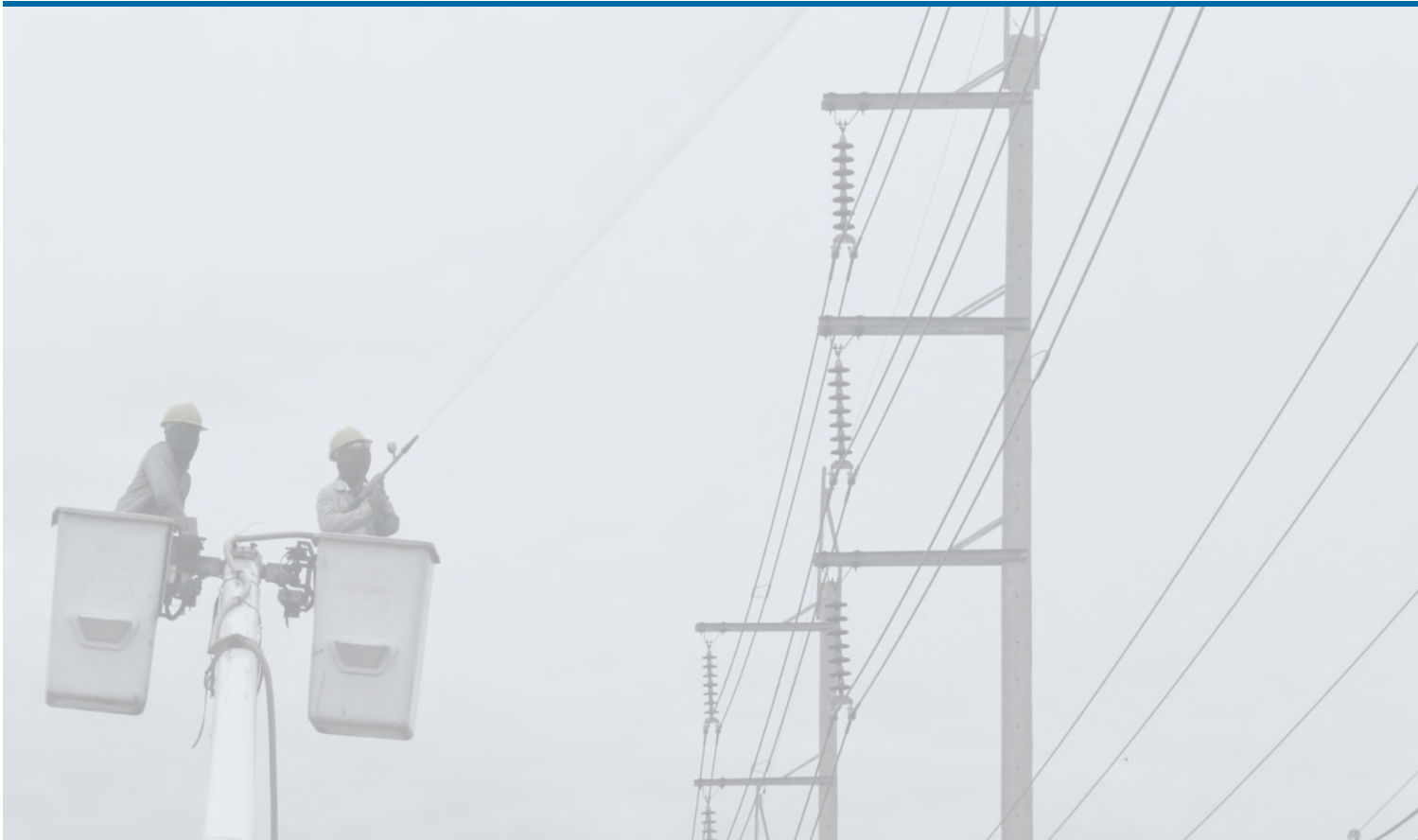
Options: low expansion foam attachment.

Bumper guard colors:

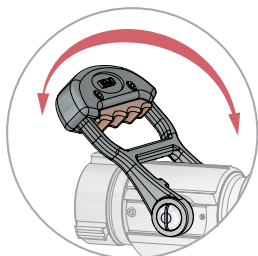
Legende 250



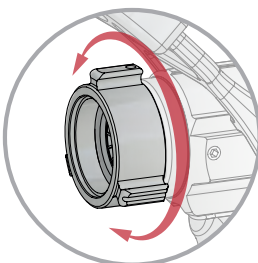
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	250 GPM	100 PSI			28434.NST



Shutoff handle with polyurethane bumper.



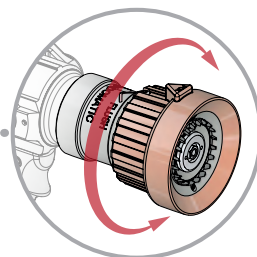
Swivel inlet coupling conform to international norms



Bumper guard with tactile markings indicating the shape of the stream pattern.

3 stream pattern positions: straight jet, flashover (30°), wide angle spray (110°)

The FLUSH position is obtained on full stop limit of the selection ring.



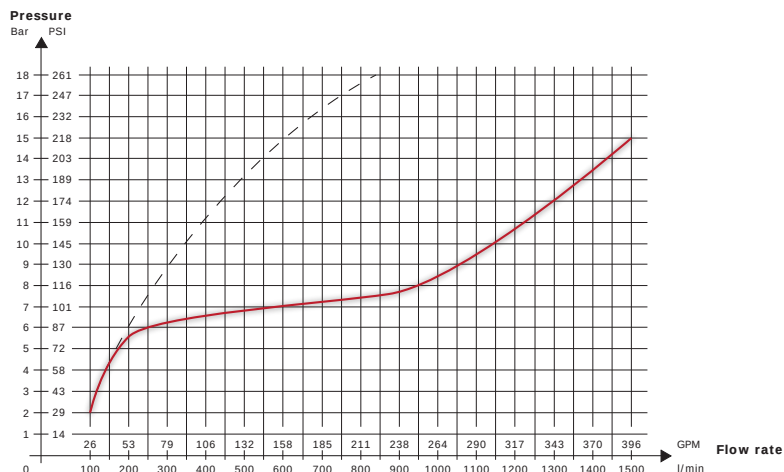
TECHNICAL CHARACTERISTICS

- **Selectable stream pattern:** a continuous rotation of the head ring allows the user to progress from a **straight stream** to **narrow spray** or "Flashover", to a full fog **diffusion cone of 110°** forming a wall of water, followed by a flush position to remove any particles.
- **Swivel inlet connection.**
- **Protection filter** protects against pebbles at the inlet connection.
- Functions under **230 PSI** nominal pressure.
- Quick On/Off shutoff valve.

CURVES FLOW RATE/PRESSURE - For the 200 and 250 GPM versions

This curve represents the pressure variation as a function of the flow rate, inside the "TORNADOMATIC 200" and "TORNADOMATIC 250". Note that the internal regulation device comes into action when the flow rate reaches a value of 80 GPM. After this point, the flow rate increases and is carried out under an approximate constant pressure, from 100 to 116 PSI, up to a value of 250 GPM.

Note: The dotted line shows what should be the pressure to get the same flow rate in the absence of a controlled device.



CONSTRUCTION

- **Aluminium alloy** construction, AGS T5, new titrated alloy, extremely light.
- Resistant to mechanical shock and chemical attack with **50µm hard anodisation**.
 - The head is protected with a **polyurethane bumper guard**. This elastomer does not melt under heat, is an excellent insulator which allows the user to work under high heat conditions without burning and does not stick to the fingers in low temperatures.
- Ergonomic, anti-slip polyurethane pistol grip.
- Pins and screws in stainless steel.

Hand nozzles - Autoregulated with ball valve

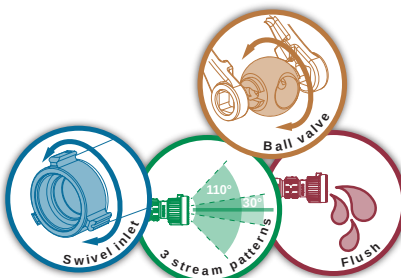


The family of automatically regulated pressure nozzles of 40 GPM offers a regulation range from 10 to 40 GPM and three possible tips to choose from:

Maximatic (molded rubber teeth), Autokador (teeth cut in aluminium alloy) and Tornadomatic (with spinning teeth).

The head ring allows to select different stream patterns (straight jet, flashover and wide angle spray).

The nozzles are available in different versions: "Lite" and "Premium".



Maximum working pressure: 230 PSI

Shutoff: with ball valve

Opening: by operating handle

Flush position: YES

Pressure regulation: from 10 to 40 GPM

Material: aluminium alloy

Surface treatment: hard anodisation

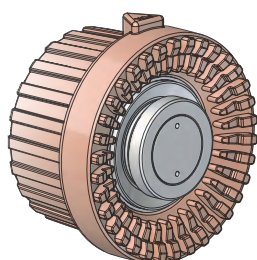
Body type: molded

Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

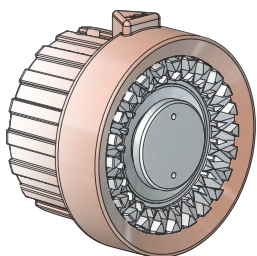
Bumper guard colors:

Maximatic 40 - Eco



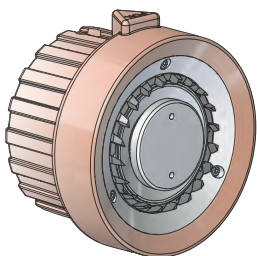
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	100 PSI			28688.1NST
1.5" NST-NH female	40 GPM	100 PSI			28688.NST

Autokador 40 - Eco



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	100 PSI			28689.1NST
1.5" NST-NH female	40 GPM	100 PSI			28689.NST

Tornadomatic 40 - Eco



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	100 PSI			19647.1NST
1.5" NST-NH female	40 GPM	100 PSI			19647.NST



The family of automatically regulated pressure nozzles of 40 GPM offers a regulation range from 10 to 40 GPM and three possible tips to choose from:

Maximatic (molded rubber teeth), Autokador (teeth cut in aluminium alloy) and Tornadomatic (with spinning teeth).

The head ring allows to select different stream patterns (straight jet, flashover and wide angle spray).

The nozzles are available in different versions: "Lite" and "Premium".

Maximum working pressure: 230 PSI

Shutoff: with ball valve

Opening: by operating handle

Flush position: YES

Pressure regulation: from 10 to 40 GPM

Material: aluminium alloy

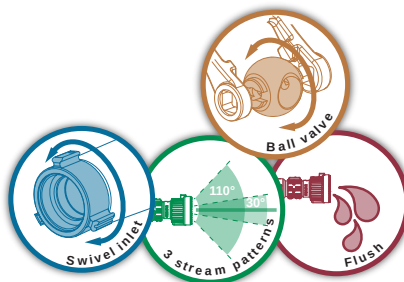
Surface treatment: hard anodisation

Body type: cut into bars

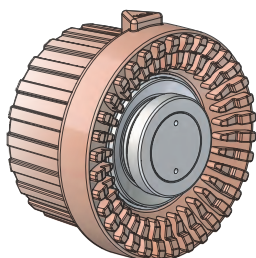
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

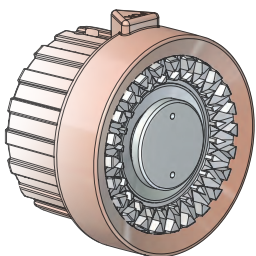


Maximatic 40



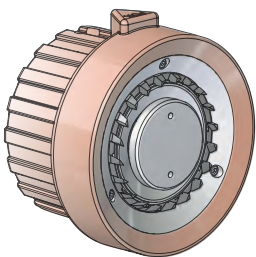
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	100 PSI	9.17 x 10.47 x 4.96	4.19	18531
1.5" NST-NH female	40 GPM	100 PSI			18532

Autokador 40



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	100 PSI	9.17 x 10.47 x 4.96	4.19	18522
1.5" NST-NH female	40 GPM	100 PSI			18523

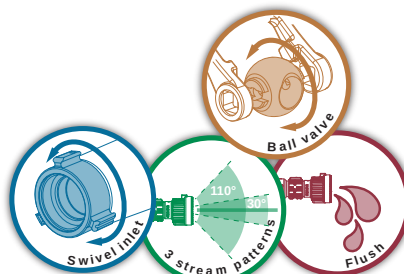
Tornadomatic 40



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	100 PSI	9.17 x 10.47 x 4.96	4.19	02317
1.5" NST-NH female	40 GPM	100 PSI			02316



The family of automatically regulated pressure nozzles of 125 GPM offers a regulation range from 40 to 125 GPM and three possible tips to choose from: Maximatic (rubber molded teeth), Autokador (teeth cut in aluminium alloy) and Tornadomatic (with spinning teeth). The head ring with tactile markings allows to select different stream patterns (straight jet, flashover and wide angle spray).

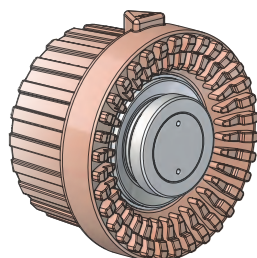


Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 40 to 125 GPM
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

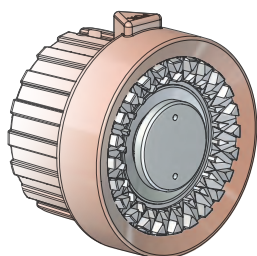
Bumper guard colors:

Maximatic 125



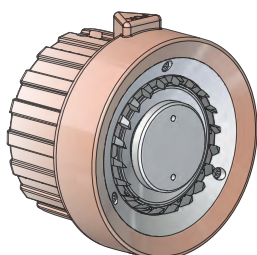
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	125 GPM	100 PSI			18550

Autokador 125



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	125 GPM	100 PSI	10.51 x 10.47 x 4.96	5.18	18544

Tornadomatic 125



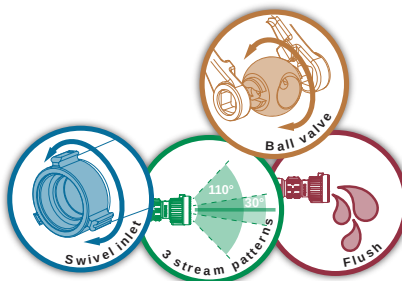
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	125 GPM	100 PSI	10.51 x 10.47 x 4.96	5.18	07674



The family of automatically regulated pressure nozzles of 200 GPM offers a regulation range from 60 to 200 GPM and two possible tips to choose from:

Autokador (teeth cut in aluminium alloy) and Tornadomatic (with spinning teeth).

The head ring with tactile markings allows to select different stream patterns (straight jet, flashover and wide angle spray).



Maximum working pressure: 230 PSI

Shutoff: with ball valve

Opening: by operating handle

Flush position: YES

Pressure regulation: from 60 to 200 GPM

Material: aluminium alloy

Surface treatment: hard anodisation

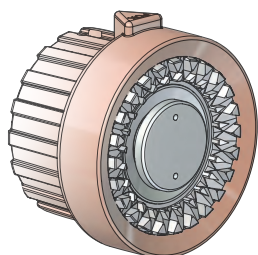
Body type: cut into bars

Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

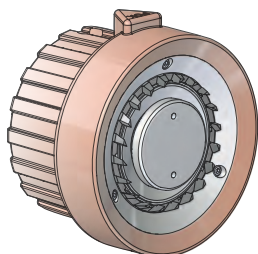
Bumper guard colors:

Autokador 200



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	200 GPM	100 PSI	9.76 x 10.71 x 4.96	6.61	18555
2.5" NST-NH female	200 GPM	100 PSI			18556

Tornadomatic 200



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	200 GPM	100 PSI	9.76 x 10.71 x 4.96	6.61	02375
2.5" NST-NH female	200 GPM	100 PSI			13131



Hand nozzles - Autoregulated with ball valve



The automatically pressure regulated 250 GPM nozzle offers maximum achievable power. The stream patterns are obtained by rotation of the head ring (straight jet, flashover, wide angle spray).

The nozzles are available with two tips: Autokador (teeth cut in aluminium alloy) and Tornadomatic (with spinning teeth).

It has two pistol grips for perfect command.

Maximum working pressure: 230 PSI

Shutoff: with ball valve

Opening: by operating handle

Flush position: YES

Pressure regulation: from 80 to 250 GPM

Material: aluminium alloy

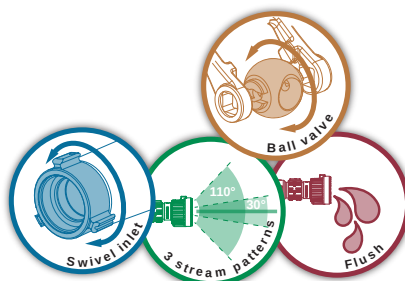
Surface treatment: hard anodisation

Body type: cut into bars

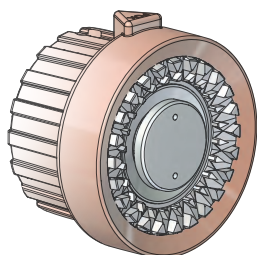
Pistol grip: double

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

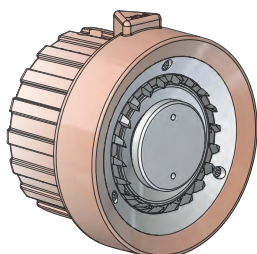


Autokador 250

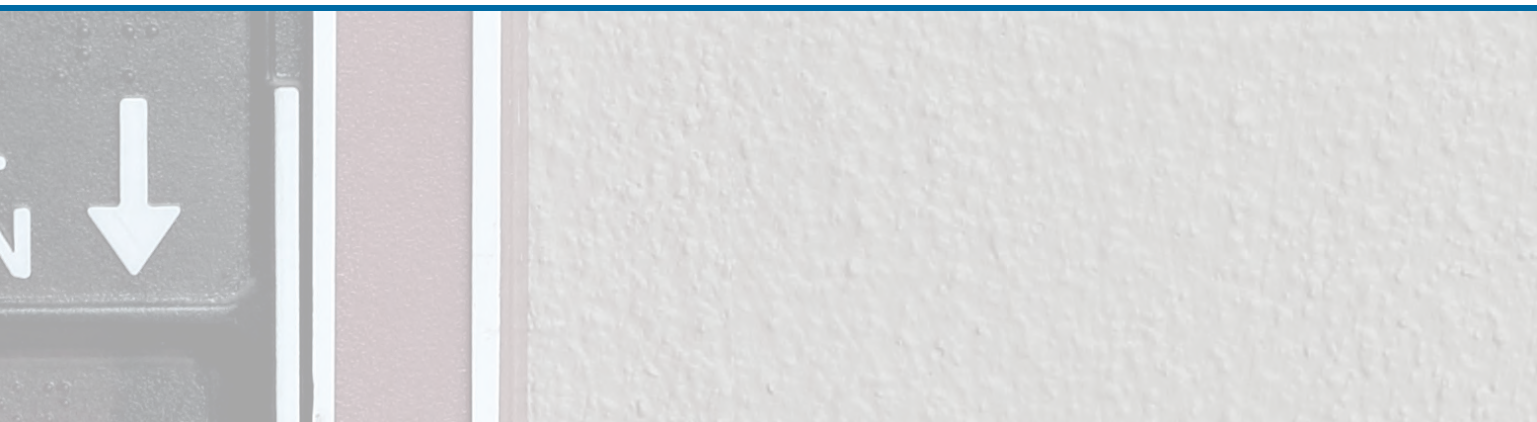


Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	250 GPM	100 PSI	14.09 x 6.54 x 13.31	10.58	12543

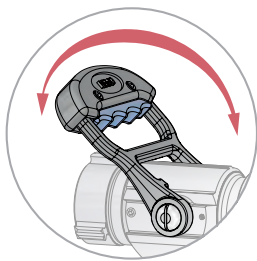
Tornadomatic 250



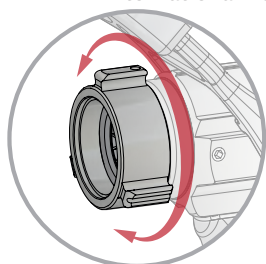
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	250 GPM	100 PSI	14.09 x 6.54 x 13.31	10.58	09736



Shutoff handle with polyurethane protection. Ball valve shutoff with quick and progressive opening and closure.



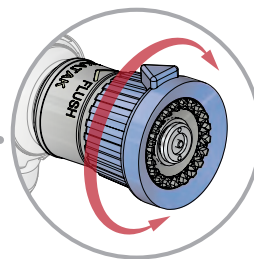
Swivel inlet coupling conform to international norms



Bumper guard with tactile markings indicating the different stream patterns.

3 stream pattern positions: straight jet, flashover (30°), wide angle spray (110°)

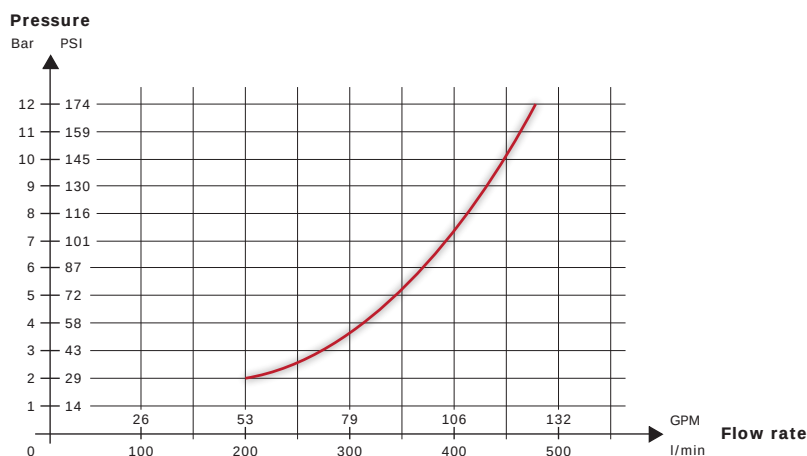
FLUSH position obtained on full stop limit of the selection ring.



TECHNICAL CHARACTERISTICS

- Constant gallonage nozzle
- **Selectable stream pattern:** a continuous rotation of the head ring allows the user to progress from a **straight stream**, to **narrow spray** or "Flashover", to a full spray **diffusion cone of 110°** forming a wall of water, followed by a flush position to remove any particles.
- **Swivel inlet connection.**
- **Protection filter** protects against pebbles at the inlet connection.
- Functions under **230 PSI** nominal pressure.
- Quick On/Off Shutoff valve.

CURVES FLOW RATE/PRESSURE - For the 95 GPM @ 100 PSI version



CONSTRUCTION

- **Aluminium alloy** construction, AGS T5, new titrated alloy, extremely light.
- Resistant to mechanical shock and chemical attack with **50µm hard anodisation**.
- The head is protected with a **polyurethane bumper guard**. This elastomer does not melt under heat, is an excellent insulator which allows the user to work under high heat conditions without burning and does not stick to the fingers in low temperatures.
- Ergonomic, anti-slip polyurethane pistol grip.
- Pins and screws in stainless steel.

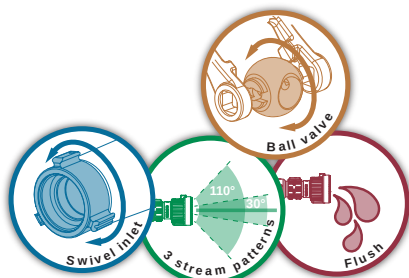
Hand nozzles - Fixed flow rate



The range of nozzles with fixed flow rate of 40 GPM offers a selection of three flow patterns by rotating the head ring (straight jet, flashover and wide angle spray).

The nozzles are available in the versions: "Lite" and "Premium".

There are three possible tips to choose from: Pokinor (molded rubber teeth), Pokatak (teeth cut in aluminium alloy) and Pokador (with spinning teeth).



Maximum working pressure: 230 PSI

Shutoff: with ball valve

Opening: by operating handle

Material: aluminium alloy

Surface treatment: hard anodisation

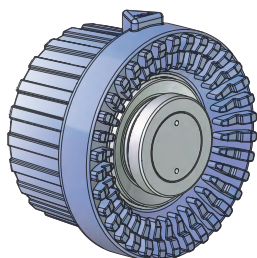
Body type: molded

Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

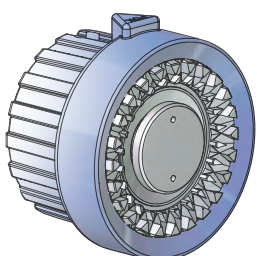
Bumper guard colors: black, red, green, blue, yellow, orange

Pokinor 40 - Eco



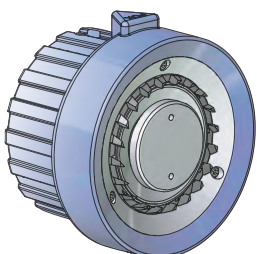
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	40 GPM	100 PSI			28690.NST

Pokatak 40 - Eco



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	40 GPM	100 PSI			28691.NST

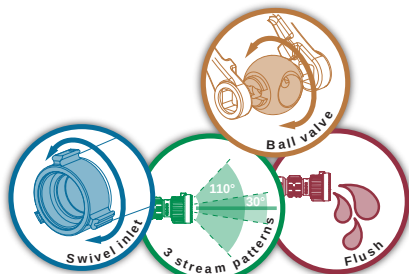
Pokador 40 - Eco



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	40 GPM	100 PSI			19652.NST



The range of nozzles with fixed flow rate of 40 GPM offers a selection of three flow patterns by rotating the head ring (straight jet, flashover and wide angle spray). The nozzles are available in the versions: "Lite" and "Premium". There are three possible tips to choose from: Pokinor (molded rubber teeth), Pokatak (teeth cut in aluminium alloy) and Pokador (with spinning teeth).

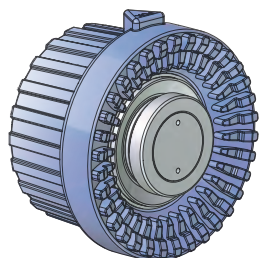


Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

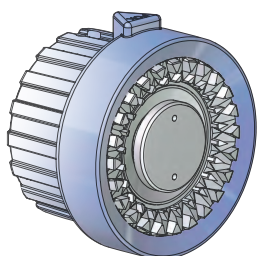
Bumper guard colors:

Pokinor 40



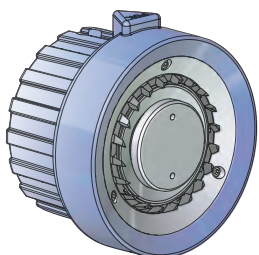
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	100 PSI	9.17 x 10.47 x 4.96	4.19	18502

Pokatak 40



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	100 PSI	9.17 x 10.47 x 4.96	4.19	18497

Pokador 40

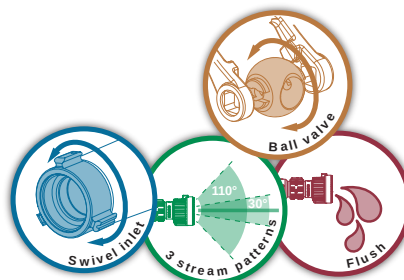


Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	100 PSI	9.17 x 10.47 x 4.96	4.19	03570

Hand nozzles - Fixed flow rate



The range of nozzles with fixed flow rate of 150 GPM offers a selection of three flow patterns by rotating the head ring (straight jet, flashover and wide angle spray).
The open/close shutoff is easy to operate.
The nozzles are offered with three possible tips to choose from: Pokinor (rubber molded teeth), Pokatak (teeth cut in aluminium alloy) and Pokador (with spinning teeth).

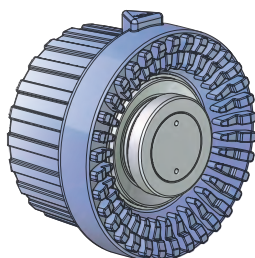


Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

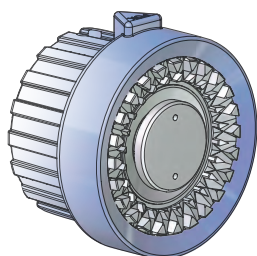
Bumper guard colors:

Pokinor 150 GPM



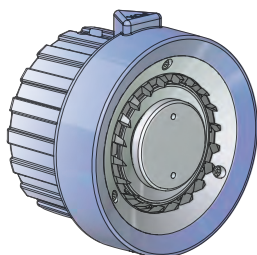
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	125 GPM	100 PSI			18505
1.5" NST-NH female	150 GPM	100 PSI			18506

Pokatak 150 GPM



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	125 GPM	100 PSI	10.51 x 10.47 x 4.96	5.18	18500
1.5" NST-NH female	150 GPM	100 PSI	10.51 x 10.47 x 4.96	5.18	18501

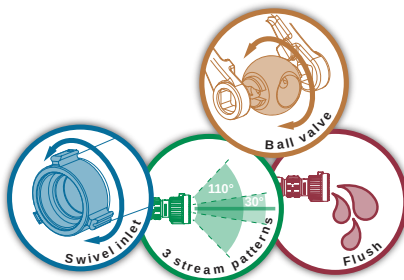
Pokador 150 GPM



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	125 GPM	100 PSI	10.51 x 10.47 x 4.96	5.18	03567
1.5" NST-NH female	150 GPM	100 PSI	10.51 x 10.47 x 4.96	5.18	03566



The range of nozzles with fixed flow rate of 200 GPM offers a selection of three flow patterns by rotating the head ring (straight jet, flashover and wide angle spray). The open/close shutoff is easy to operate. The nozzles are offered with two possible tips to choose from: Pokatak (teeth cut in aluminium alloy) and Pokador (with spinning teeth).

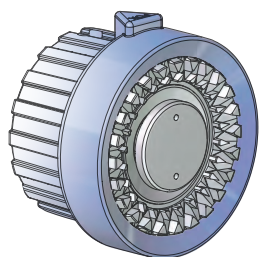


Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

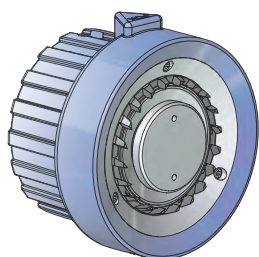
Bumper guard colors:

Pokatak 200



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	200 GPM	100 PSI	9.76 x 10.71 x 4.96	6.61	18536

Pokador 200



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	200 GPM	100 PSI	9.76 x 10.71 x 4.96	6.61	08932



Hand nozzles - Fixed flow rate

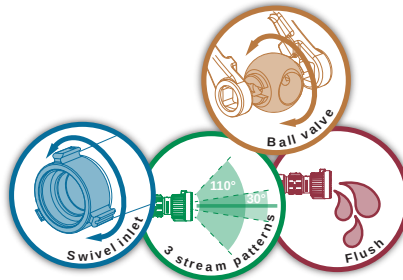


The range of nozzles with fixed flow rate of 300 GPM provides the best possible power and manoeuvrability. They come with two pistol grips. The head ring with tactile markings allows different flow patterns selection (straight jet, flashover and wide angle spray). The 300 GPM nozzles are offered with two possible tips to choose from: Pokatak (teeth cut in aluminium alloy) and Pokador (with spinning teeth).

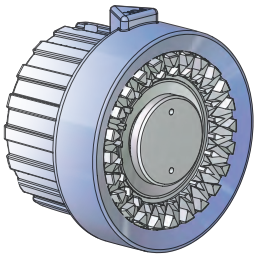
Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

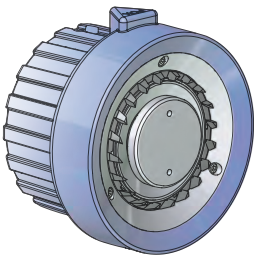


Pokatak 300

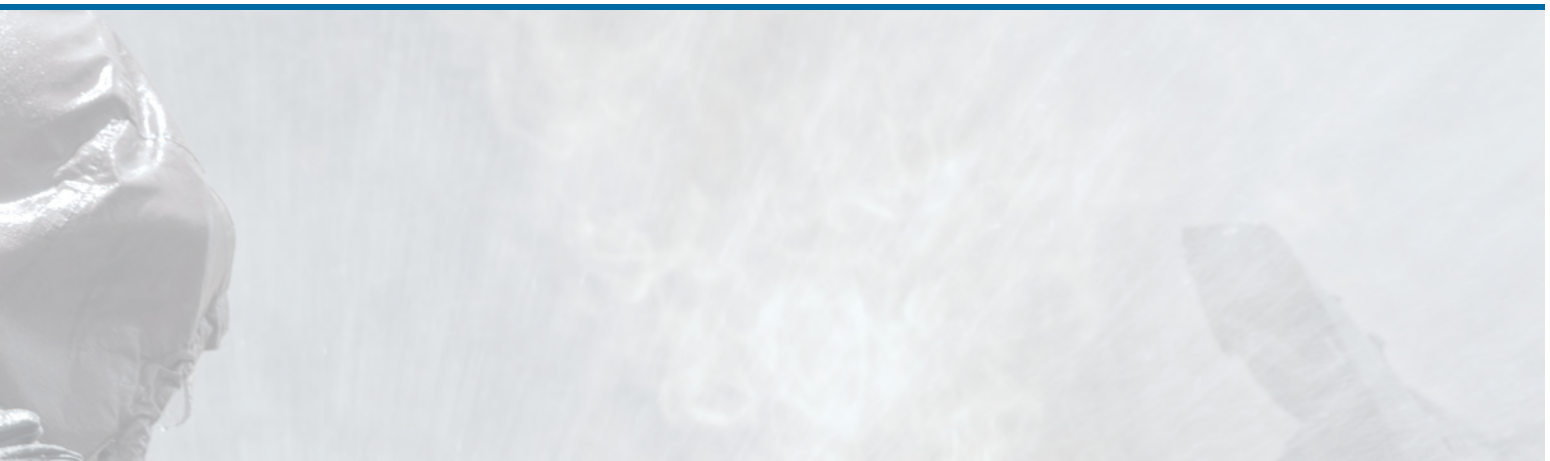


Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	300 GPM	100 PSI	14.09 x 6.54 x 13.31	10.58	18538

Pokador 300



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	300 GPM	100 PSI	14.09 x 6.54 x 13.31	10.58	08934



To tailor your hand nozzles, a large range of colors are available for the bumper guards, shutoff handle covers and pistol grips in polyurethane or polyamide.

Bumper guards



Description	Debikador Turbokador 40	Weight (lbs)	Turbokador Debikador 125	Weight (lbs)	Debikador 200	Weight (lbs)	Debikador 350	Weight (lbs)
Black	13587	0.15	22477	0.30	22831	0.49	22710	0.55
Red-RAL3024	20931	0.15	22478	0.30	22832	0.49	22711	0.55
Orange-RAL2005	20932	0.15	22479	0.30	22833	0.49	22712	0.55
Yellow-RAL1026	20933	0.15	22480	0.30	22834	0.49	22713	0.55
Green-RAL6024	20934	0.15	22481	0.30	22835	0.49	22714	0.55
Blue-RAL5010	20936	0.15	22483	0.30	22837	0.49	22716	0.55

Bumper guards with molded rubber teeth



Description	Magikador 125	Weight (lbs)	Magikador 200	Weight (lbs)	Magikador 350	Weight (lbs)
Black	22975	0.35	22548	0.55	22989	0.66
Red-RAL3024	22976	0.35	22549	0.55	22990	0.66
Orange-RAL2005	22977	0.35	22550	0.55	22991	0.66
Yellow-RAL1026	22978	0.35	22551	0.55	22992	0.66
Green-RAL6024	22979	0.35	22552	0.55	22993	0.66
Blue-RAL5010	22981	0.35	22554	0.55	22995	0.66

Crowned bumper guards



Description	Magikador 40	Weight (lbs)	Slide-o-matic 150	Weight (lbs)	Legend 125	Weight (lbs)	Magikador 350	Weight (lbs)
Black	24804	0.23	24818	0.68	24797	0.35	24811	0.81
Red-RAL3024	24805	0.23	24819	0.68	24798	0.35	24812	0.81
Orange-RAL2005	24806	0.23					24813	0.81
Yellow-RAL1026	24807	0.23					24814	0.81
Green-RAL6024	24890	0.23	24892	0.68	24894	0.35	24816	0.81
Blue-RAL5010	24809	0.23					24893	0.81

Shutoff handle protectors



Description	French inscriptions	English inscriptions	German inscriptions	Chinese inscriptions
Black	13675	13689	13696	27570
Red-RAL3024	13671	13685	13692	27566
Orange-RAL2005	13670	13684	13691	27565
Yellow-RAL1016	13669	13683	13690	27564
Green-RAL6024	13673	13687	13694	27568
Blue-RAL5010	13672	13686	13693	27567

Pistol grips



Description	Ref.	Weight (lbs)
Black	24161	0.27
Red-RAL3024	24162	0.27
Orange-RAL2005	24163	0.27
Yellow-RAL1026	24164	0.27
Green-RAL6024	24165	0.27
Blue-RAL5010	24167	0.27

Shutoff handle in polyamide



Description	Ref.	Weight (lbs)
Black	17739	0.11
Red-RAL3024	16732	0.11
Orange-RAL2005	16731	0.11
Yellow-RAL1026	16730	0.11
Green-RAL6024	16734	0.11
Blue-RAL5010	16733	0.11

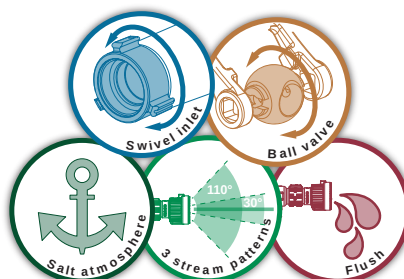
Hand nozzles - Marine type - Fixed flow rate



The Pokabronze nozzle with fixed flow rate is entirely made of bronze. It comes with a molded teeth tip.

The bumper guard allows the selection of different stream patterns (straight jet, flashover and wide angle spray).

The US Navy chose these nozzles to protect its ships against fire.



Maximum working pressure: 230 PSI

Shutoff: with ball valve

Opening: by operating handle

Flush position: YES

Material: bronze

Body type: molded

Head: molded teeth

Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors: ●

Equips the US Navy



Pokabronze 125



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	60 GPM	100 PSI	8.66 x 9.33 x 4.57	8.66	08986
1.5" NST-NH female	125 GPM	100 PSI	8.66 x 9.33 x 4.57	8.66	08988
1.5" NPSH female	95 GPM	100 PSI	8.66 x 9.33 x 4.57	8.66	14497
1.5" NST-NH female	95 GPM	100 PSI	8.66 x 9.33 x 4.57	8.66	14497.NST

Pokabronze 250



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	250 GPM	100 PSI	10.75 x 9.57 x 4.72	12.50	17090



Turbokabronze 125



The Turbokabronze nozzle with selectable flow rates and stream patterns is entirely made of bronze. A calibrated ring allows to select the flow rates. The flow patterns are obtained by rotating the head ring: straight jet, flashover and wide angle spray. It is equipped with a tip with spinning teeth.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	30-60-95 GPM	100 PSI	9.53 x 9.33 x 4.57	11.11	08945
1.5" NST-NH female	60-95-125 GPM	100 PSI	9.53 x 9.33 x 4.57	11.11	08946

Maximum working pressure: 230 PSI

Shutoff: with ball valve

Opening: by operating handle

Flush position: YES

Material: bronze

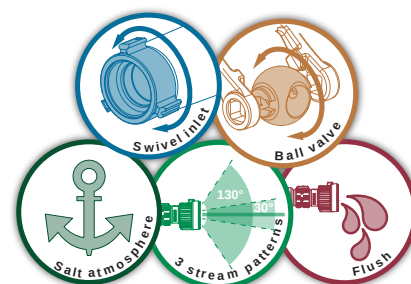
Body type: molded

Head: spinning teeth

Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors: ●



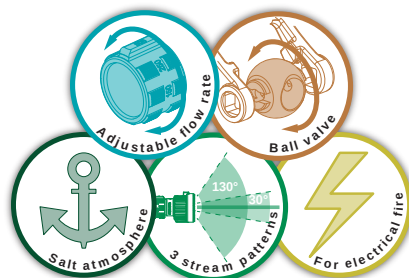
Hand nozzles - Marine type - Selectable flow rate



The entire range of Turbokador nozzles in stainless steel have selectable flow rates and are available with several tips: aluminium or bronze, for electrical fires.

The stream pattern is obtained by rotating the head ring. The selection of the flow rates is done by rotating the ring.

These nozzles are marine and made to last in a corrosive environment.



Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: bronze, stainless steel, aluminium
Body type: molded
Head: spinning teeth
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors: ●

Approved by French navy



Turbokador 130 for electric fires - marine type

Body in stainless steel 316L, tip in bronze



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	50-80-130 GPM	100 PSI			00235.NST

Turbokador 125 for electric fires - marine type

Body in stainless steel 316L, tip in anodised aluminium alloy



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	50-80-125 GPM	100 PSI			08049.NST



Turbokador 125

Body in stainless steel 316L, tip in anodised aluminium alloy



The stream pattern is selectable from the head ring. An indexed ring allows to select the flow rates.

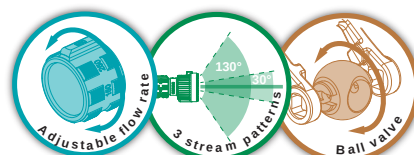
The French Navy chose these nozzles to protect its nuclear aircraft carrier against fire.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	30-60-95-125 GPM	100 PSI			09188.NST

Maximum working pressure: 230 PSI
 Shutoff: with ball valve
 Opening: by operating handle
 Flush position: YES
 Material: stainless steel, aluminium
 Body type: molded
 Head: spinning teeth
 Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors: ●



Turbokador 125 for electric fires

Body in stainless steel 316L, tip in anodised aluminium alloy.

On this nozzle, straight jet and flush positions were removed for a greater safety of the fireman.



Turbokador model with stainless steel body, aluminium alloy tip, selectable flow rate and for electric fires.

The stream pattern is selectable from the head ring. An indexed ring allows to select the flow rates.

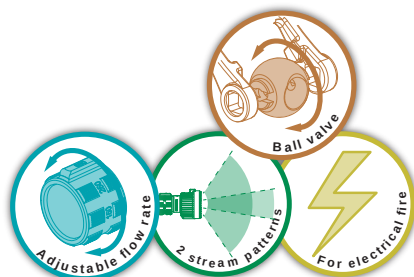
The French Navy chose these nozzles to protect its nuclear aircraft carrier against fire.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	40-80-125 GPM	100 PSI			08031.NST

Maximum working pressure: 230 PSI
 Shutoff: with ball valve
 Opening: by operating handle
 Material: stainless steel, aluminium
 Body type: molded
 Head: spinning teeth
 Pistol grip: one

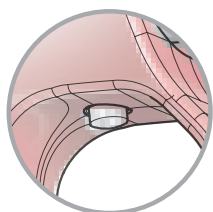
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors: ●



Criquet

Other tips are possible on request.



Locking knob of the trigger

Our high pressure nozzle "CRIQUET" can operate with a fixed flow rate of 40 GPM and at a pressure of 580 PSI. Rotation of the bumper enables the selection of the stream patterns (straight jet, flashover, wide angle spray).

A better handling is provided through a swivel inlet coupling and optional swivel elbow. The operating handle trigger comes with a locking knob. The lock is released when pressing once on the handle.

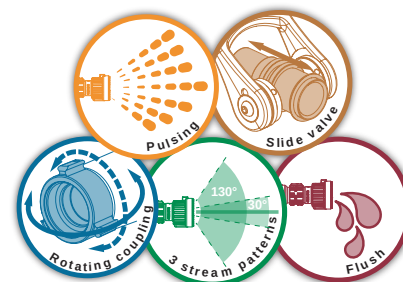
The nozzle is made of aluminium alloy, hard anodised.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	580 PSI			35708.NST

Maximum working pressure: 580 PSI
Shutoff: with slide valve
Opening: by trigger
Trigger locking: YES
Flush position: YES
Material: aluminium
Surface treatment: hard anodisation
Body type: molded
Head: molded teeth

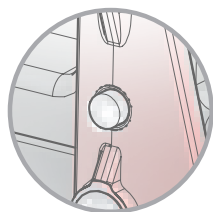
Options: carrying strap, orientable elbow.

Bumper guard colors: ●



Damster

Other tips are possible on request.



Locking knob of the trigger

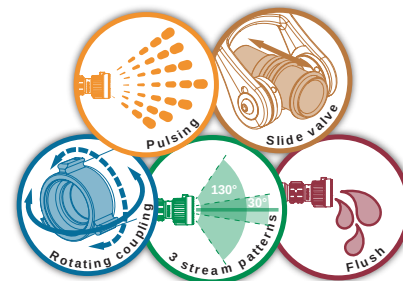
Our high pressure nozzle DAMSTER can operate at 580 PSI. A better handling is provided through a swivel coupling and optional swivel elbow. The flow rates are obtained by rotating the ring. The bumper with tactile markings enables to select the different stream patterns (straight jet, flashover, wide angle spray). The grip handle comes with a locking knob. The lock is released when pressing once on the handle.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40 GPM	580 PSI			35707.NST

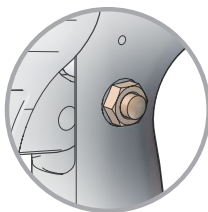
Maximum working pressure: 580 PSI
Shutoff: with slide valve
Opening: by trigger
Trigger locking: YES
Flush position: YES
Material: aluminium
Surface treatment: hard anodisation
Body type: molded
Head: molded teeth

Options: low expansion foam attachment, medium expansion foam attachment, carrying strap, orientable elbow.

Bumper guard colors: ●●●●●●



Black gun



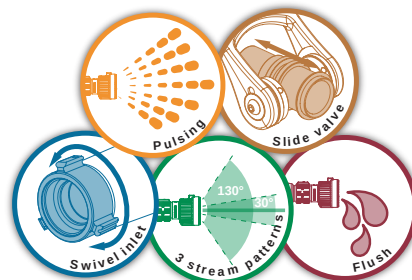
Locking knob of the trigger

Our high pressure nozzle "Black gun" was designed to operate at 100 PSI. It is equipped with a selectable flow rate and stream patterns (straight jet, flashover, wide angle spray) of 60 GPM. Its ergonomic handle is suitable for the pulsing mode.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	15-40-60 GPM	100 PSI			35894.NST

Maximum working pressure: 230 PSI
Shutoff: with slide valve
Opening: by trigger
Trigger locking: YES
Flush position: YES
Material: aluminium
Surface treatment: hard anodisation
Body type: molded
Head: spinning teeth

Bumper guard colors: 



Galaxie



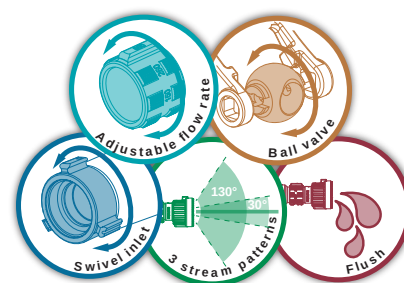
The "Galaxie" nozzle is simple and efficient. The flow rate ring allows to select from different flow rates: 15, 30, 60, 90 and 125 GPM at 100 PSI. The head ring is used to operate the stream patterns (straight jet, flashover, wide angle spray). The Galaxie nozzle comes with a tip with spinning teeth. The shutoff handle operates the open/close positions.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	15-30-60-90-125 GPM	100 PSI			18655.NST

Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium
Surface treatment: polyester coating, hard anodisation
Body type: molded
Head: spinning teeth

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors: ●



Flash



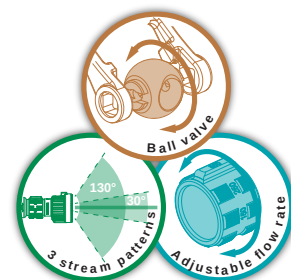
Our range of "Flash" nozzles are simple and robust. They are available in three flow rates: 25, 60 or 100 GPM at 100 PSI. The stream patterns are adjusted via the head ring. The "gamma" handle operates the open/close positions of the nozzle.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	25 GPM	100 PSI			23014
1.5" NST-NH female	60 GPM	100 PSI			23015
1.5" NST-NH female	100 GPM	100 PSI			23016

Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium
Surface treatment: polyester coating, hard anodisation
Body type: molded
Head: smooth

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors: ●



The "Belier" nozzle is designed to reach and extinguish fires in closed rooms. It is of particularly robust design in stainless steel construction. Four grip handles allow intervention in pairs. It offers the choice of multiple configurations: short or long extension, shutoff valve ... It is equipped with an interchangeable stainless steel tip.

Maximum working pressure: 230 PSI
Shutoff: option
Material: stainless steel
Options: shutoff with ball valve

Configuration with pistol grip



Configuration with four grips



"Belier" nozzle



Inlet	Flow rate	Working pressure	Dimensions (ft)	Weight (lbs)	Ref.
1.5" NST-NH female	120 GPM	100 PSI	5	25.77	02306
1.5" NST-NH female	120 GPM	100 PSI	3	18.57	08955

"Belier" nozzle accessories - tip in stainless steel



Description	Flow rate	Working pressure	Weight (lbs)	Ref.
Tip in stainless steel male ISO M36 x 200	120 GPM	100 PSI	2.54	00801

"Belier" nozzle accessories - piercing tip in stainless steel



Description	Weight (lbs)	Ref.
Piercing tip stainless steel	0.18	14468

"Belier" nozzle accessories - straight tube



Description	Weight (lbs)	Ref.
Straight tube, without shutoff, without piercing tip, 1.5" NST-NH female	4.06	11926

"Belier" nozzle accessories - storage bracket with rubber strap



Description	Weight (lbs)	Ref.
Storage bracket in aluminium alloy	0.99	18689

The fog application nozzle is used to clean large tanks.

A fog head is screwed to the end of the nozzle to ensure a homogeneous spray. Depending on the shape of the tank, several configurations are possible: elbow of 45° or 90°.

It can also be equipped with a filter shutoff for opening and closing the waterway.

Maximum working pressure: 230 PSI

Shutoff: with ball valve

Opening: by operating handle

Material: stainless steel

Bumper guard colors:



Configuration without extension
with applicator with 45° bend



Fog application nozzle - Filter shutoff



Inlet	Outlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	SG DN40	120 GPM	100 PSI			07353.NST

Fog application nozzle - straight extension-piece



Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
SG DN40	SG DN40	62.99 x 2.95 x 2.95	2.82	07357

Fog application nozzle - applicator with 90° bend



Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
SG DN40	1" BSP male	65.87 x 2.95 x 15.98	3.09	07354

Fog application nozzle - applicator with 45° bend



Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
SG DN40	1" BSP male	70 x 2.95 x 12.05	2.93	07356

Fog application nozzle - fog head



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" BSP female	120 GPM	100 PSI	5.98 x 1.65 x 1.65	2.82	07355

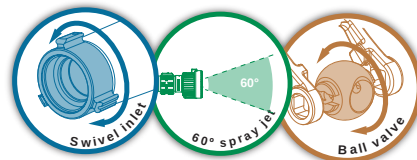
"Chimney" nozzle



The "Chimney" nozzle is used to extinguish fires such as high-beam fires or fires in dropped ceilings or chimneys. It has a robust and lightweight design. It offers a 7 GPM limited flow to avoid any water damage.

It is composed of an American shutoff, a straight part with an elbow of 45° at the end and a conical diffuser to achieve a 60° spray.

Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: anodisation
Body type: cut into bars
Head: smooth

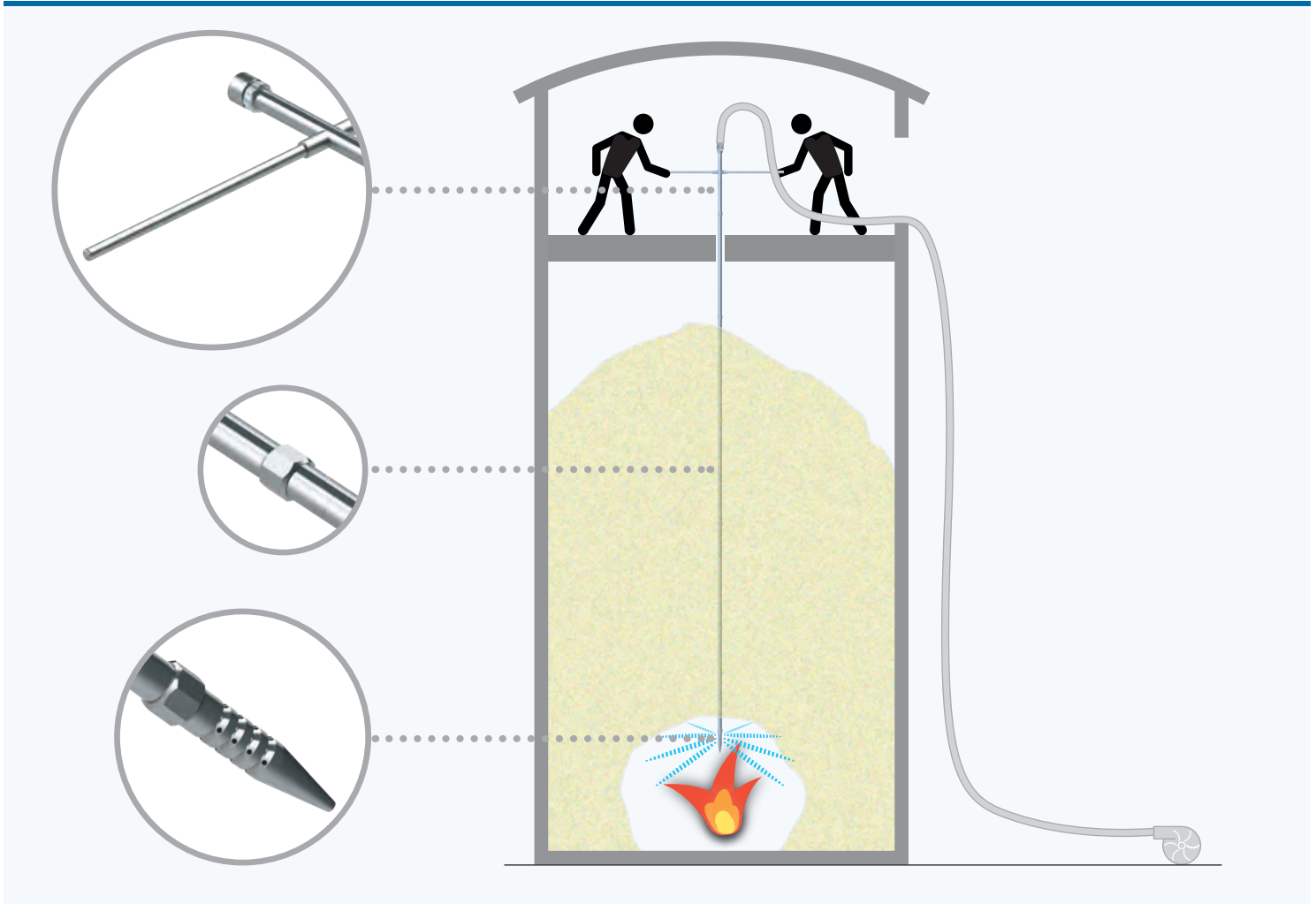


Inlet	Flow rate (GPM)	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	7	85 PSI			03529.NST



The "Gerico" nozzle was specially designed for silo fires. It allows through its various extensions to reach the heart of the fire source located several tens of meters in the silo. It consists of an operating handle with a diffusion tip. Its configuration offers the ability to add the number of extensions required depending on the silo.

Maximum working pressure: 230 PSI
Material: stainless steel



"Gerico" nozzle



Inlet	Flow rate (GPM)	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	170	100 PSI			13250.NST

Extension



Description	Weight (lbs)	Ref.
5" extension in stainless steel, inlet female 1.25" BSP, outlet male 1.25" BSP	11.24	24566

Our shutoffs are available in several configurations: open/close horseshoe handle shaped, "gamma", aluminium alloy construction.



Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle or lever
Material: aluminium alloy

Bumper guard colors: 

Shutoff with swivel threaded inlet



Inlet	Outlet	Waterway	Weight (lbs)	Ref.
Swivel 1" NST-NH female	1" NST-NH male	1"	2.49	09981
Swivel 1.5" NST-NH female	1.5" NST-NH male	1"	2.65	09983
Swivel 1.5" NST-NH female	1.5" NST-NH male	1-3/8"	2.65	09985
Swivel 2.5" NST-NH female	1.5" NST-NH male	1-3/8"	3.53	09986
Swivel 2.5" NST-NH female	2.5" NST-NH male	2"	4.94	09989

Shutoff with casted body



Inlet	Outlet	Waterway	Weight (lbs)	Ref.
Swivel 1.5" NST-NH female	1.5" NST-NH male	1-1/4"	2.09	90018

Shutoffs with pistol grip



Our shutoffs are available in several configurations: one or two handle grips, open/close horseshoe handle shaped, "gamma", aluminium alloy construction.



Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle or lever
Material: aluminium alloy ou bronze

Bumper guard colors:



Shutoff with one pistol grip



Inlet	Outlet	Waterway	Weight (lbs)	Ref.
Swivel 1" NST-NH female	1" NST-NH male	5/8"	1.92	13341
Swivel 1" NST-NH female	1" NST-NH male	1"	2.78	09982
Swivel 1.5" NST-NH female	1.5" NST-NH male	1"	3.22	09984
Swivel 2.5" NST-NH female	1.5" NST-NH male	1-3/8"	4.85	09987
Swivel 1.5" NST-NH female	1.5" NST-NH male	1-3/8"	3.22	09990

Shutoff with two pistol grips



Inlet	Outlet	Waterway	Weight (lbs)	Ref.
Swivel 2.5" NST-NH female	1.5" NST-NH male	1-3/8"	6.50	09988

Shutoff with casted body



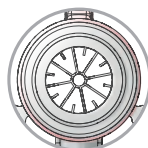
Inlet	Outlet	Waterway	Weight (lbs)	Ref.
Swivel 1.5" NST-NH female	1.5" NST-NH male	1-3/8"	3.70	07669
Swivel 1.5" NST-NH female	1.5" NST-NH male	1-1/4"	2.65	90017

Pistol grips without shutoff

With jet straightener and filter



Inlet	Outlet	Waterway	Weight (lbs)	Ref.
Swivel 1.5" NST-NH female	1.5" NST-NH male	1-3/8"	1.96	02320



Inside view of the jet straightener and filter

The waterwall nozzles are used for fire protection of tanks or sensitive equipment and against radiant heat and flying sparks.

The plate to obtain the water curtain is made in aluminum and has streaks for better maintenance of the spray in difficult weather conditions with strong wind.

It is equipped with a handle and a stabilizing device for the ground.

Maximum working pressure: 230 PSI
Material: aluminium
Surface treatment: polyester coating
Handle: one
Body type: molded

Transportable waterwall nozzles



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
Swivel 1.5" NST-NH female	130 GPM	85 PSI	9.53 x 12.6 x 5.12	3.20	02238
Swivel 2.5" NST-NH female	320 GPM	85 PSI	13.23 x 15.71 x 6.3	7.36	02239

The waterwall nozzle in stainless steel are made for marine environment.

Maximum working pressure: 230 PSI
Material: stainless steel

Transportable waterwall nozzles in stainless steel



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
2" NPT male	320 GPM	85 PSI	12.6 x 3.94	4.85	23135



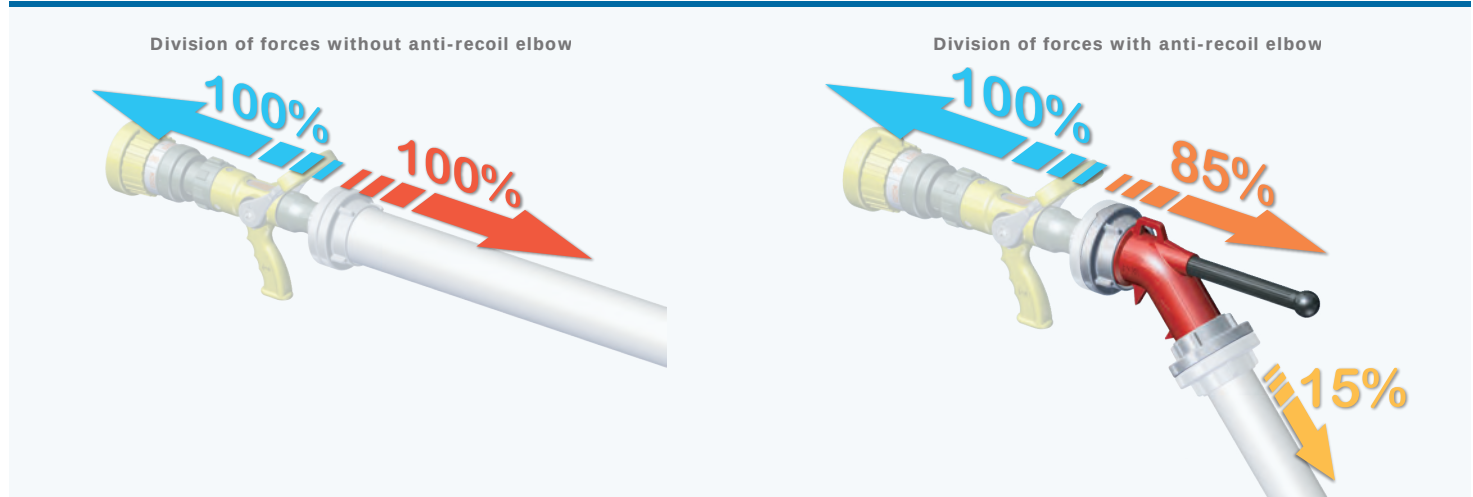
DESCRIPTION

The anti-recoil elbow DIN 14-368 is supplied in all firefighting vehicles in Germany, Austria, and in all countries referring to the German DIN standard. The anti-recoil elbow is used when the capacity of the fire nozzle exceeds 100 GPM at 85 PSI. Its basic function is to reduce the effort supported by the operator. The effort is reduced by about 15%. Indeed, a fire nozzle of 125 GPM at 85 PSI exerts a reaction force of 66 lbs. Reducing this reaction to 56 lbs is felt immediately; it reduces fatigue and improves the safety of the nozzle operator.

The anti-recoil elbow DIN standard has a handle to facilitate gripping. The handle may also be positioned on the shoulder of the operator.

A hook on the bottom of the device allows for the positioning on a ladder rung or on a railing. The anti-recoil elbow DIN 14-368 is equipped with Storz couplings B/75 that can be easily replaced by British Instantaneous couplings 2,5", by American NST-NH couplings 2,5" or by French couplings DSP DN65.

When the couplings are of the symmetric type, the inlet and outlet can be mounted on the device and elbow reversed positioned on the ground, thus eliminating the recoil force for the operator.



Maximum working pressure: 230 PSI
Type of handle: one
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Anti-recoil elbows - 230 PSI



According to
DIN 14 368
PVR 1/05



Description	Weight (lbs)	Ref.
Inlet swivel 2.5" NST-NH female, outlet 2.5" NST-NH male	3.75	16036

Anti-recoil elbows - 230 PSI



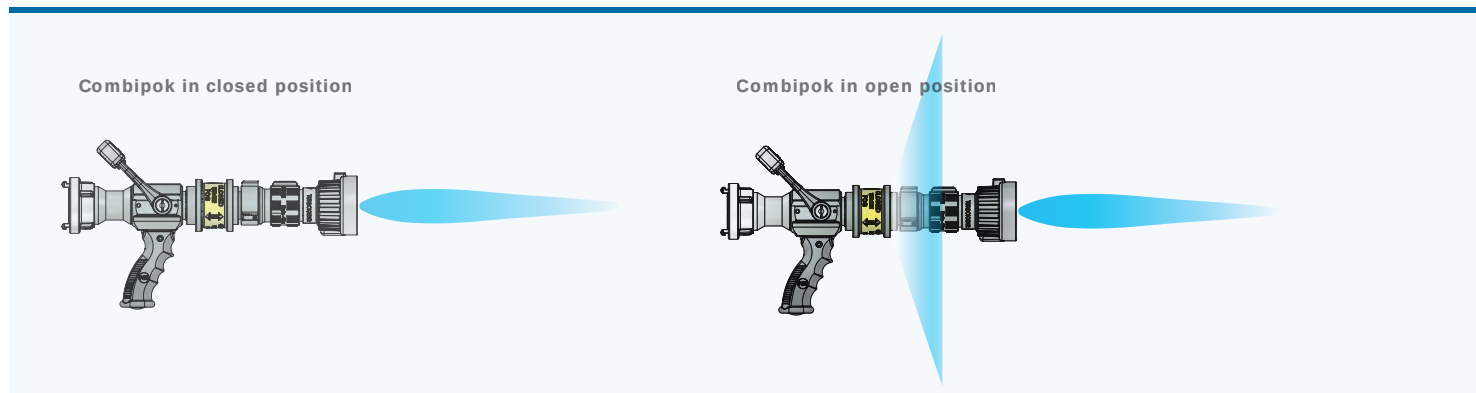
Description	Weight (lbs)	Ref.
DN40, inlet swivel 1.5" NST-NH female, outlet 1.5" NST-NH male	2.12	02308
DN65, inlet swivel 2.5" NST-NH female, outlet 2.5" NST-NH male	6.57	02309

DESCRIPTION

The **combination straight jet and full spray** allows to fight the fire and protect the nozzle operator simultaneously. The **COMBIPOK** was designed to protect value and courage.

To fight the ignition source with a straight jet allows rapid extinction. However, the heat given off by the fire causes the nozzle operator to stay away, limiting the effect of the water jet. The water screen incorporated into the nozzle, ensures at the same time the protection of nozzle operator against radiant heat and induces a cooler environment. Simultaneously, the straight jet allows optimum fight of the fire.

The combination straight jet and waterwall has been carried out in production in Germany 90 years ago for the first time. **The COMBIPOK is the modern solution to an old problem.**



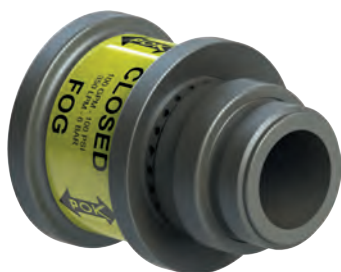
TECHNICAL CHARACTERISTICS

The waterwall is activated when pulling the operating ring (for the Combipok I) and turning the operating ring (for the Combipok II)

- The screen is turned off by performing the reverse rotation.
- **Waterway diameter:** 1-3/8".
- **Water flow rate of the waterwall:** 100 GPM at 100 PSI.
- Made of aluminum alloy (cut in solid bar).
- Is mounted to a stop valve with a waterway diameter of Ø 1-3/8", a pistol grip, a shutoff handle "Open • Closed", a sphere in Rilsan made of 30% glass, please precise the inlet coupling type.
- **Different nozzles are available as outlets:**
 - Ø 3/8" , Ø 1/2" , Ø 5/8" , Ø 3/4" , Ø 7/8" , Ø 15/16 and Ø 1"

The straight jet can be replaced by an automatic tip transforming the fire nozzle into a nozzle combining multiple spray patterns and a protective waterwall.

Combipok I



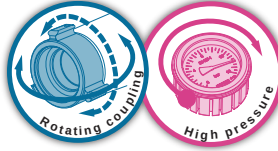
Inlet	Outlet	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	1.32	14196
1.5" NPSH female	1.5" NPSH male	1.32	14300

Combipok II



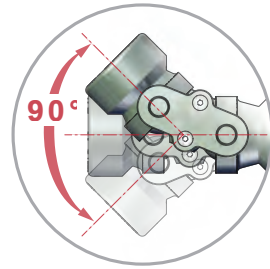
Inlet	Outlet	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	1.34	14476
1.5" NPSH female	1.5" NPSH male	1.34	14483

High pressure swivel coupling in aluminum alloy with hard anodisation.
It offers a 15% reduction of the recoil force supported by the nozzle operator.



Material: aluminium
Surface treatment: hard anodisation

Unidirectional swivel elbows for high pressure nozzles

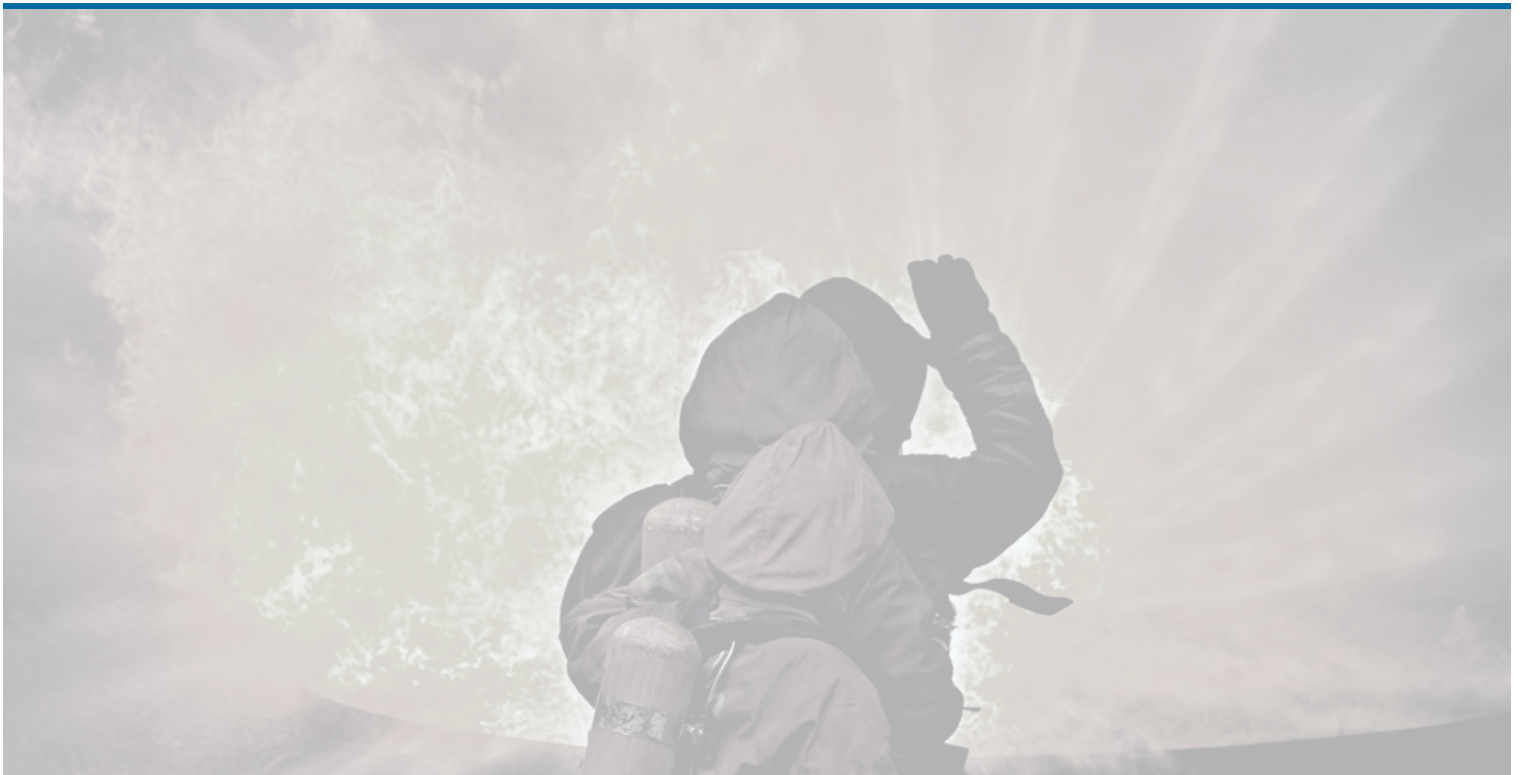


Inlet	Outlet	Maximum working pressure	Waterway Ø (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	580 PSI	1-5/8"		37344.NST

Bidirectional swivel elbows for high pressure nozzles



Inlet	Outlet	Maximum working pressure	Waterway Ø (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	230 PSI	1-5/8"		37367
1.5 NPSH female	1.5 NPSH male	230 PSI	1-5/8"		37370



Our family of foam attachments were designed to complete our entire range of hand nozzles. They are available in different dimensions: 40, 125, 150, 200 and 350 GPM.

There are two main categories: low and medium expansion. It is simple to use and a clamping system ensures the safety during its operation.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Low expansion foam attachment series 40



Description	External bumper guard diameter (inches)	Weight (lbs)	Ref.
Expansion foam attachment for cylindrical tip	2.76	1.19	09294
Expansion foam attachment for rounded tip	3.07	1.12	24985

Low expansion foam attachment series 125



Description	External bumper guard diameter (inches)	Weight (lbs)	Ref.
Expansion foam attachment for cylindrical tip	3.66	2.07	09297
Expansion foam attachment for rounded tip	3.82	2.07	24997

Low expansion foam attachment series 150 and 200



Description	External bumper guard diameter (inches)	Weight (lbs)	Ref.
Expansion foam attachment for cylindrical tip	4.49	3.31	27487
Expansion foam attachment for rounded tip	4.72	3.22	25010

Low expansion foam attachment series 350



Description	External bumper guard diameter (inches)	Weight (lbs)	Ref.
Expansion foam attachment for cylindrical tip	4.96	4.08	09300
Expansion foam attachment for rounded tip	5.20	3.51	25015

Medium expansion foam attachment series 40



Description	External bumper guard diameter (inches)	Weight (lbs)	Ref.
Expansion foam attachment for cylindrical tip	2.76	3	09712

Medium expansion foam attachment series 125



Description	External bumper guard diameter (inches)	Weight (lbs)	Ref.
Expansion foam attachment for cylindrical tip	3.66	2.07	09713

Medium expansion foam attachment series 150, 200 and 350 GPM



Description	External bumper guard diameter (inches)	Weight (lbs)	Ref.
Expansion foam attachment for cylindrical tip	4.49	3.22	09714



The DMB nozzle shutoffs have three positions: closed, flat stream, straight jet. They are designed to be connected with branchpipes to allow several possibilities depending on circumstances.



Deluge nozzles DMB

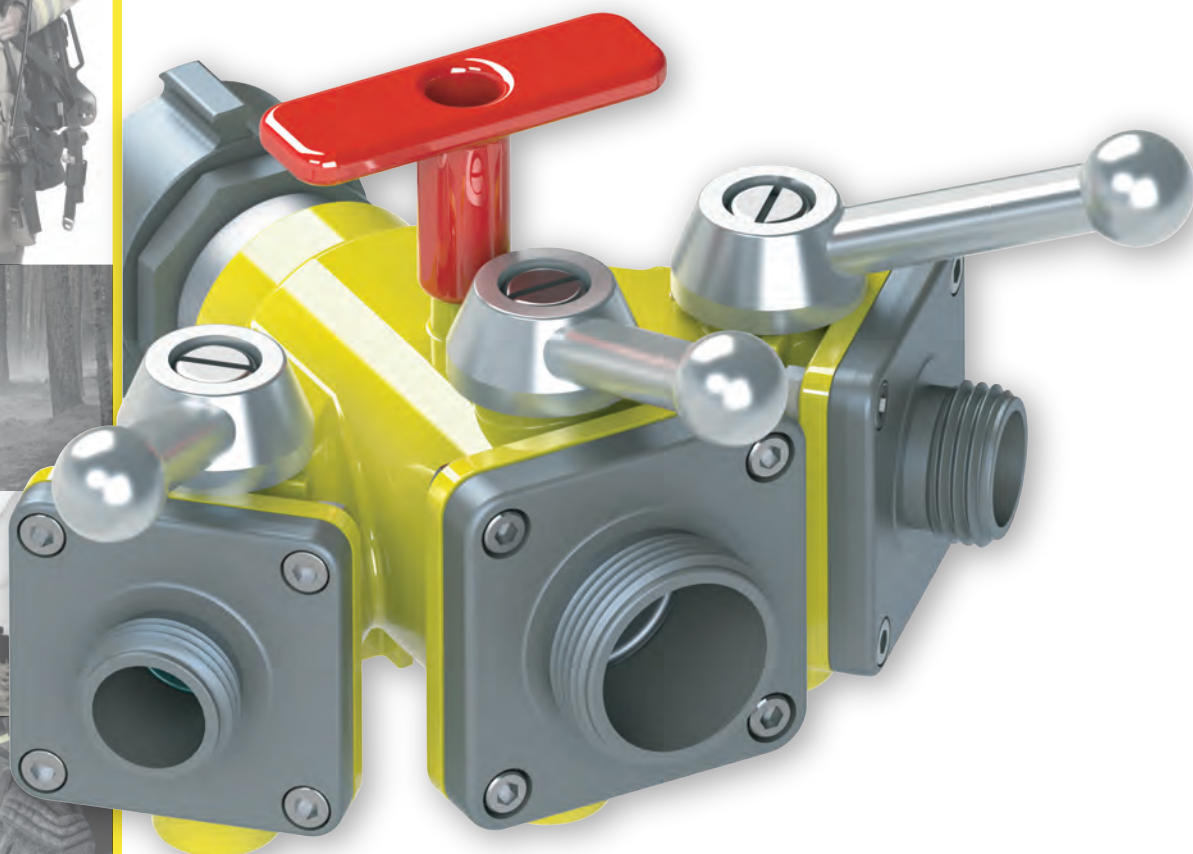


Maximum working pressure: 230 PSI
Shutoff: with ball valve
Stream pattern: closed, flat stream and straight jet
Opening: by operating handle
Material: aluminium alloy
Body type: molded
Options: branchpipe, red or yellow shutoff handle



Inlet	Diameter (mm)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	20/8-8	0.8/0.3-0.3		07350.NST
1.5" NST-NH female	40/12-12	1.6/0.5-0.5		02784.1.5.NST
2.5" NST-NH female	65/18-18	2.5/0.7-0.7		09285.NST





Wildland equipment

Hand nozzles - Wildland	64
Tips - Wildland	66
Backpack stirrup pump	69
Wyes	70

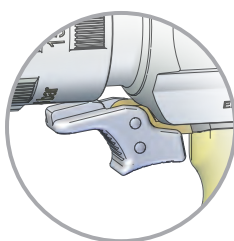
Wyes - Gated 2-way	71
Wyes - Gated 3-way	72
Wyes - Spare parts	73



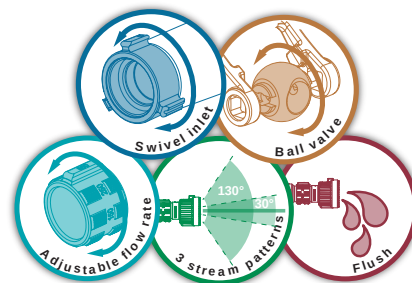
Our range of nozzles with adjustable flow rates and patterns "Wildland" has been designed for the extinction of forest fires. This range is equipped with locking system which allows to change from 40 to 70 GPM flow rates. 125 GPM and Flush positions can be used by pulling or pushing the trigger. The head ring, equipped with tactical marks, allows the adjustment of various patterns (straight jet, flashover and wide angle spray). This range has three possibilities of diffusers: Turbo (spinning teeth), Debi (cut teeth) or Magi (rubber teeth).

Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Flush: Yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

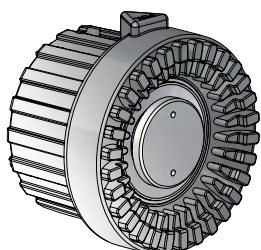
Bumper guard colors: 



Unlocking trigger for flow rate

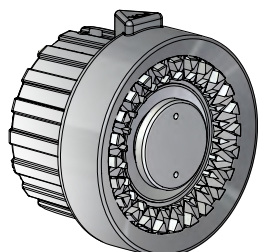


Magikador 125



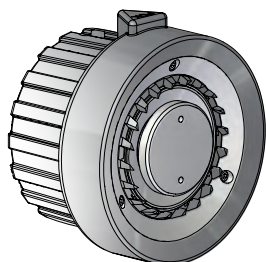
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	40-70-125 GPM	85 PSI			25533.NST

Debikador 125



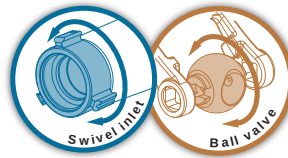
Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	40-70-125 GPM	85 PSI			28697.NST

Turbokador 125



Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	40-70-125 GPM	85 PSI			28066.NST

Robotflam 25 GPM



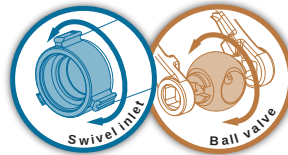
Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Head: molded teeth

Bumper guard colors:

Our range of nozzle Robotflam alloys simplicity and strength. The equipment is composed of a shutoff equipped with diffuser Batflam with adjustable pattern, allowing realisation of straight jet or spray pattern with adjustable opening.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
Swivel 1" NST-NH female	25 GPM	85 PSI	8.11 x 3.74 x 9.29	2.54	03167
Swivel 1.5" NST-NH female	25 GPM	85 PSI	8.78 x 3.74 x 9.29	2.62	03168

Robotflam 60 GPM



Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Head: smooth head

Bumper guard colors:

Our range of nozzle Robotflam alloys simplicity and strength. The equipment is composed of a shutoff equipped with diffuser Batflam with adjustable pattern, allowing realisation of straight jet or spray pattern with adjustable opening.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
Swivel 1.5" NST-NH female	60 GPM	85 PSI	7.68 x 4.96 x 10.47	3.73	12349

Wildland tips 1" with grip



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Head: molded teeth

Bumper guard colors: 

Wildland tips 1" with fixed flow rate 25 GPM equipped with a grip. Various pattern are adjustable by rotation of the bumper guard (straight jet, flashover and wide angle spray). In aluminium alloy hard anodised with elastomere bumper guard.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	25 GPM	85 PSI			18658.NST

Wildland tips 1.5" with grip



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Head: smooth head

Bumper guard colors: 

Wildland tips 1.5" with fixed flow rate 60 GPM equipped with a grip. You can pass from the position "closed" to "straight jet" or position "wide angle spray" by rotation of the head ring with adjustment of diffusion angle. In aluminium alloy hard anodised.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	60 GPM	85 PSI			12048.NST

Wildland tips in aluminium



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Head: smooth head

Bumper guard colors: 

Our range of wildland tips in aluminium alloy hard anodised with fixed flow rate combines lightness and simplicity. Many flow rates are available; from 10 to 60 GPM at 85 PSI. Various patterns can be adjusted by rotation of the bumper guard (straight jet, flashover and wide angle spray).

These tips have a smooth bumper guard. Our tips fit with various inlet couplings.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	10 GPM	85 PSI			12600.NST
1" NST-NH female	20 GPM	85 PSI			12601.NST
1" NST-NH female	30 GPM	85 PSI			12602.NST
1" NST-NH female	40 GPM	85 PSI			12603.1NST
1.5" NST-NH female	40 GPM	85 PSI			12603.NST
1.5" NST-NH female	60 GPM	85 PSI			12604.NST

Batflam tips, in brass



Maximum working pressure: 230 PSI
Material: brass
Head: molded teeth

Bumper guard colors:

Our Batflam tip in brass with fixed flow rate of 25 GPM is designed for the extinction of forest fires. Various patterns can be adjusted by rotation of head ring (straight jet, flashover and wide angle spray). It is equipped with anti-shock rubber teeth. Our tip fits with various inlet couplings.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	25 GPM	85 PSI			03181

Batflam tips, in aluminium



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Head: molded teeth

Bumper guard colors:

Our Batflam tip in aluminium alloy anodised with fixed flow rate of 15 or 25 GPM is designed for the extinction of forest fires. Various patterns can be adjusted by rotation of head ring (straight jet, flashover and wide angle spray). It is equipped with anti-shock rubber teeth. Our tip fits with various inlet couplings.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	25 GPM	85 PSI	Ø 2.48 x 4.65	0.97	03182
1" NST-NH female	15 GPM	85 PSI			03182.15GPM



Tips of 1" with bumper guard



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Head: smooth head

Bumper guard colors:

Our wildland tip 1" with elastomer bumper guard is made in anodised aluminium alloy. It is in accordance with specification 5100-239c. It offers dual flow rate of 10 and 24 GPM at 100 PSI and two spray patterns available by rotation of the bumper guard. Several inlet couplings are available.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NPSH female	10-24 GPM	100 PSI	Ø 2.76 x 3.54	0.73	17991
1" NST-NH female	10-24 GPM	100 PSI	Ø 2.76 x 3.54	0.73	18403
3/4" GHT female	10-24 GPM	100 PSI	Ø 2.76 x 3.54	0.73	18404

Tips of 1" without bumper guard



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Head: smooth head

Our wildland tip 1" without bumper guard is made in anodised aluminium alloy. It is in accordance with specification 5100-239c. It offers dual flow rate of 10 and 24 GPM at 100 PSI and two spray patterns available by rotation of the bumper guard. Several inlet couplings are available.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1" NPSH female	10-24 GPM	100 PSI	Ø 1.93 x 3.54	0.57	17497
1" NST-NH female	10-24 GPM	100 PSI	Ø 1.93 x 3.54	0.57	17748
3/4" GHT female	10-24 GPM	100 PSI	Ø 1.93 x 3.54	0.57	17751

Tips of 1.5" with bumper guard



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Head: smooth head

Bumper guard colors:

Our wildland tip 1.5" with elastomer bumper guard is made in anodised aluminium alloy. It is in accordance with specification 5100-239c. It offers dual flow rate of 20 and 60 GPM at 100 PSI and two spray patterns available by rotation of the bumper guard. Several inlet couplings are available.

Inlet	Flow rate	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	20-60 GPM	100 PSI	Ø 2.76 x 4.13	0.93	17506
1.5" NPSH female	20-60 GPM	100 PSI	Ø 2.76 x 4.13	0.95	17754

Backpack stirrup pump



Our backpack stirrup pump "Firebuster" for forest fires is equipped with a system of carrying harness, allowing to walk a long distance in the forest with less fatigue. It is composed of a high density polyethylene tank of 2.6 or 5.8 gallons depending on the model. It comes with a hand pump in brass, with a tip that allows the realisation of straight stream or conic shape pattern with adjustable diffusion angle by rotation of head ring.

It can be delivered with a trolley to make transport effortless.



Firebuster



Description	Weight (lbs)	Ref.
Backpack stirrup pump 5.8 gallons	13.89	25039
Backpack stirrup pump 2.6 gallons	12.57	25038



Trolley for Firebuster



Description	Weight (lbs)	Ref.
Trolley for Firebuster	7.28	24304



T-valves



Maximum working pressure: 230 PSI
Shutoff: clappered
Opening: by screw
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male 1" NPSH male	5 x 2.6 x 3.19	1.10	17548
1.5" NST-NH female	1.5" NST-NH male 1" NST-NH male	5 x 2.6 x 3.19	1.10	17803
1.5" NPSH female	1.5" NPSH male 1" NPSH male	5 x 2.6 x 3.19	1.08	17806

T-wyes



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation

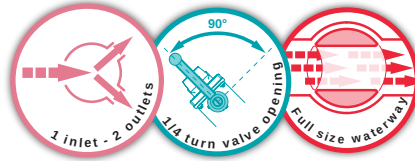
Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
1" NPSH female	2x 1" NPSH male	3.5 x 1.69 x 2.83	0.44	17872
1" NPSH female	1" NPSH male 3/4" GHT male	3.5 x 1.69 x 2.87	0.44	17874
1.5" NST-NH female	1.5" NST-NH male 1" NPSH male	3.74 x 2.24 x 3.19	0.44	17876
2" NPSH female	2" NPSH male 1.5" NPSH male	4.69 x 2.76 x 4.02	1.08	17892
2" NPSH female	2" NPSH male 1.5" NST-NH male	4.69 x 2.76 x 4.02	1.08	17893



Wyes - Gated 2-way



Our range of wildland gated 2-way wyes is made in aluminium alloy of first fusion heat treated and yellow polyester coated. Its integral opening prevents from pressure loss.



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Poket Wye with knob



Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	2x 1" NST-NH male	5.28 x 5.63 x 4.02	2.91	16014
1.5" NST-NH female	2x 1.5" NST-NH male	5.39 x 5.94 x 4.02	2.95	16015
1.5" NST-NH female	1" NST-NH male 1.5" NST-NH male	5.39 x 5.79 x 4.02	2.93	16016
1.5" NPSH female	2x 1" NPSH male	5.24 x 5.63 x 4.02	2.91	16017
1.5" NPSH female	2x 1.5" NPSH male	5.39 x 5.87 x 4.02	2.93	16018
1.5" NPSH female	1" NPSH male 1.5" NPSH male	5.39 x 5.75 x 4.02	2.93	16019

Poket wye with long handle

Weight 0.88 lbs less with handles in composite

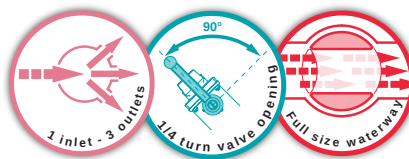


Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	2x 1" NST-NH male	6.93 x 7.09 x 4.02	3.73	28706
1.5" NST-NH female	2x 1.5" NST-NH male	6.93 x 7.09 x 4.02	3.77	28707
1.5" NST-NH female	1" NST-NH male 1.5" NST-NH male	6.93 x 7.09 x 4.02	3.75	28708
1.5" NPSH female	2x 1" NPSH male	6.93 x 7.09 x 4.02	3.73	28709
1.5" NPSH female	2x 1.5" NPSH male	6.93 x 7.09 x 4.02	3.75	28710
1.5" NPSH female	1" NPSH male 1.5" NPSH male	6.93 x 7.09 x 4.02	3.75	28711



Our range of wildland gated 3-way wyes is made in aluminium alloy of first fusion heat treated and yellow polyester coated.

Its integral opening prevents from pressure loss. It is equipped with stabilising legs. It is equipped with one inlet and three outlets.



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

"Komando" with non-return valve



Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male 2x 1" NST-NH male			03427.NST

Tripok with knob



Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	3x 1.5" NST-NH male	7.17 x 8.39 x 4.13	4.45	24788
1.5" NST-NH female	1.5" NST-NH male 2x 1" NST-NH male	7.17 x 8.19 x 4.13	4.41	24790

Tripok with long handle

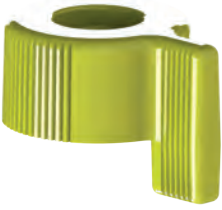
Weight 1.32 lbs less with handles in composite



Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	3x 1.5" NST-NH male	8.19 x 11.57 x 4.13	5.71	24789
1.5" NST-NH female	1.5" NST-NH male 2x 1" NST-NH male	8.19 x 11.57 x 4.13	5.67	24791



Knob



Description	Dimensions (inches)	Weight (lbs)	Ref.
Knob in aluminium alloy	2.28 x 1.57 x 1.5	0.15	15414



Long handle in stainless steel



Description	Dimensions (inches)	Weight (lbs)	Ref.
Long handle in stainless steel	5.43 x 1.77 x 1.5	0.57	17038



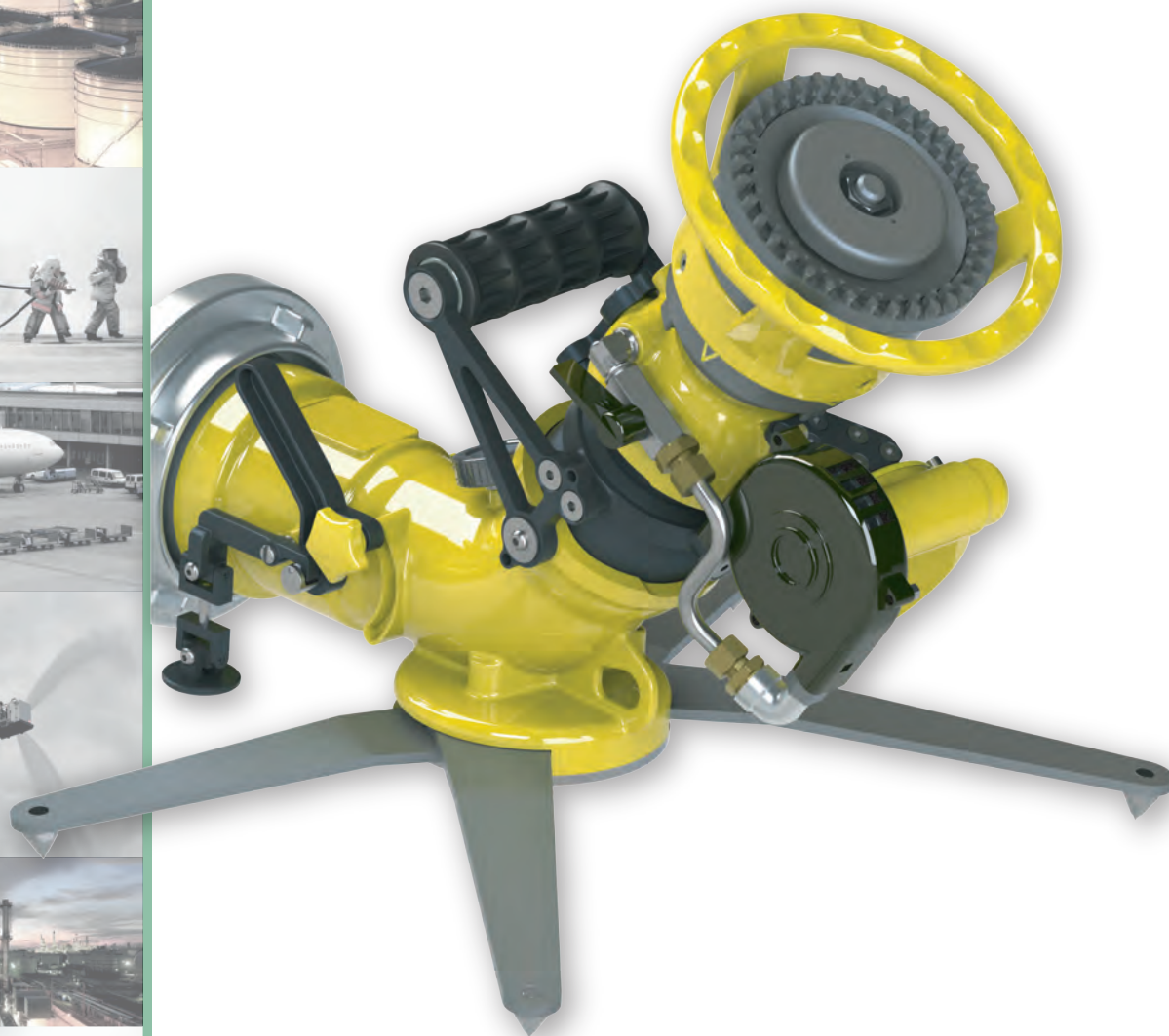
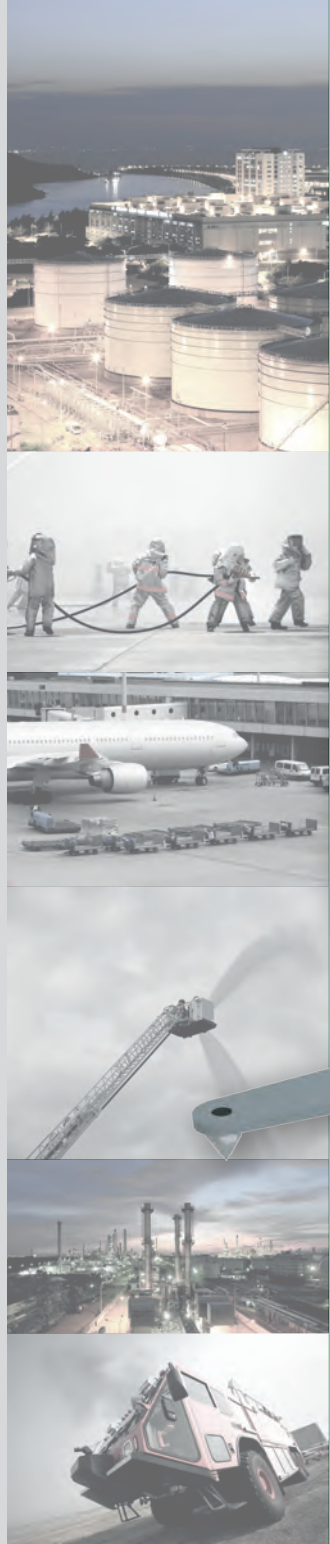
Long handle in composite



Description	Dimensions (inches)	Weight (lbs)	Ref.
Long handle in composite	5.43 x 1.77 x 1.5	0.11	30969





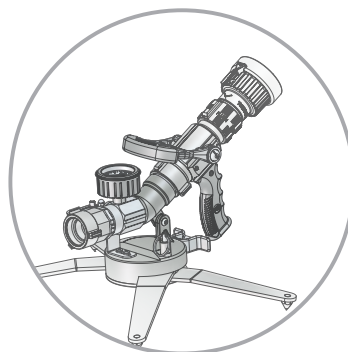


Monitors

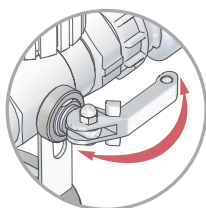
Monitors - Manual in aluminium alloy	76
Monitors - Manual in bronze	102
Monitors - Manual in stainless steel.....	105
Monitors - Attachments	112

Monitors - Remote control systems	114
Monitors - Motorised in aluminium alloy.....	120
Monitors - Motorised in bronze	131
Monitors - Motorised in stainless steel	133

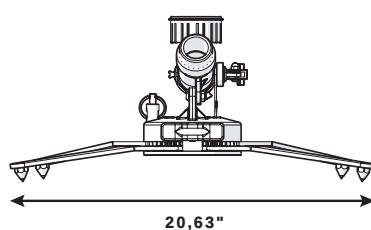
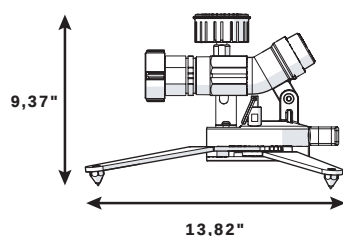
Mamba



Installation with hand nozzle "Magikador 125"

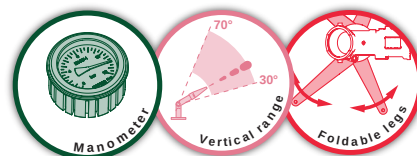


Locking cam of vertical position



Maximum working pressure: 230 PSI
Material: aluminium alloy
Vertical movement: from +30° to +70°
Safety: locking of the legs, anchoring strap.
Foldable legs: YES

Options: hand nozzles, couplings.



The "Mamba" is a base used to receive a selectable flow rate nozzle from 40 to 200 GPM to operate as a monitor. The base has stabilising and foldable legs and an anchorage ring to fix a strap.

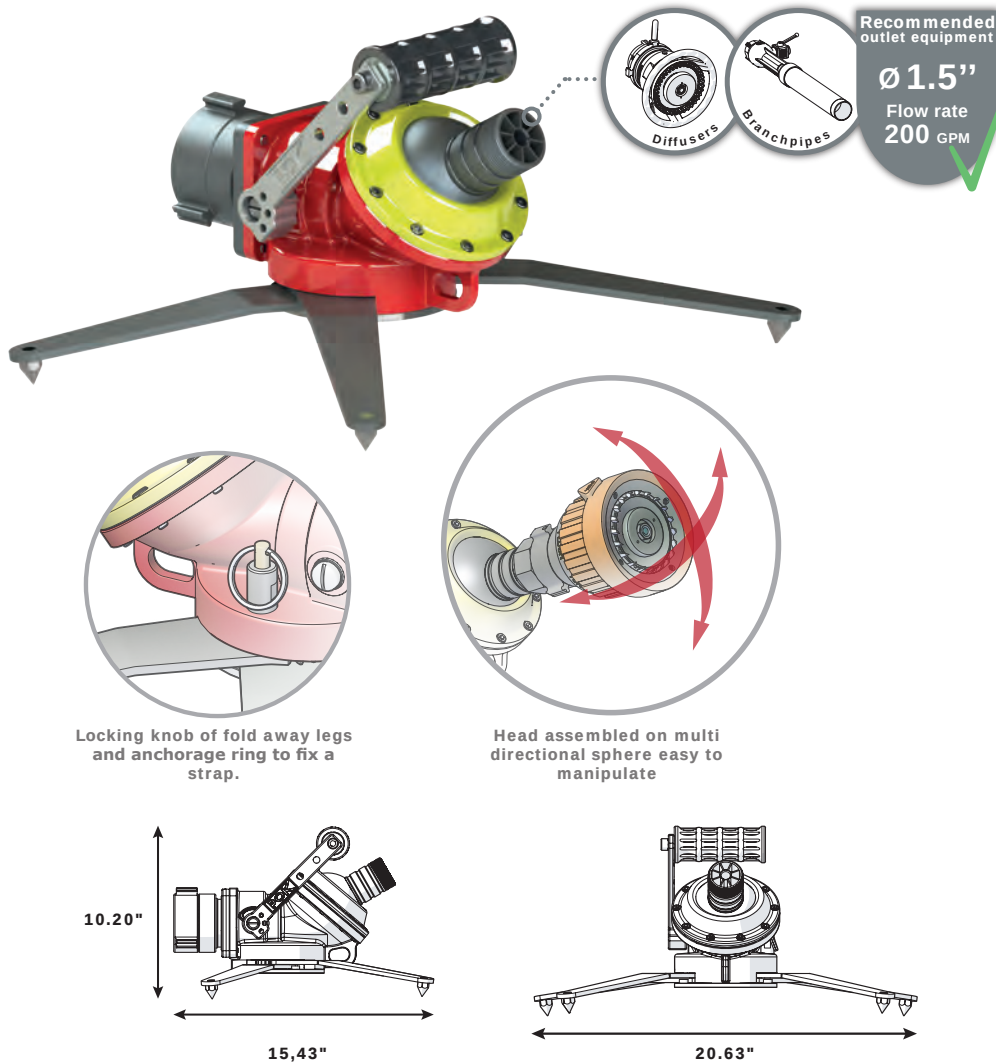
The orientation of the nozzle is adjustable and lockable in elevation position from +30° to +70°.

The base is equipped with a manometer to control the pressure.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
1.5" NST-NH female	1.5" NST-NH male	1.5"	13.82 x 20.63 x 9.37		37293.NST



Froggy - portable monitor



Maximum working pressure: 230 PSI
Material: aluminium alloy
Shutoff: ball valve
Opening: by lever
Horizontal movement: from -26° to +26°
Horizontal adjustment: by valve
Vertical movement: from 24° to +76°
Vertical adjustment: by valve
Safety: locking of the legs, anchoring strap, shutoff
Carrying handle: YES
Foldable legs: YES

Options: outlet equipment, couplings, storage bracket



Our "Froggy" monitor nozzle is the smallest monitor available on the market with a flow rate of 200 GPM at 100 PSI at the monitor's outlet. It offers simplicity, compactness and robustness. The carrying handle is also used as shutoff valve. The Froggy can be adjusted in vertical position from +24° to 76° and in horizontal position from -26° to 26°. It is equipped with four fold away legs and an anchorage ring to fix a strap. It can be equipped with different outlet equipment or coupling.

Inlet	Outlet	Waterway Ø (inches)	Folded dimensions (inches)	Weight (lbs)	Ref
2.5" NST-NH female	1.5" NST-NH male	1.5"	19.29 x 8.58 x 7.56		18065.NST

Storage bracket for portable monitor

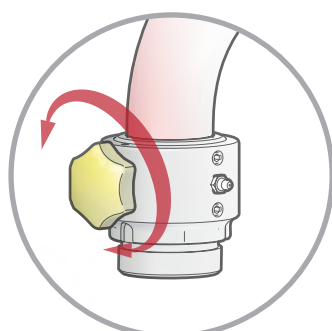


Description	Dimensions (inches)	Weight (lbs)	Ref
Storage bracket	19.29 x 9.84 x 1.97	6.61	20803

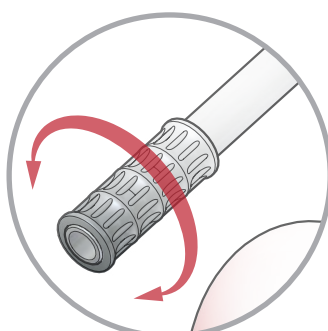
Snake - 1.5" fixed monitor in aluminium alloy



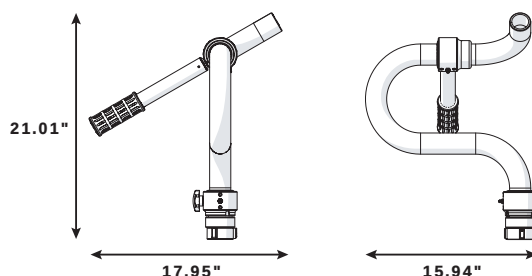
Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from -75° to +75°
Vertical adjustment: by handle
Safety: vertical adjustment lockable by handle, horizontal adjustment lockable by knob
Options: outlet equipment, couplings or flanges



Horizontal adjustment lockable by knob



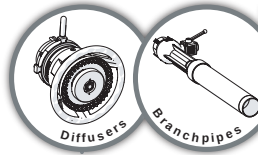
Vertical adjustment lockable by handle



The monitor "Snake" 1.5" has a simple and robust design.
 Made of primary aluminium alloy with red polyester coating.
 Its control handle allows a horizontal movement of 360°, elevation movement from -75° to +75° and elevation locking.
 A locking knob for horizontal movement ensures the safety of the user.
 It can be equipped with different outlet equipment, flanges or couplings.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
1.5" NST-NH female	1.5" NST-NH male	1.5"	17.95 x 15.94 x 21.01		10956.NST
Flange 2"ASA150	1.5" NST-NH male	1.5"	17.95 x 15.94 x 20.55		10956.ASA

Froggy tactical - portable monitor



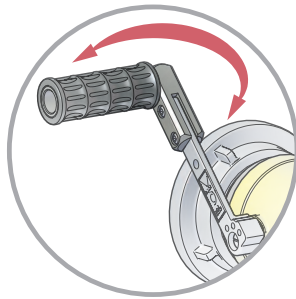
Recommended outlet equipment

Ø 2.5"

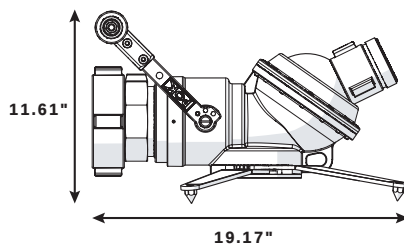
Flow rate
530 GPM

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: ball valve
Opening: by lever
Horizontal movement: from -26° to +26°
Horizontal adjustment: by ball
Vertical movement: from +24° to +76°
Vertical adjustment: by ball
Safety: locking of the legs, anchoring strap, shutoff
Carrying handle: YES
Foldable legs: YES

Options: outlet equipment, couplings, storage bracket

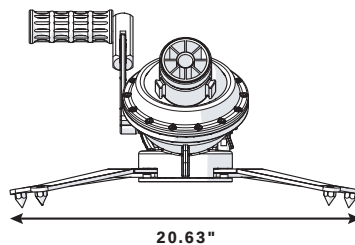


Foldable shutoff handle

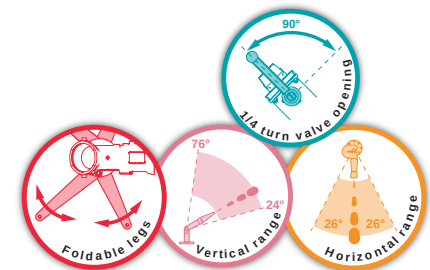


11.61"

19.17"



20.63"



Our "Froggy tactical" monitor nozzle is a compact monitor with a flow rate up to 530 GPM at 100 PSI at the monitor's outlet.

It offers simplicity, compactness and robustness.

Its handle can be used as carrying handle or shutoff handle.

Its minimum position from horizontal is +24° and 76° maximum, horizontal range between -26° to +26°.

It is equipped with four fold away legs and an anchorage ring to fix a strap.

It can be equipped with different outlet equipment or coupling.

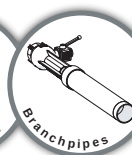
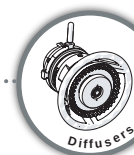
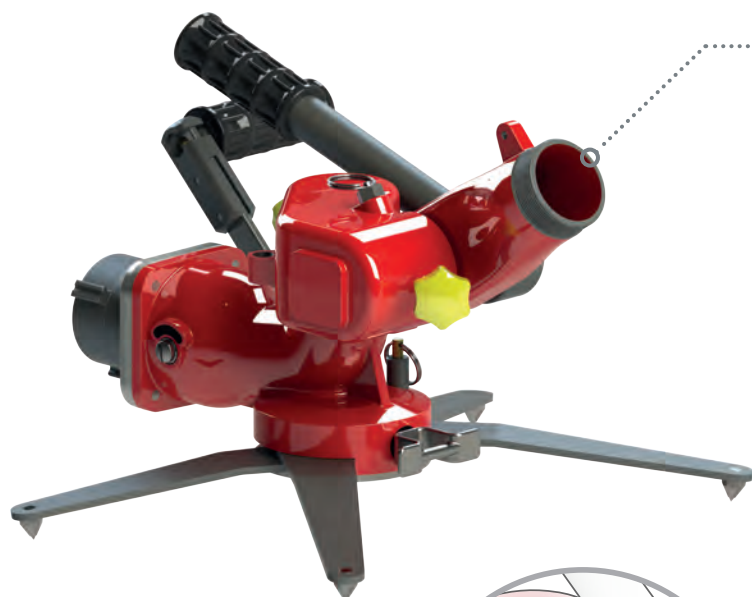
Inlet	Outlet	Waterway Ø (inches)	Folded dimensions (inches)	Weight (lbs)	Ref
4" NST-NH female	2.5" NST-NH male	2.5"	19.01 x 10.04 x 20.67		29601.NST

Storage bracket for portable monitor



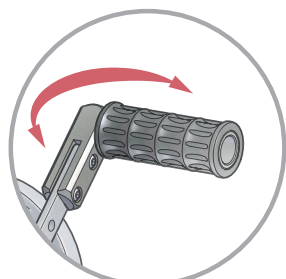
Description	Dimensions (inches)	Weight (lbs)	Ref
Storage bracket	19.29 x 9.84 x 1.97	6.61	20803

Poket - 2.5" portable monitor, with shutoff

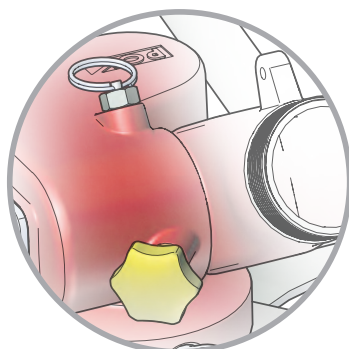


Recommended outlet equipment

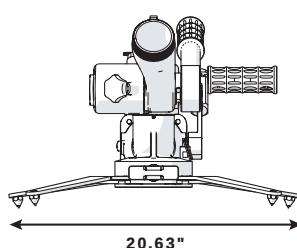
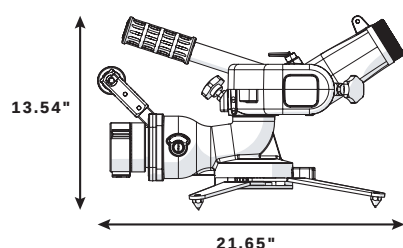
Ø 2.5"
Flow rate
400 GPM



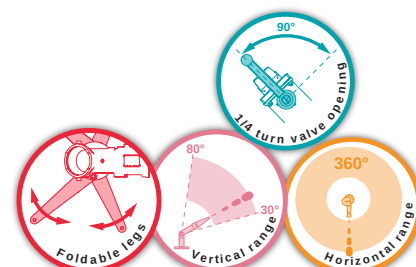
Ball valve shutoff, with fold away carrying handle



Safety pin and vertical position locking knob



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: ball valve
Opening: by lever
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +80°
Vertical adjustment: by handle
Safety: vertical adjustment lockable at 30° by pin, vertical and horizontal adjustment locking knobs, locking of the legs, anchoring strap, shutoff
Carrying handle: YES
Foldable legs: YES
Options: outlet equipment, couplings, storage brackets



Our portable monitor "Poket Monitor" is made of aluminium alloy, hard anodised, with red polyester coating. The ball valve shutoff allows the user to open or close the monitor during operation.

The flow rate is 400 GPM at a working pressure of 100 PSI at the monitor's outlet. The 360° horizontal movement and the vertical movement of 80° can be done by control handle, and the locking by a handle.

An automatic locking device limits to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).

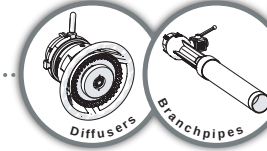
Our "Poket Monitor" nozzle is equipped with four fold away legs with locking device, one mooring and carrying ring allowing transport and to fix a strap.

The monitor is equipped with a manometer to control pressure.

It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
2.5" NST-NH female	2.5" NST-NH male	2.5"	21.65 x 20.63 x 13.54		31485.NST

Poket - 2.5" portable monitor, without shutoff

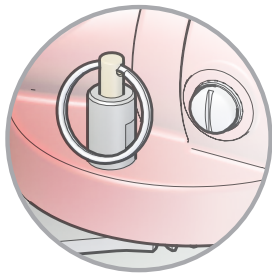


Recommended outlet equipment

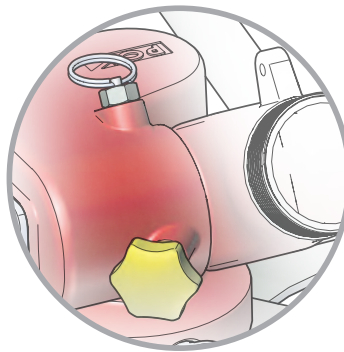
Ø 2.5"
Flow rate
400 GPM

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +80°
Vertical adjustment: by handle
Safety: vertical adjustment lockable at 30° by pin, vertical and horizontal adjustment locking knobs, locking of the legs, anchoring strap
Carrying handle: YES
Foldable legs: YES

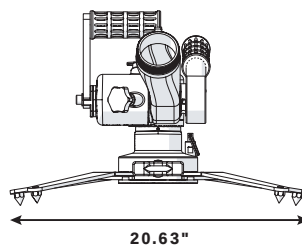
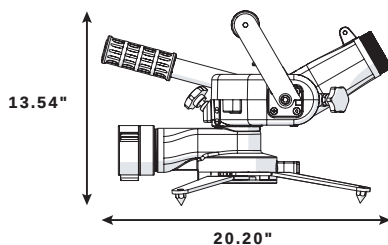
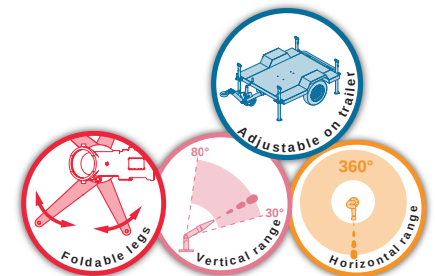
Options: outlet equipment, couplings, storage bracket, oscillator, flange, ladder attachment



Locking knob of fold away legs



Safety pin and vertical position locking knob



Our portable monitor "Poket Monitor" is made of aluminium alloy, hard anodised, with red polyester coating.

The flow rate goes up to 400 GPM at a working pressure of 100 PSI at the monitor's outlet. The 360° horizontal movement and the vertical movement of 80° can be done by control handle, and the locking by a handle.

An automatic locking device limits to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).

Our "Poket Monitor" nozzle is equipped with four fold away legs with locking device, one mooring and carrying ring allowing transport, to fix a strap.

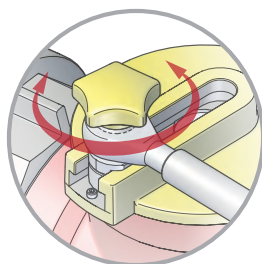
The monitor is equipped with a manometer to control pressure.

It can be equipped with different outlet equipment or couplings.



Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
2.5" NST-NH female	2.5" NS-NH male	2.5"	20.20 x 20.63 x 13.54		12697.NST

Poket portable monitor with oscillator



Easy adjustment of the sweeping range

The Poket Monitor can be equipped with a hydraulic oscillator (POK manufacturing), and turns it into an automatic sweeping monitor. The horizontal movement is adjustable from 0 to 60°. The setting of the sweeping angle can be performed while the monitor is running. Weight of the set (oscillator + monitor + diffuser) does not exceed 33.04 lbs.

Description	Weight (lbs)	Ref
Automatic oscillator	8.05	14025

Poket on flange



The Poket monitor is adapted to be mounted on a standard flange. This way it can be easily assembled on a fixed installation or a vehicle.

Description	Weight (lbs)	Ref
Monitor POKET on flange DN65 ASA 150 lbs	15.45	18818.ASA150

Poket - upper section with quick coupling



The Poket monitor is adapted to receive a quick coupling. The upper section can be easily assembled on a base with a quick coupling or flange on a fixed installation.

Description	Weight (lbs)	Ref
Upper section only with quick coupling	14.44	34435

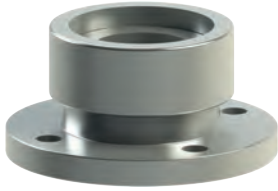
Poket - mount only (lower section) with quick coupling



The lower section can be equipped with a quick coupling to receive the Poket monitor.

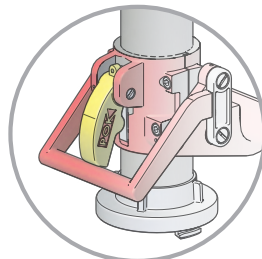
Description	Weight (lbs)	Ref
Lower section only		34434.NST

Quick coupling 2.5" on flange



Description	Weight (lbs)	Ref
Quick coupling on flange DN65 ASA 150 lbs	4.94	34439.ASA

Poket on ladder attachment



Fast and easy locking system

The "Poket" monitor has been particularly studied for fitting on a flange (stationary installation) or on a tube support for ladder or platform. The spacing of the hooks is adjustable, which allows mounting on all standard ladders. Weight of the set (tube + monitor + diffuser) does not exceed 28.63 lbs.

Description	Weight (lbs)	Ref
Monitor POKET on mounting for ladder, Inlet 2.5" NST-NH male	19.84	12900.NST

Storage bracket for portable monitor

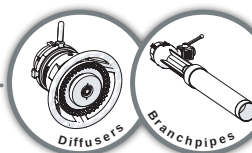


Description	Dimensions (inches)	Weight (lbs)	Ref
Storage bracket	19.29 x 9.84 x 1.97	7.14	20803

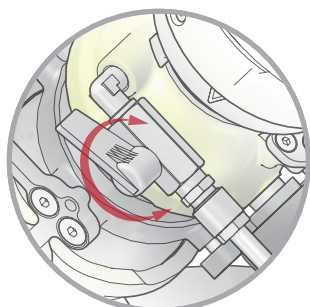
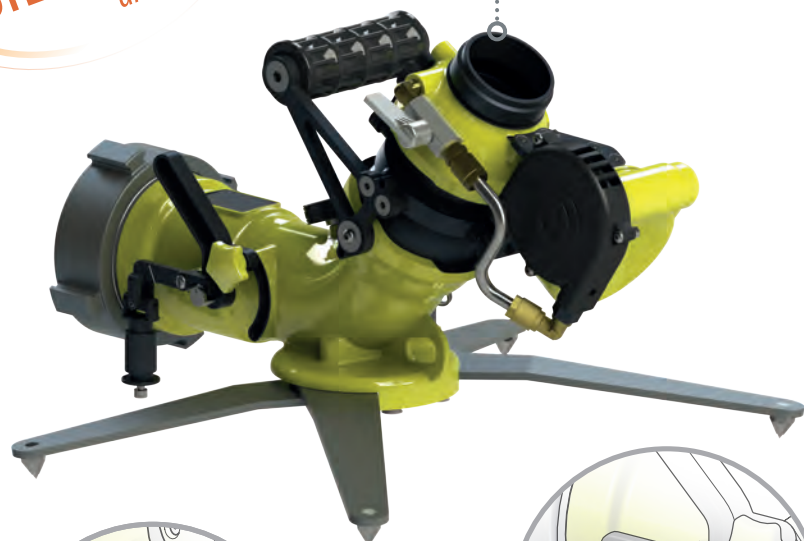


Montmirail, 3" portable monitor with automatic sweeping

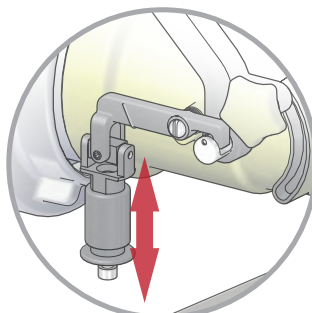
New Design
AUTOMATIC Oscillation
PROTECTION anti-slipping
 anti-lift off



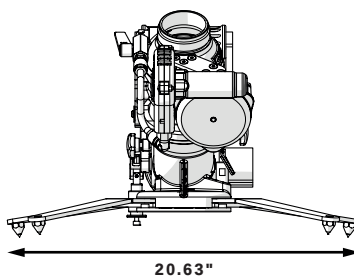
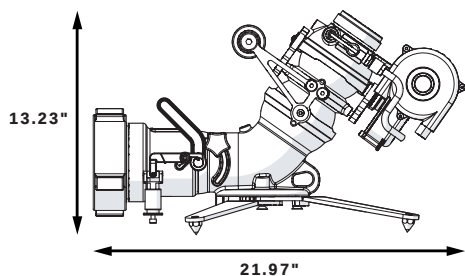
Recommended outlet equipment
 Ø 2.5"
 Flow rate
 1,000 GPM



Start/stop shutoff, and setting of sweeping speed



Safety device, and open/close valve with locking knob



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: molded
Shutoff: ball valve
Opening: by lever
Horizontal movement: from -22,5 to +22,5°
Horizontal adjustment: automatic sweeping or valve
Vertical movement: from +35° to +85°
Vertical adjustment: by handle
Safety: anti-sliding, anti-knocking, anti-lifting, locking of the legs, anchoring strap, shutoff.
Carrying handle: YES
Foldable legs: YES

Options: couplings, outlet equipment, siamese.



The portable Montmirail with automatic oscillation has a major feature that makes it the lightest equipment of its kind on the market: it weighs less than 31 lbs with diffuser and collecting device.

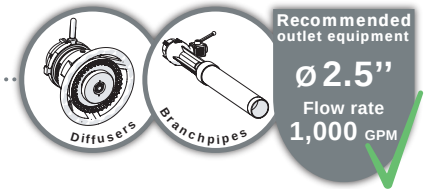
This monitor offers the features of the latest generation: up to 230 PSI operating pressure, automatic oscillating with the maximum sweeping angle of 35°, elevation between +35° to +85°, anti-lifting safety feature that immediately reduces the flow rate of the nozzle to keep the operator safe.

It comes with an open/closed valve and stabilising legs.

It can be equipped with different outlet equipment or couplings.

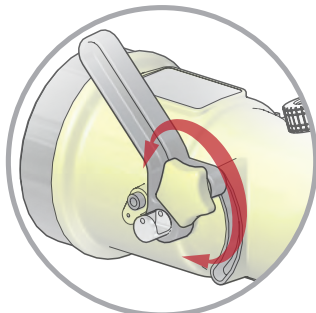
Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
2.5" NST-NH female	2.5" NST-NH male	3"	21.97 x 20.63 x 13.23		33643.NST
2x 2.5" NST-NH female	2.5" NST-NH male	3"			37302.NST
4" NST-NH female	2.5" NST-NH male	3"			37305.NST

Montmirail "Light", 3" portable monitor

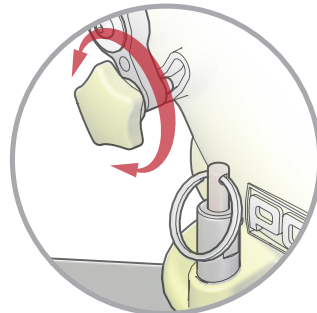


Maximum working pressure: 230 PSI
Material: aluminium alloy
Body type: molded
Shutoff: ball valve
Opening: by lever
Vertical movement: from +35° to +85°
Vertical adjustment: by handle
Horizontal movement: from -25° to +25°
Horizontal adjustment: by handle
Safety: locking of the legs, anchoring strap, shutoff, horizontal and vertical locking device
Carrying handle: YES
Foldable legs: YES

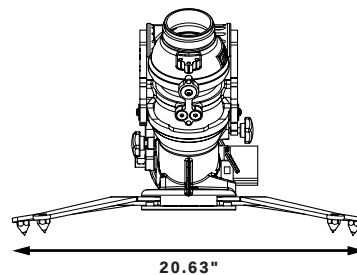
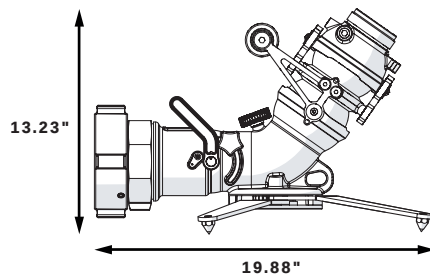
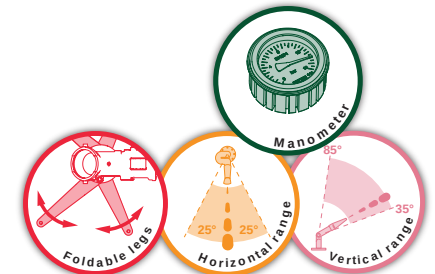
Options: couplings, outlet equipment, siamese.



Open/close valve with locking knob



Locking knob for vertical position, and locking pin for fold away legs

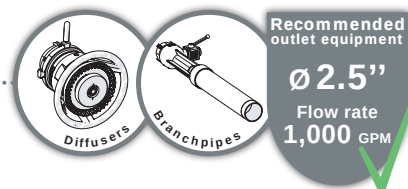


The "Montmirail Light" weighs less than 27 lbs with diffuser and collecting device, and is the lightest equipment of its kind on the market. This monitor offers all the features of the latest generation: up to 230 PSI operating pressure, vertical positioning between +35° to +85°.

It comes with an open/closed valve and stabilising legs. It can be equipped with different outlet equipment or couplings.

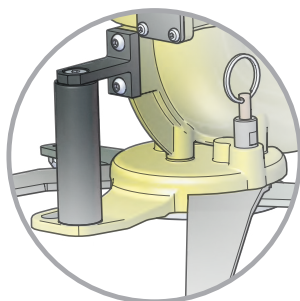
Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
4" NST-NH female	2.5" NST-NH male	3"	19.88 x 20.63 x 13.23		34646.NST

Rück wind, 3" portable monitor with handwheels

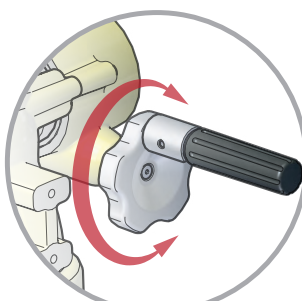


Maximum working pressure: 230 PSI
Material: aluminium alloy
Vertical movement: from +25° to +85°
Vertical adjustment: by handwheel
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Safety: locking of the legs, anchoring strap, horizontal and vertical locking device
Carrying handle: YES
Foldable legs: YES

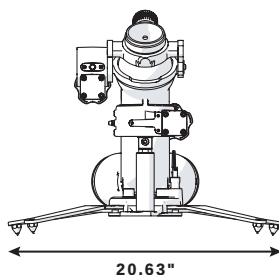
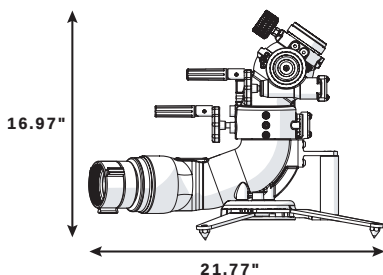
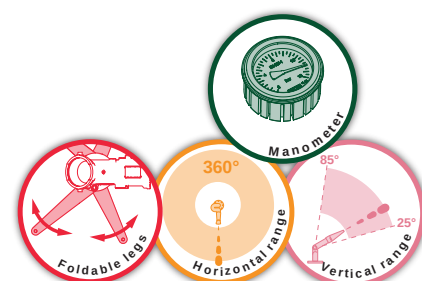
Options: coupling, outlet equipment.



Carrying handle and locking pin of fold away legs



Handwheel for vertical and horizontal position

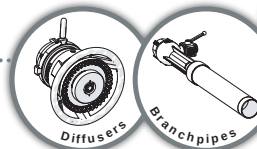
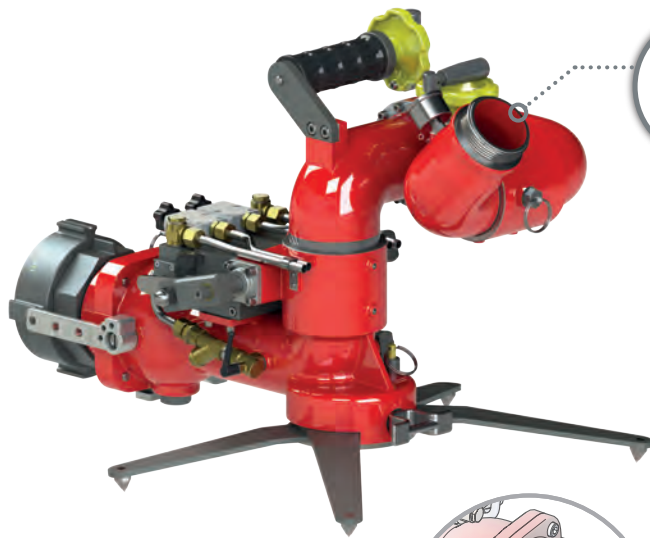


The monitor nozzle "Rück wind" is very light: less than 27 lbs including outlet diffuser and inlet siamese, which is the lightest product of the market. This monitor nozzle has all main possibilities, of a last generation monitor nozzle: it is designed to operate up to 230 PSI, vertical range from +25° to 85°. Fold away legs, and several possibilities for inlet and outlet.

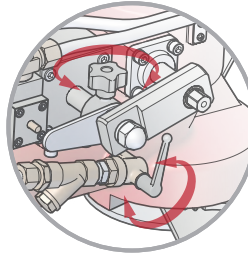
Inlets	Outlet	Waterway Ø (inches)	Folded dimensions (inches)	Weight (lbs)	Ref
2x 2.5" NST-NH female	2.5" NST-NH male	3"	19.29 x 9.33 x 16.93		37309.NST



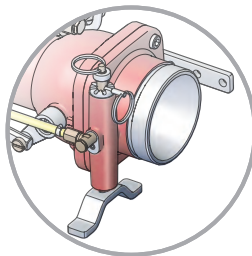
Katz - 2.5" portable monitor with automatic sweeping



Recommended outlet equipment
Ø 2.5"
Flow rate
800 GPM



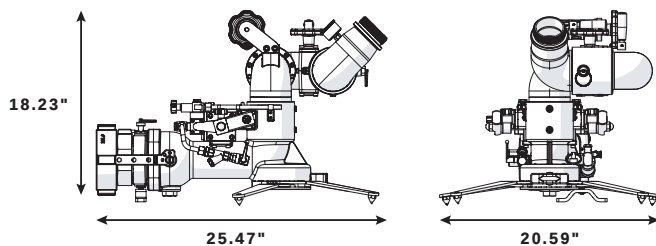
Sweeping system with selectable angle and speed, with shutoff



Water supply shutoff with anti-slipping and anti-lift off system

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: ball valve
Opening: by lever
Horizontal movement: on 360°
Balayage automatique: from -25° to +25°
Horizontal adjustment: by handwheel
Vertical movement: from +30° to -85°
Vertical adjustment: by handwheel
Safety: anti-sliding, anti-knocking, anti-lifting, locking of the legs, anchoring strap, shutoff.
Carrying handle: YES
Foldable legs: YES

Options: couplings, outlet equipment, siamese, storage bracket.



Our portable monitor "Katz" 3" is made of primary aluminium alloy with red polyester coating. The flow rate can go up to 800 GPM at 100 PSI at the monitor's outlet. Horizontal travel of 360° and elevation from -15° to 85° are adjustable by handwheel and wormwheel.

An automatic locking device ensures a limit to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).

It is equipped with automated sweeping device: 3 sweeping angles are available $\pm 15^\circ$ (ie, a sweeping of 30°), -15° to + 25° or vice versa (ie a 40° sweeping), $\pm 25^\circ$ (ie a 50° sweeping). The device can be disconnected by voluntary action.

The inlet valve is connected to the anti-tipping system allowing safety, reducing immediately the flow rate of the monitor, and maintaining the safety of the user.

It is equipped with four stabilising legs.

It can be equipped with different outlet equipment or couplings.



Inlet	Outlet	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
4" NST-NH female	2.5" NST-NH male	3"	19.69 x 15.75 x 15.75		24590.NST

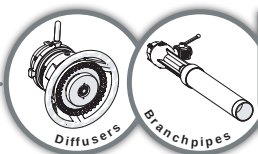
Storage bracket for portable monitor



Description	Dimensions (inches)	Weight (lbs)	Ref
Storage bracket	19.29 x 9.84 x 1.97	6.61	20803

Antenor 3000 - 3" portable monitor

More than 4000 units sold around the world since 1985



Recommended outlet equipment

Ø 2.5"

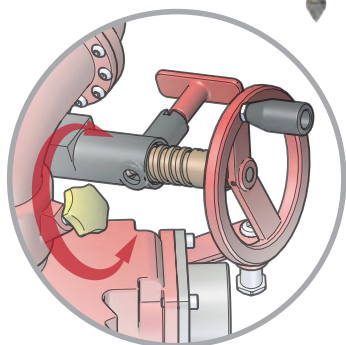
Flow rate 800 GPM

Protects
Aircraft carrier
Charles de Gaulle

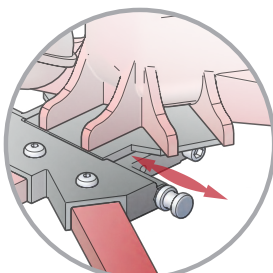
Approved by
the **RUSSIAN**
Interior Ministry

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Horizontal movement: from -90° to +90°
Horizontal adjustment: by handle
Safety: vertical adjustment lockable at 30° by handle, horizontal adjustment locking knobs, locking of the legs, anchoring strap
Carrying handle: YES
Foldable legs: YES

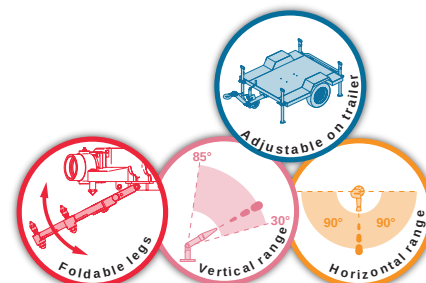
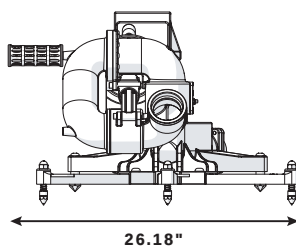
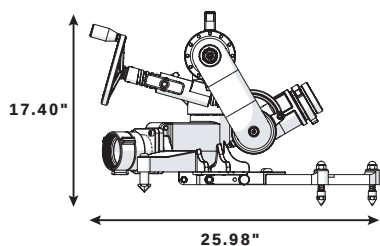
Options: outlet equipment, couplings



Handwheel for vertical position with locking handle for safety angle and locking knob for horizontal range.



Locking pin for fold away legs



The portable monitor "Antenor 3000" 3" is made of hard anodised aluminum with red polyester coating. It allows a flow rate up to 800 GPM at a working pressure of 100 PSI at the monitor's outlet.

The horizontal movement from -90° to +90° can be done thanks to the control handle with locking knob, and with steering wheel for elevation from 0° to +90°.

An automatic locking device limits to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).

It is equipped with a grip and carrying handle.

It has five fold away legs: three front stabilising legs and two back stabilising legs. A locking device allows the locking of the fold away legs.

It can be equipped with different outlet equipment or couplings.

Inlet	Outlets	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
2x 2.5" NST-NH female	2.5" NST-NH male	3"			03209.NST

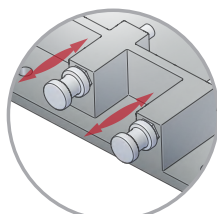
Antenor 3000 monitor on trailer



Portable monitor nozzle "Antenor 3000" 3" on trailer. Chassis mounting with pull handle, two wheels of 16.75", two housing for 65 feet fire hoses Ø 2"3/4, four galvanized steel spikes, bracket "Klapklap" to maintain the portable monitor "Antenor 3000".

Description	Weight (lbs)	Ref
"Antenor 3000" monitor on trailer		09796.NST

"Klap-klap" device



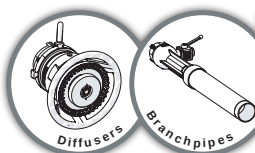
Pin system for fast unlocking

The "Klap-klap" bracket can be mounted on fixed installation or on an intervention vehicle, to allow a quick and safe installation and removal of the Antenor monitor.

Description	Weight (lbs)	Ref
Quick fixation device	5.95	07738



Azimutor 3000 - 3" portable monitor



Recommended outlet equipment

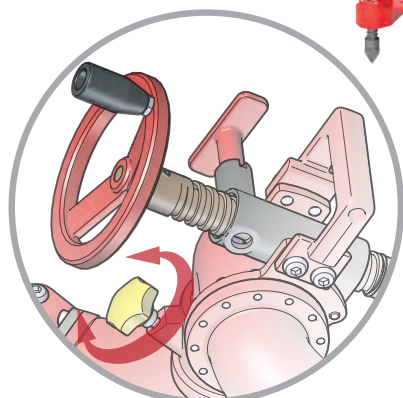
Ø 2.5"

Flow rate 800 GPM

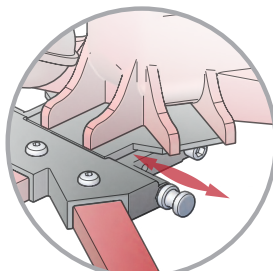


Maximum working pressure: 230 PSI
 Material: aluminium alloy
 Surface treatment: polyester coating
 Horizontal movement: on 360°
 Horizontal adjustment: by handle
 Vertical movement: from +30° to +80°
 Vertical adjustment: by handwheel
 Safety: vertical adjustment lockable at 30° by pin, vertical and horizontal adjustment locking knobs, locking of the legs, anchoring strap
 Carrying handle: YES
 Foldable legs: YES

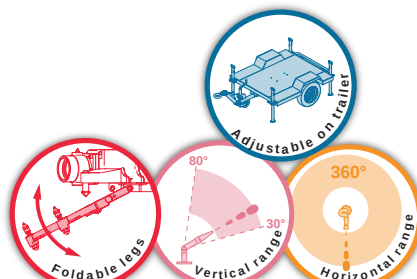
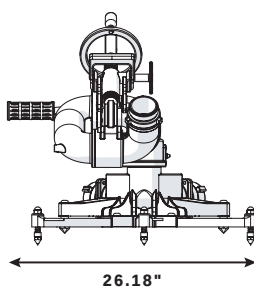
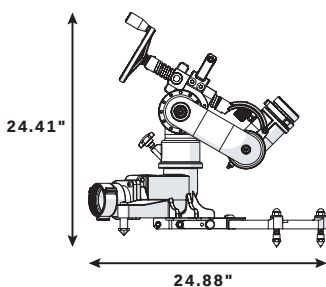
Options: outlet equipment, coupling



Handwheel for vertical position with locking handle at the safety angle, and locking knob for horizontal position



Locking pin of foldable legs



The portable monitor "Azimutor 3000" 3" is made of anodised aluminium alloy. The flow rate can go up to 800 GPM at a working pressure of 100 PSI at the monitor's outlet. The horizontal travel of 360° is made thanks to a control handle with horizontal locking knob, and steering wheel for elevation from -15° to 90°. An automatic locking device limit to 30° from horizontal the elevation range of the diffuser (unlocked by manual action). It has five fold away legs: three front stabilising legs and two back stabilising legs. A locking device allows the locking of the fold away legs. It can be equipped with different outlet equipment or coupling.

Inlets	Outlet	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
2x 2.5" NST-NH female	2.5" NST-NH male	3"			09387.NST

Azimutor 3000 on base



The "Azimutor 3000" can be on an optional portable base with single inlet 4".

Inlet	Outlet	Weight (lbs)	Ref
4" NST-NH female	2.5" NST-NH male		09413.NST

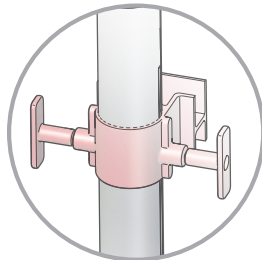
Azimutor 3000 on flange



The monitor "Azimutor 3000" is designed to be adapted on a standard flange. This way the monitor can be assembled on a fixed installation or a vehicle.

Inlet	Outlet	Weight (lbs)	Ref
Flange 3" ASA150	2.5" NST-NH male		13605
Flange 4" ASA150	2.5" NST-NH male		13606

Azimutor 3000 with ladder attachment



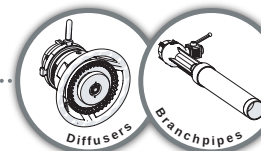
Setting system and locking by handles

Our monitor "Azimutor 3000" is available on mounting for ladder support or platform, with horizontal travel limiter.

Inlet	Outlet	Weight (lbs)	Ref
2.5" NST-NH female	2.5" NST-NH male		13608



Primator 3000 - 3" fixed monitor in aluminium alloy



Recommended outlet equipment

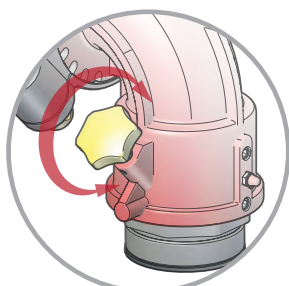
Ø 2.5"

Flow rate
800 GPM

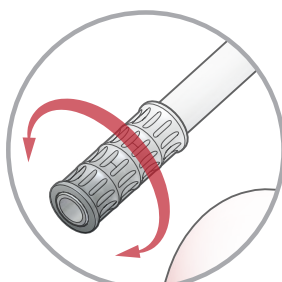


Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from -70° to +85°
Vertical adjustment: by handle
Safety: vertical adjustment lockable by pin or handle, horizontal adjustment lockable by knob.

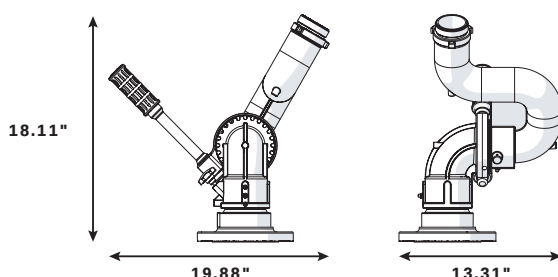
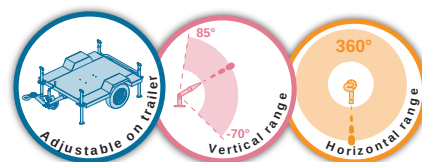
Options: outlet equipment, couplings, base, ladder attachment.



Horizontal adjustment lockable by knob and oiler



Vertical adjustment lockable by handle



Our "Primator 3000" 3" monitor is made for stationary, or to use on road chassis, ladder or platform.

Flow rate can go up to 800 GPM at 100 PSI at the monitor's outlet.

Operation via handle for adjustable positions.

Travel: -70° to 85° in elevation and 360° in horizontal.

Made of primary aluminium alloy, thermic treatment, high strength, protected against corrosion and anodised to resist to chemical attack of foam concentrates.

It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
3" NST-NH female	2.5" NST-NH male	3"			20970.NST
Flange 3" ASA150	2.5" NST-NH male	3"			16645.FM2.5NST
Flange 4" ASA150	2.5" NST-NH male	3"			16646
Flange 2.5" ASA150	2.5" NST-NH male	3"			16645.NST.2.5



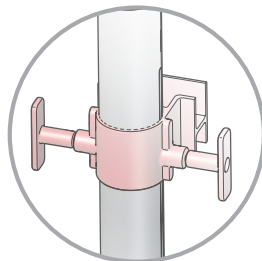
Primator 3000 on base



The "Primator 3000" can be on an optional portable base with single inlet 4". It can be equipped with different outlets: diffuser, foam branchpipe, water branchpipe,...

Inlet	Outlet	Weight (lbs)	Ref
4" NST-NH female	2.5" NST-NH male		01510.NST

Primator 3000 with ladder attachment



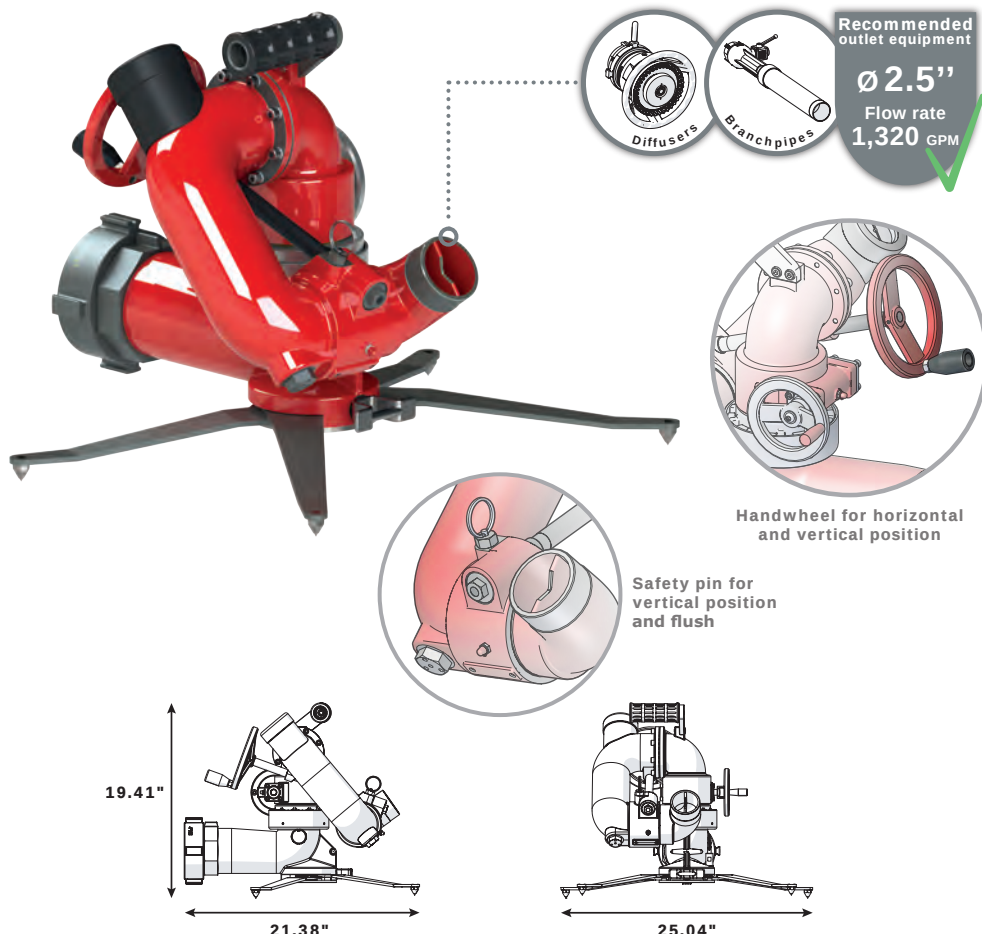
Handle for locking of the vertical position

Our monitor "Primator 3000" is available on mounting for ladder support or platform.

Inlet	Outlet	Weight (lbs)	Ref
2.5" NST-NH female	2.5" NST-NH male		01508.NST



LMP80 - 3" portable monitor



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: from -153° to +101°
Horizontal adjustment: by handwheel or handle
Vertical movement: from 0° to +85°
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at 30° by pin, locking knob for horizontal adjustment, locking of the legs, anchoring strap
Carrying handle: YES
Foldable legs: YES

Options: outlet equipment, coupling, storage bracket



The portable monitor LMP 80 is made of anodised aluminium alloy, with red polyester coating. The flow rate can go up to 1,320 GPM at a working pressure of 100 PSI at the monitor's outlet.

The horizontal range is set between -153° to + 101° by handwheels with locking system. Elevation range goes from 0° to 85° by handwheel with locking knob.

An automatic locking device ensures a limit to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).

Our monitor "LMP 80" is equipped with fold away legs, with locking device and an anchorage ring to fix a strap.

It is equipped with one grip and carrying handle.

The monitor is equipped with a manometer to control pressure.

It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (inches)	Horizontal adjustment	Vertical adjustment	Dimensions (inches)	Weight (lbs)	Ref
4" NST-NH female	2.5" NST-NH male	3"	By handwheel	By handwheel			29413. NST
4" NST-NH female	2.5" NST-NH male	3"	By handle (with break)	By handwheel			29411. NST
4" NST-NH female	2.5" NST-NH male	3"	By handle (with lock)	By handwheel			29412. NST

Storage bracket for portable monitor



Description	Dimensions (inches)	Weight (lbs)	Ref
Storage bracket	19.29 x 9.84 x 1.97	6.61	20803

LMP80 - mount only (lower section)



The lower section of the LMP80 with the quick coupling is designed to be assembled to a monitor initially on a truck or telescopic tube and transform it into a portable monitor !

Description	Weight (lbs)	Ref
Lower section only (Inlet 4" NST-NH female)		10847.NST

LMP80 - upper section only, with handwheels



The upper section of the LMP80 can be mounted on a base, a flange, with quick coupling or telescopic tube. It can be equipped with different outlets: diffuser, water and foam branchpipe...

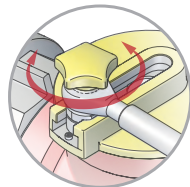
Description	Weight (lbs)	Ref
2 handwheels - Outlet 2.5" NST-NH male	24.25"	29176.NST

LMP80 - upper section only, with handle for oscillator



Description	Weight (lbs)	Ref
Horizontal lock - Outlet 2.5" NST-NH male	26.45"	29297.NST
Horizontal break - Outlet 2.5" NST-NH male	26.45"	22329.NST

Oscillator for LMP80



Easy adjustment of the sweeping range

Option for portable monitor "LPM 80" (version without handwheel for horizontal adjustment).

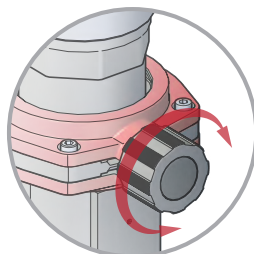
Our oscillator allows to transform our monitor nozzle in an automated sweeping monitor nozzle.

The horizontal angle is adjustable from 0° to 60°.

The setting of the sweeping angle can be done during operation of the monitor.

Description	Weight (lbs)	Ref
Automatic oscillator 4"	12.13	14230

Telescopic tube option for LMP80



Opening knob for the hydraulic jack

The telescopic tube for monitor LMP80 allows to put the monitor on a vehicle for quick operation.

There are 2 versions of the telescopic tube: 12" for up to 11.81" height to mount the monitor on a vehicle, and in 18" for up to 17.72".

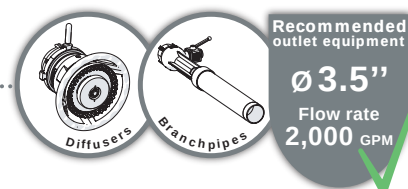
Inlet	Outlet	Elevation (inches)	Dimensions (inches)	Weight (lbs)	Ref
3" NST-NH female	Quick coupling	11.81"			11088
3" NST-NH female	Quick coupling	17.72"			10983

Quick coupling 3" on flanges

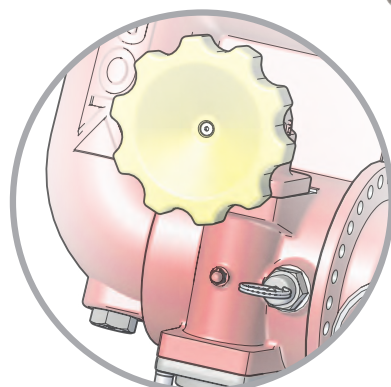


Description	Weight (lbs)	Ref
Quick coupling on flange 3" ASA150		08291
Quick coupling on flange 4" ASA150	8.82	22011

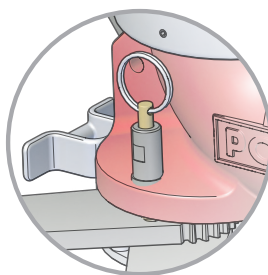
4" portable monitor



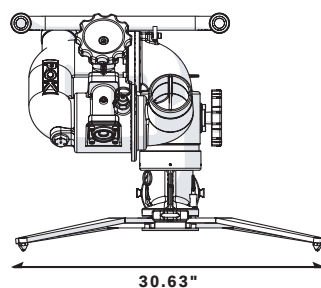
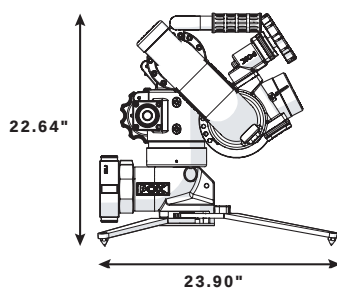
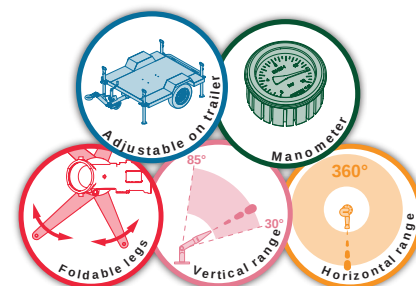
Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at 30° by stop, locking of the legs, anchoring strap
Carrying handle: YES
Foldable legs: YES
Options: outlet equipment, couplings



Handwheel for vertical position with locking pin, and automated flush



Locking knob of fold away legs a anchorage ring to fix a strap.



Our portable monitor 4" is made of anodised aluminium alloy, finished with red polyester coating.

The flow rate goes up to 2,000 GPM at a working pressure of 100 PSI at the monitor's outlet. Horizontal range is 360°, vertical range is from +30° to 85° by steering wheel.

An automatic locking device limits to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).

It is equipped with a grip and carrying handle.

The monitor comes with four stabilising legs, one locking ring and an anchorage ring to fix a strap.

It has a manometer to control the pressure.

It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
4" NST-NH female	3.5" NST-NH male	4"		66.14	37308.NST

4" portable monitor - upper section only



The upper part for the portable monitor 4" can be on a flange equipped with a multiclave coupling or on an telescopic tube. It can be equipped with various outlets: diffuser, water branchpipe, foam branchpipe...

Description	Weight (lbs)	Ref
Upper section only (Outlet 3.5" NST-NH male)	50.71	22217

Extension for 4" monitor



Description	Weight (lbs)	Ref
Extension - length 19.67"	7.27	22205

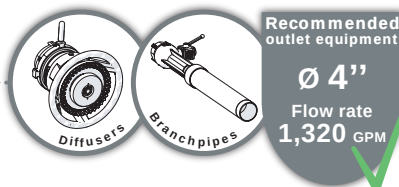
Quick coupling 4" on flange



Description	Weight (lbs)	Ref
Quick coupling on flange 4" ASA150	4	22011

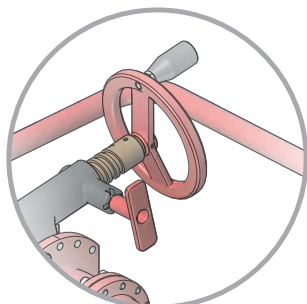


Minotor 5000 - 4" portable monitor

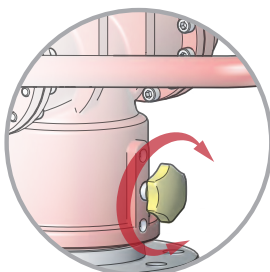


Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +75°
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at 30° by handle, horizontal adjustment locking knob, anchoring strap
Foldable legs: YES

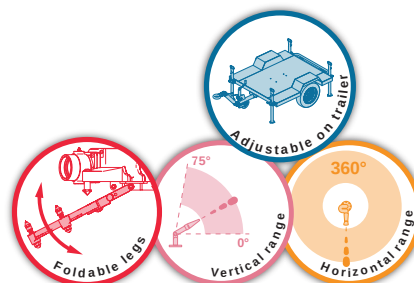
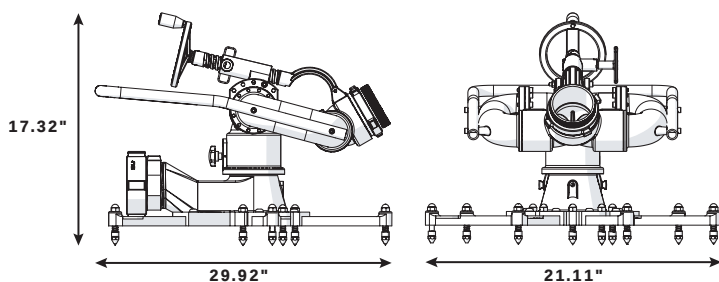
Options: outlet equipment, couplings



Handwheel for vertical position with locking pin for safety angle



Locking knob for horizontal position



The portable "Monitor 5000" is made of anodised aluminium finished with red polyester coating.

The flow rate goes up to 1,320 GPM at a working pressure of 100 PSI at the monitor's outlet.

The horizontal range is 360° by control handle with locking knob.

The elevation range goes from 0° to 75° and can be set by steering wheel.

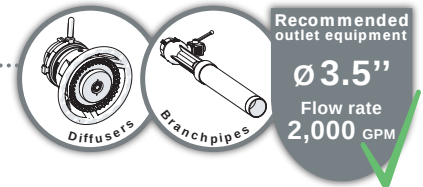
An automatic locking device limits to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).

It is equipped with six stabilising legs, with spring loaded spikes for soft ground.

It can be equipped with different outlet equipment or couplings.

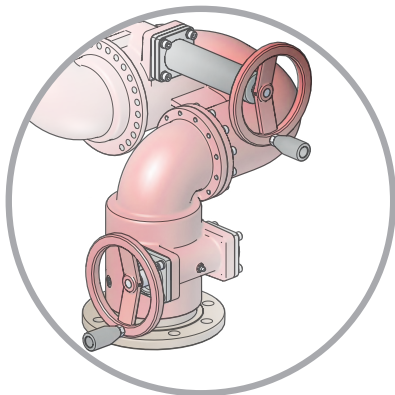
Inlets	Outlet	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
Flange 4" ASA150	4" NST-NH male	4"			13610
4" NST-NH female	4" NST-NH male	4"			13611

4" fixed monitor

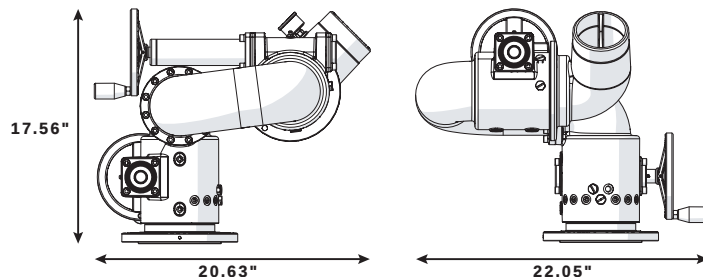
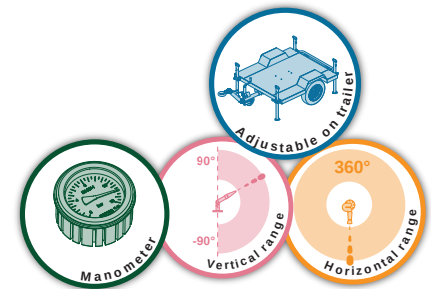


Maximum working pressure: 230 PSI
 Material: aluminium alloy
 Surface treatment: polyester coating
 Horizontal movement: on 360°
 Horizontal adjustment: by handwheel
 Vertical movement: from -90° to +90°
 Vertical adjustment: by handwheel

Options: outlet equipment



Handwheel for vertical position and horizontal position



Our fixed monitor 4" is made of aluminium alloy finished with red polyester coating and is designed to work up to 230 PSI.

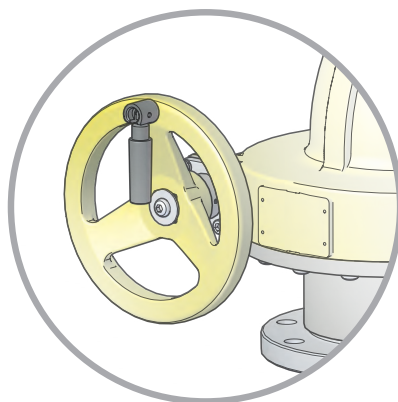
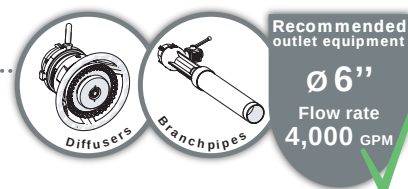
Flow rate can go up to 2,000 GPM at a working pressure of 100 PSI at the monitor's outlet. It has the same characteristics as the portable version. Horizontal range is 360° and elevation range: -90° to +90° by handwheels.

It can be equipped with different outlet equipment or couplings.

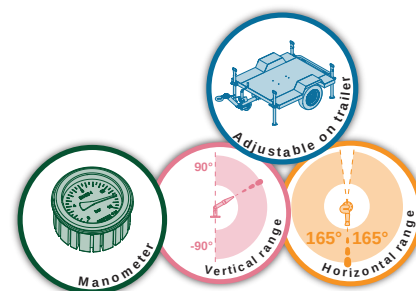
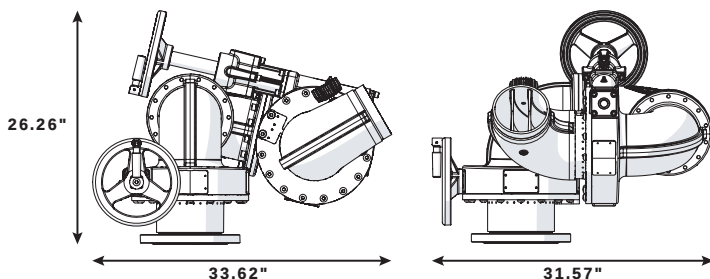


Inlets	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 4" ASA150	3.5" NST-NH male	4"	20.63 x 22.05 x 17.56	90.39	29428

Dicodoplus - 6" fixed monitor



Handwheel for vertical and horizontal position with foldable handles



The flow rate of our monitor "Dicodoplus 6" " is 4,000 GPM at a working pressure of 100 PSI at the monitor's outlet.

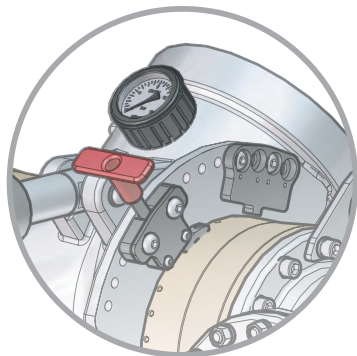
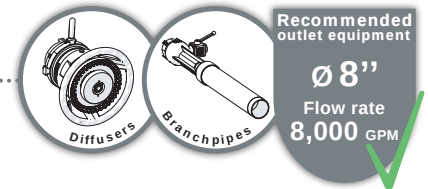
It is made of aluminium alloy anodised, finished with yellow polyester coating and can operate up to 230 PSI. The horizontal range is 330° and the elevation range goes from -90° to 90°. The positions are set via a steering wheel. It has a manometer to control the pressure.

It can be equipped with different outlet equipment or couplings.

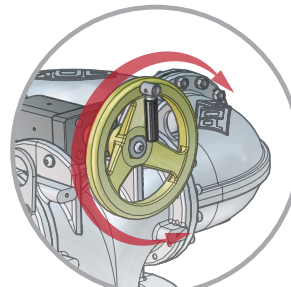
Inlets	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 6" ASA 150	6" NST-NH male	6"	33.62 x 31.57 x 26.26	243	27763.NST

8" fixed monitor

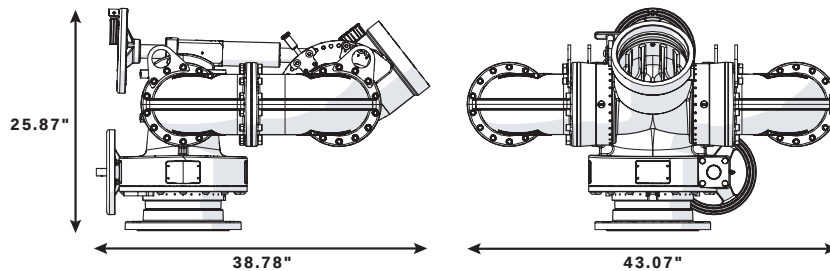
High flow rate
Up to **8,000**
gallons per minute



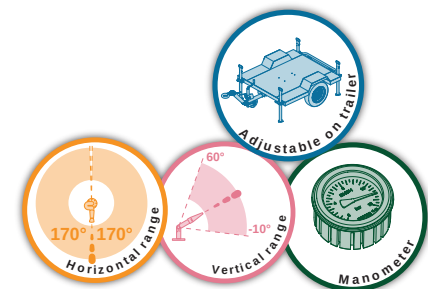
Handle for safety locking of vertical position (for trolley using) and pressure gauge



Handwheel for vertical and horizontal position with foldable handles



Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -170° to $+170^{\circ}$
Horizontal adjustment: by handwheel
Vertical movement: from -10° to $+60^{\circ}$
Vertical adjustment: by handwheel
Safety: adjustable stops for vertical adjustments
Options: flange, outlet equipment



Our monitor 8" is one of the most powerful monitor of our range of products. The flow rate is 8,000 GPM at a working pressure of 100 PSI at the monitor's outlet. It is made of aluminium alloy anodised, finished with white polyester coating and can operate up to 230 PSI. The horizontal range is 340° and the elevation range goes from -10° to 60° . The positions are set via a handwheel. It has a manometer to control the pressure. It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 8" ASA150	8" NST-NH female	8"	38.78 x 43.07 x 25.87	412	37426.NST

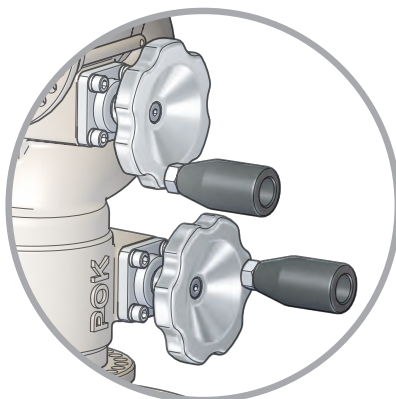


2.5" fixed monitor with handwheels, in bronze

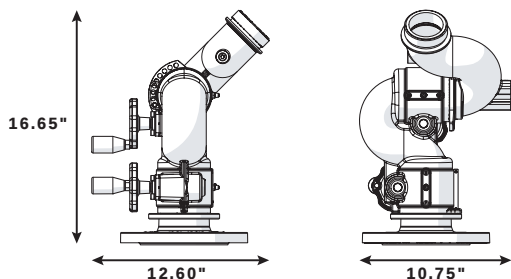
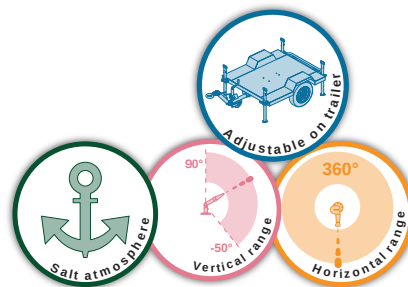


Maximum working pressure: 230 PSI
Material: bronze
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Vertical movement: from -50° to +90°
Vertical adjustment: by handwheel

Options: outlet equipment, flange



Handwheel for vertical position and horizontal position



Our fixed monitor nozzle 2.5" in bronze is made to be used in a marine environment and is designed to work up to 230 PSI.

The flow rate can go up to 530 GPM at 100 PSI at the monitor's outlet.

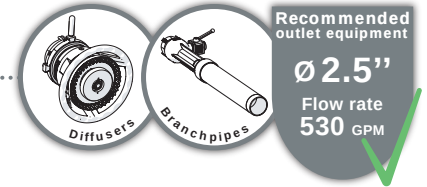
Elevation range is from -50° to +90°, horizontal range 360° by handwheels.

It can be equipped with different outlet equipment or couplings.

Inlets	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 4" ASA150	2.5" NST-NH male	2.5"	12.6 x 10.75 x 16.65	48.5	20432

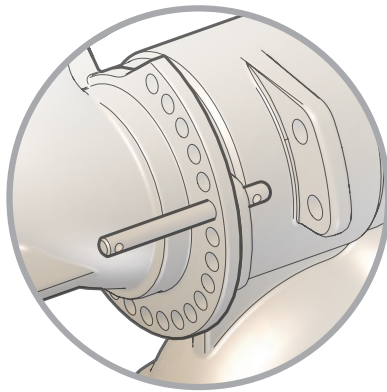


2.5" fixed monitor without handwheels, in bronze

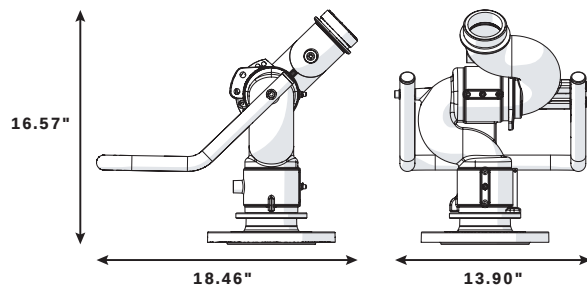
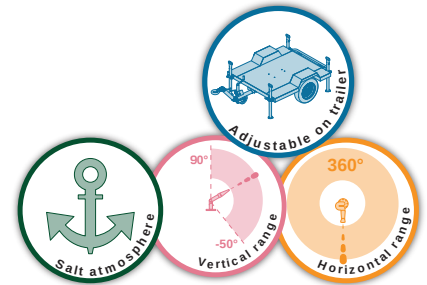


Maximum working pressure: 230 PSI
Material: bronze
Horizontal movement: on 360°
Horizontal adjustment: handle
Vertical movement: from -50° to +90°
Vertical adjustment: handle
Safety: locking pins for vertical and horizontal adjustments

Options: outlet equipment, flange



Safety pin for locking of vertical and horizontal position



Our fixed monitor nozzle 2.5" in bronze allows it to be used in a marine environment and is designed to work up to 230 PSI.

The flow rate can go up to 530 GPM at 100 PSI at the monitor's outlet.

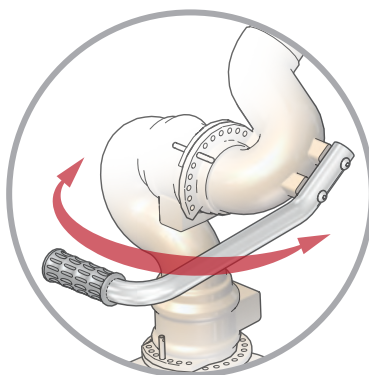
Elevation range is from -50° to +90°, and horizontal range 360° are set by a carrying handle, with locking knob.

It can be equipped with different outlet equipment or couplings.

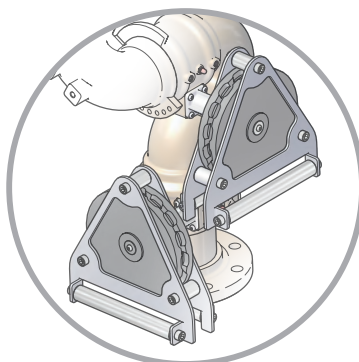
Inlets	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 3" ASA150	2.5" NST-NH male	2.5"	18.46 x 13.9 x 16.57	41.23	21189
Flange 4" ASA150	2.5" NST-NH male	2.5"	18.46 x 13.9 x 16.57	46.30	21005



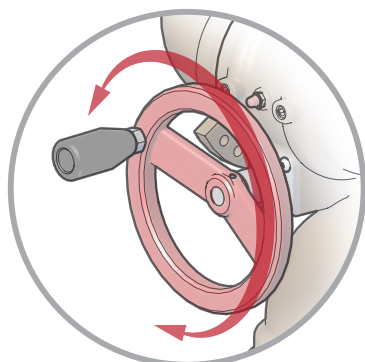
3" fixed monitor with handwheels, in bronze



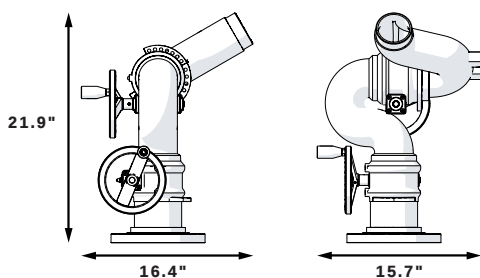
Handle with locking pin for vertical and horizontal position



Wheels with markprint for remote control by chain



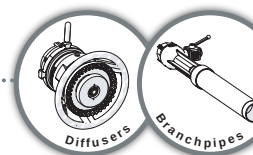
Handwheel for vertical and horizontal position



The 3" monitor in bronze is made to be used in a marine environment. The set up of the elevation position from -60° to +85° and in horizontal 360° can be done thanks to operating handwheels, handle or chains.

It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (inches)	Operating device	Dimensions (inches)	Weight (lbs)	Ref
Flange 4" ASA150	3" NST-NH male	3"	by handwheels	16.4 x 15.7 x 21.9	79.37	34377.NST
Flange 4" ASA150	3" NST-NH male	3"	by handle	22.5 x 16.5 x 22.3	90.39	34457.NST
Flange 4" ASA150	3" NST-NH male	3"	by chains	17.5 x 14.9 x 21.9	125.66	34343.NST



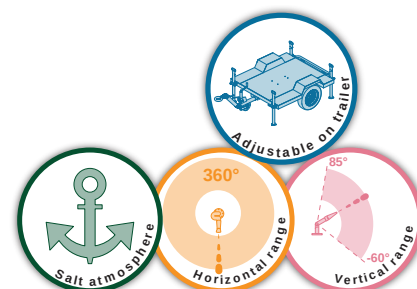
Recommended outlet equipment

Ø 3"

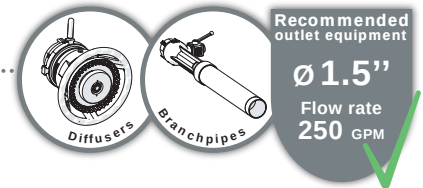
Flow rate
1,320 GPM

Maximum working pressure: 230 PSI
Material: bronze
Body type: molded
Horizontal movement: on 360°
Horizontal adjustment: by handwheels, by handle or by chains
Vertical movement: from -60° to +85°
Vertical adjustment: by handwheels, by handle or by chains

Options: outlet equipment, flange

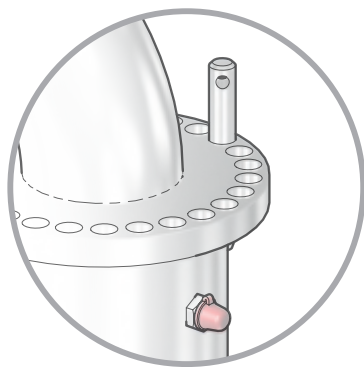


Snake - 1.5" fixed monitor, in stainless steel

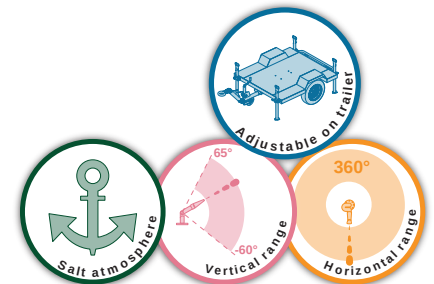
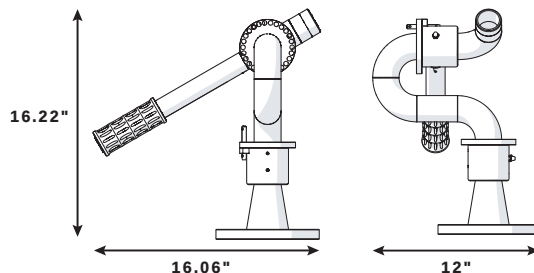


Maximum working pressure: 230 PSI
 Material: stainless steel
 Horizontal movement: on 360°
 Horizontal adjustment: by handle
 Vertical movement: from -60° to +65°
 Vertical adjustment: by handle
 Safety: locking pins for vertical and horizontal adjustments

Options: outlet equipment, flange



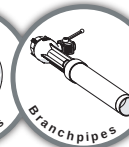
Knob for locking and grease



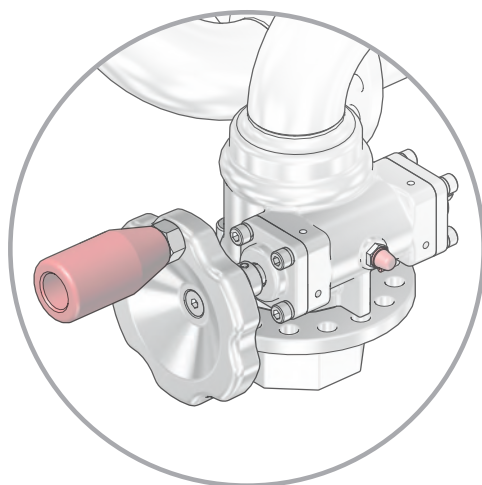
The monitor "Snake" 1.5" in stainless steel has a simple and robust design. The orientation of the jet in the horizontal plan over 360° and elevation from -60° to +65° are obtained with a lever and can be locked in their positions separately. The carrying handle makes it easy to operate. It can be equipped with different outlet equipment or inlet flange.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange DN65 ASA 150	1.5" NST-NH male	1.5"	16.06 x 12 x 16.22	19,84	33897.NST

Snake - 1.5" fixed monitor with handwheel, in stainless steel



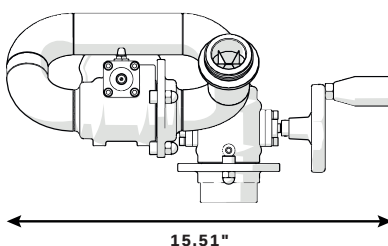
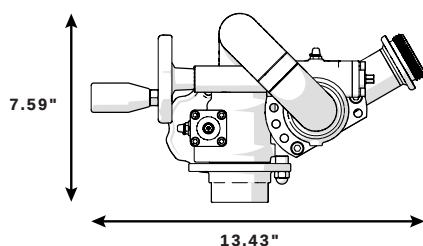
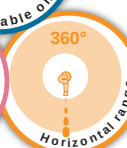
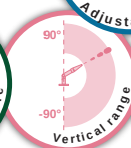
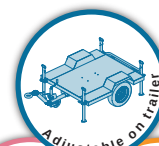
Recommended outlet equipment
Ø 1.5"
Flow rate 250 GPM



Handwheel with handle, drilling for stop setting every 22,5°, grease knob and endless screw

Maximum working pressure: 230 PSI
Material: stainless steel
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel
Safety: adjustable stops for vertical and horizontal adjustments

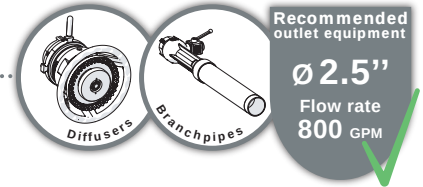
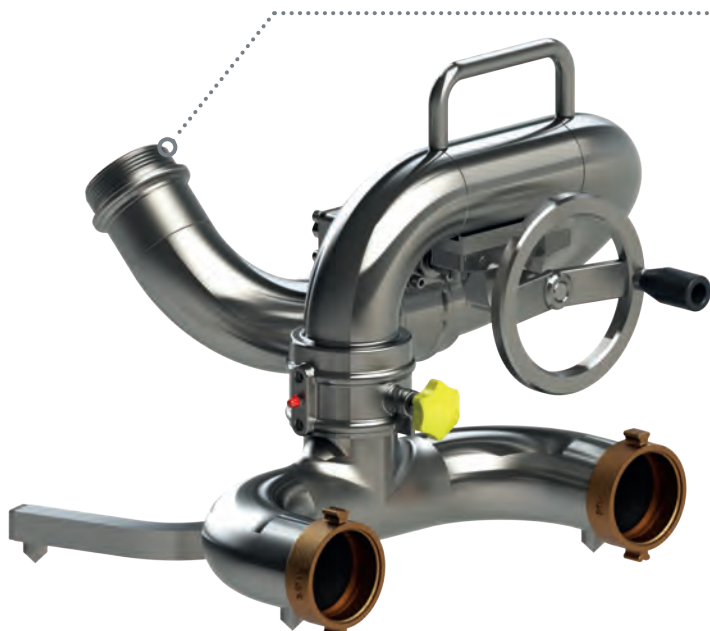
Options: outlet equipment, flange



The monitor "Snake" 1.5" in stainless steel with operating handwheel is an easy to use and sturdy monitor.
 The 360° horizontal movement and the vertical movement from -90° to +90° are adjusted by means of the handwheels.
 It can be equipped with different outlet equipment or inlet flanges and threads.

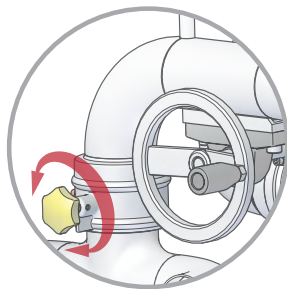
Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
1.5" NPT female	1.5" NST-NH male	1.5"	13.43 x 15.51 x 7.59	15.76	20402

2.5" portable monitor, in stainless steel

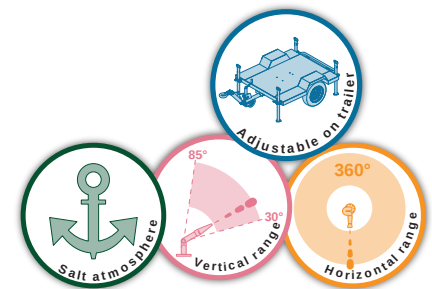
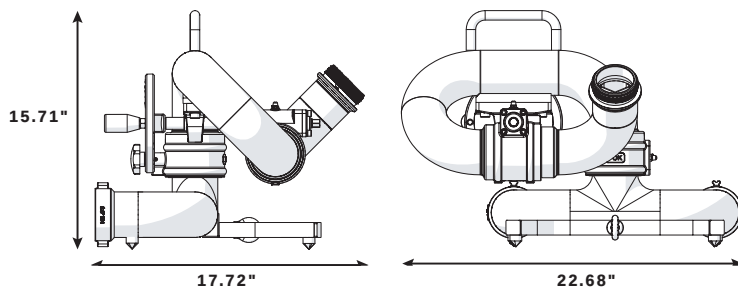


Maximum working pressure: 230 PSI
Material: stainless steel
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Safety: locking knob for horizontal adjustment

Options: outlet equipment, coupling



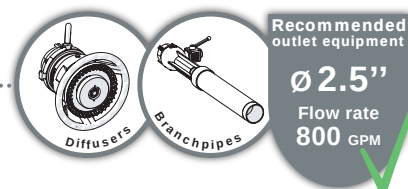
Handwheel for vertical adjustment and knob for horizontal locking



Our 2.5" portable monitor is made of stainless steel and is designed to work up to 230 PSI. Flow rate can go up 800 GPM at 100 PSI at the monitor's outlet. Horizontal range is 360° by carrying handle with locking. Elevation is adjustable from +30° to +85° by handwheel. The monitor is equipped with a portable base of two 2.5" inlets. The monitor has a base with two feet for maximum stability on the ground and a mooring ring to fix a strap (strap supplied).

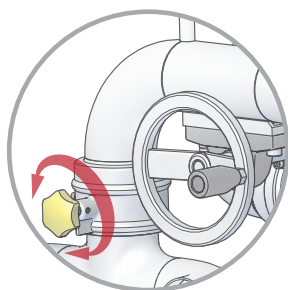
Inlets	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
2x 2.5" NST-HH female	2.5" NST-NH male	2.5"	17.72 x 22.68 x 15.71	40,45	20344.NST

2.5" fixed monitor, in stainless steel

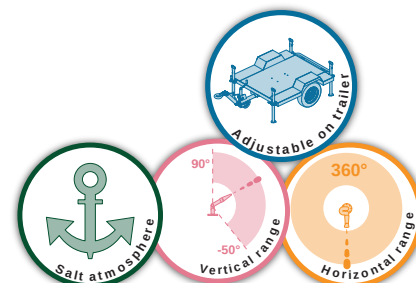
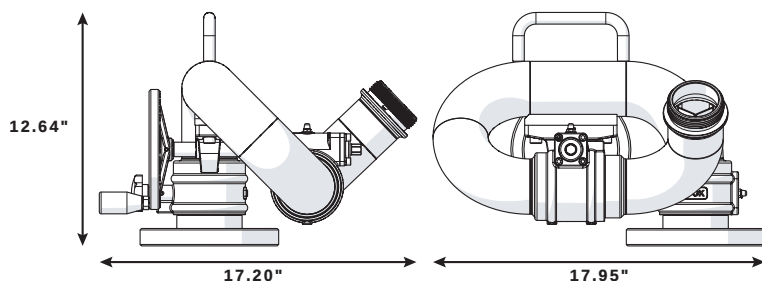


Maximum working pressure: 230 PSI
Material: stainless steel
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +80°
Vertical adjustment: by handwheel
Safety: locking knob for horizontal adjustment

Options: outlet equipment



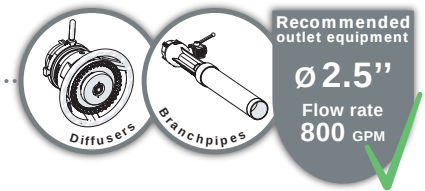
Handwheel for vertical adjustment and knob for horizontal locking



Our fixed monitor 2.5" is made of stainless steel and is designed to work up to 230 PSI. Flow rate can go up to 800 GPM at a working pressure of 100 PSI at the monitor's outlet. It has the same characteristics as the mobile version. Horizontal range of 360° by handle with locking device, and elevation range of -60° to +80° by handwheel. Different inlet flanges and outlet equipment are possible.

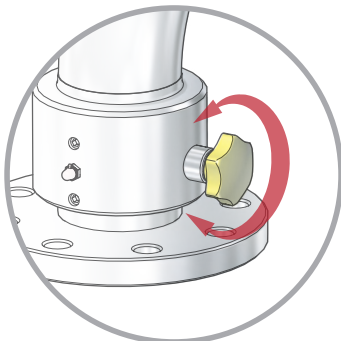
Inlets	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 3" ASA150	2.5" NST-NH male	2.5"	17.2 x 17.95 x 12.64	37.48	20350

Mercator - 3" fixed monitor, in stainless steel

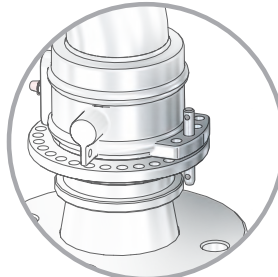


Maximum working pressure: 230 PSI
 Material: stainless steel
 Horizontal movement: on 360°
 Horizontal adjustment: by handle
 Vertical movement: from -60° to +80°
 Vertical adjustment: by handle

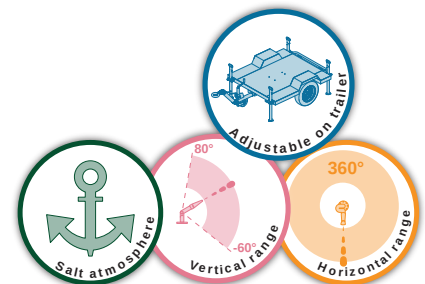
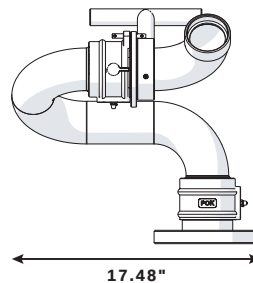
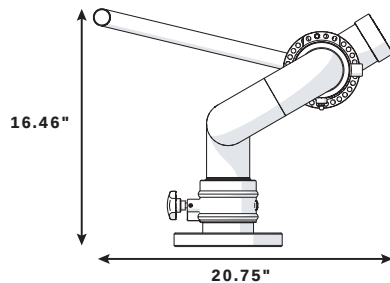
Options: outlet equipment



Locking knob for vertical and horizontal position



Optional: replacement for the locking knob by a pin



Our fixed monitor "Mercator 3000" is made of stainless steel and is designed to work up to 230 PSI.

Flow rate can go up to 800 GPM at 100 PSI at the monitor's outlet.

Horizontal range is 360° by handle with locking. Elevation range is -60° to +80° by setting tray with locking knob.

It can be equipped with different outlet equipment or inlet flanges.

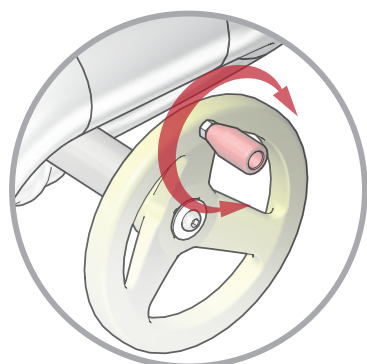
Inlets	Outlet	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
Flange DN80 ASA 150	2.5" NST-NH male	3"	20.75 x 17.48 x 16.46	37.48	03487.NST

4" fixed monitor with handwheels, in stainless steel

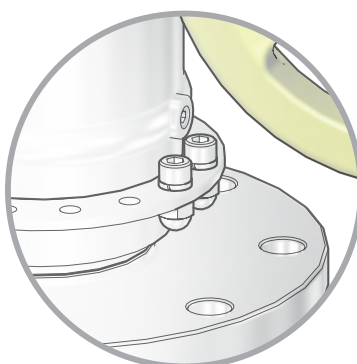


Maximum working pressure: 230 PSI
 Material: stainless steel and bronze
 Horizontal movement: from -170° to +170°
 Horizontal adjustment: by handwheel
 Vertical movement: from -90° to +90°
 Vertical adjustment: by handwheel

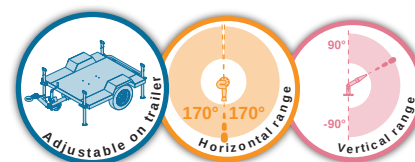
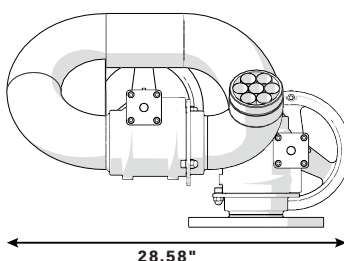
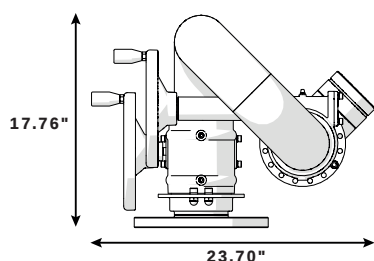
Options: outlet equipment



Operating handwheels for vertical and horizontal positions



Horizontal and vertical movements stops by steps of 22.5°



Our manual monitor 4" in stainless steel offers an unequalled easiness of use thanks to its two geared handwheels.

Vertical movement from -90° to +90° and horizontal movement from -170° to 170° according to the stops (adjustment by steps of 22.5°).

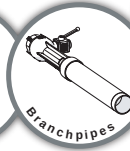
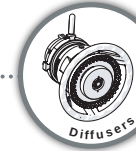
It is equipped on the inlet with a flange 4" ASA150 and on the outlet with a 3.5" NST-NH thread on which a diffuser or a foam branchpipe can be mounted.

The pipe of this monitor includes an inside stream shaper made of seven elements which enables to get a higher range and a better stream quality.

It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 4" ASA150	3.5" NST-NH male	4"	23.70 x 28.58 x 17.76	123.46	31323

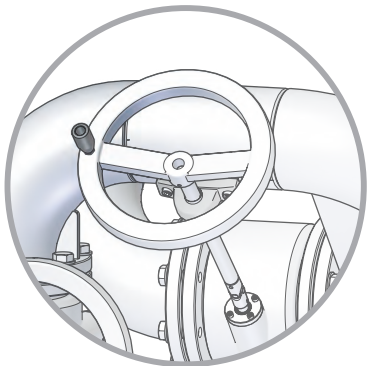
Gearator - 6" fixed monitor with handwheels, in stainless steel



Recommended outlet equipment

Ø 6"

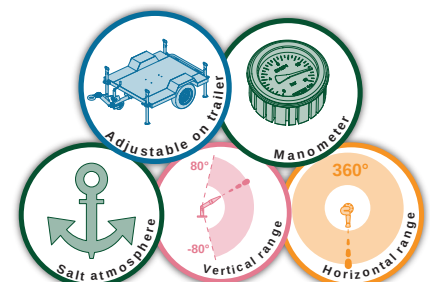
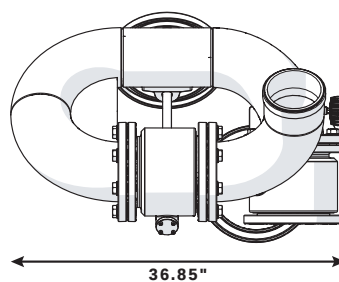
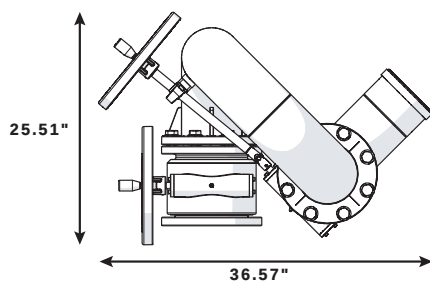
Flow rate
4,000 GPM



Handwheel for vertical and horizontal position

Maximum working pressure: 230 PSI
Material: stainless steel
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Vertical movement: from -80° to +80°
Vertical adjustment: by handwheel

Options: outlet equipment



The fixed monitor "Gearator" 6" is one of the most powerful model of our range of fixed monitors.

It is made of stainless steel and is designed to operate up to 230 PSI.

Flow rate can go up to 4,000 GPM at 100 PSI at the monitor's outlet.

The horizontal movement is working over 360° and elevation from -80° to +80° by handwheels and elevation worm wheel.

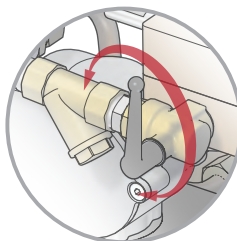
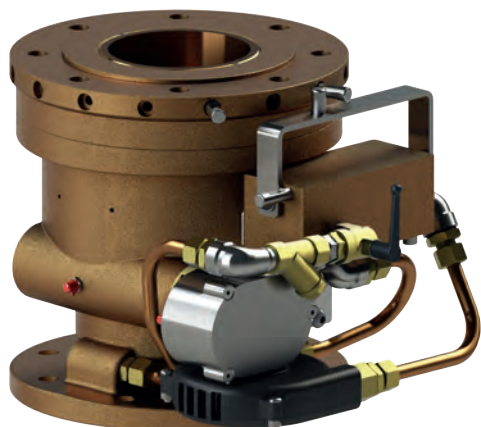
The equipment comes with a manometer to control the pressure.

It can be equipped with different outlet equipment or couplings.

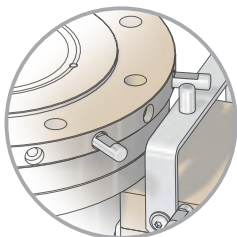


Inlets	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 6" ASA150	6" NST-NH male	6"	36.57 x 36.85 x 25.51	407.85	29447

hydraulic actuator



Shutoff valve and oscillation speed adjustment. Easy maintenance of the filter in the actuator



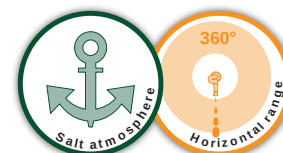
Adjustment stops of the angular stroke with 20° incrementation

Maximum working pressure: 230 PSI
Material: stainless steel, bronze
Opening: by valve
Speed adjustment: by valve
Horizontal movement: on 360°, automatic sweeping
Filter: YES

Our 4" hydraulic actuator was designed to offer more oscillating opportunities for fixed monitors.

It is entirely made of bronze with screws in stainless steel.

The oscillation angles are easily adjustable from 20° to 360° (with 20° incrementation).



Inlet	Outlet	Speed	Dimensions (inches)	Weight (lbs)	Ref
Flange 4" ASA 150	Flange 4" ASA 150	0,9 rpm @ 145 PSI 0,7 rpm @ 100 PSI	12.87 x 10.08 x 9.41	92.37	33375



Tripod stands, without valve



Maximum working pressure: 230 PSI
Material: steel (stainless steel on request)
Surface treatment: polyester coating

Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref
Flange 3" ASA150	Flange 3" ASA150	Ø 25.59 x 24.41		09527
Flange 4" ASA150	Flange 4" ASA150	Ø 25.59 x 24.41	48.85	09529
Flange 6" ASA150	Flange 6" ASA150	Ø 47.64 x 40.09	143.3	27988

Right-angled tripod stand, without valve



Maximum working pressure: 230 PSI
Material: stainless steel

Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref
4" NST-NH female	Flange 3" ASA150	24.02 x 21.34 x 24.41	33.29	32721.NST

POK EasyDrive®

All our monitors compatible with POK EasyDrive® can be controlled via a wired system "TECHNO" or wirelessly with a radio remote control, corresponding to our systems "MINI" and "FULL". For potentially explosive environments choose our remote control MINI ATEX that provides all the safety required and that can be used with confidence. Our control systems were all developed by combining the most stringent regulatory constraints and our industrial knowledge, so we can guarantee a high level of safety and reliability. Our ATEX system was validated by LCIE, a leading certification body in Europe.

Remote control FULL or MINI

These remote controls offer the advantage of controlling a monitor while keeping the fireman operating it further away from the danger and increasing the overall efficiency (better mobility). The monitor should remain within good sight of the fireman. However one can operate the monitor from up to 1640 feet away when using the system FULL.

To work, the monitor needs to be supplied with power, if not equipped with its own battery. A very efficient system for automatic frequency search based on the "Listen Before Talking" principle (LBT) ensures optimum operation of the same radio link in a polluted electromagnetic environment. The transmitter is continuously in bidirectional communication with the receiver. A general emergency stop of the "push / turn" type, redundant and monitored in real time, ensures availability of the latter at any time and allows an immediate halt to any movement in case a potential hazard occurs. Using powerful radio systems available on the market, the remote control operates with a license-free frequency band offered in most countries in the world. If necessary, we can provide specific frequencies (end user requirement).

Remote control TECHNO

The TECHNO remote control allows the control of the monitor through a wired transmitter connected to a control cabinet. Through the use of an industrial communication network (CANopen) and embedded controllers of the latest technology, the TECHNO system allows to chain multiple monitors and thus to create a network. If the distance between the monitor and the transmitter must exceed several hundred meters, we suggest the use of optical fibers.

All monitors of a network can be controlled from a single point and from a single transmitter. A graphic display of 4.3 inches on the transmitter shows the actual position of the monitor in real time, that is the direction in which the monitor is pointing.

The flexibility of this system allows to add additional features such as:

- Detecting a hot spot
- Learning multiple points of attack of the fire
- Other functions on request

A backup battery system supplies power to the monitor in case of failure of the main power supply (optional).

The TECHNO remote control system is protected against lightning in accordance with the circular of April 24th 2008. The entire installation is fully customizable by the transmitter thanks to intuitive functions.

MINI ATEX

The MINI ATEX remote control system operates all the EasyDrive® compatible monitors by hertzian waves. Certified by one of the leading laboratories in Europe, this remote control can be used in IIB group (Ethylene), category 2 (zone 1).

Thanks to its compact operation panel and its low weight (0,61 lbs), the remote offers high performance and essential safety options for a stable use of the monitor nozzles.

Its strong and original joysticks (contactless) allow flexible control and good precision of the vertical and horizontal travels and the diffuser.

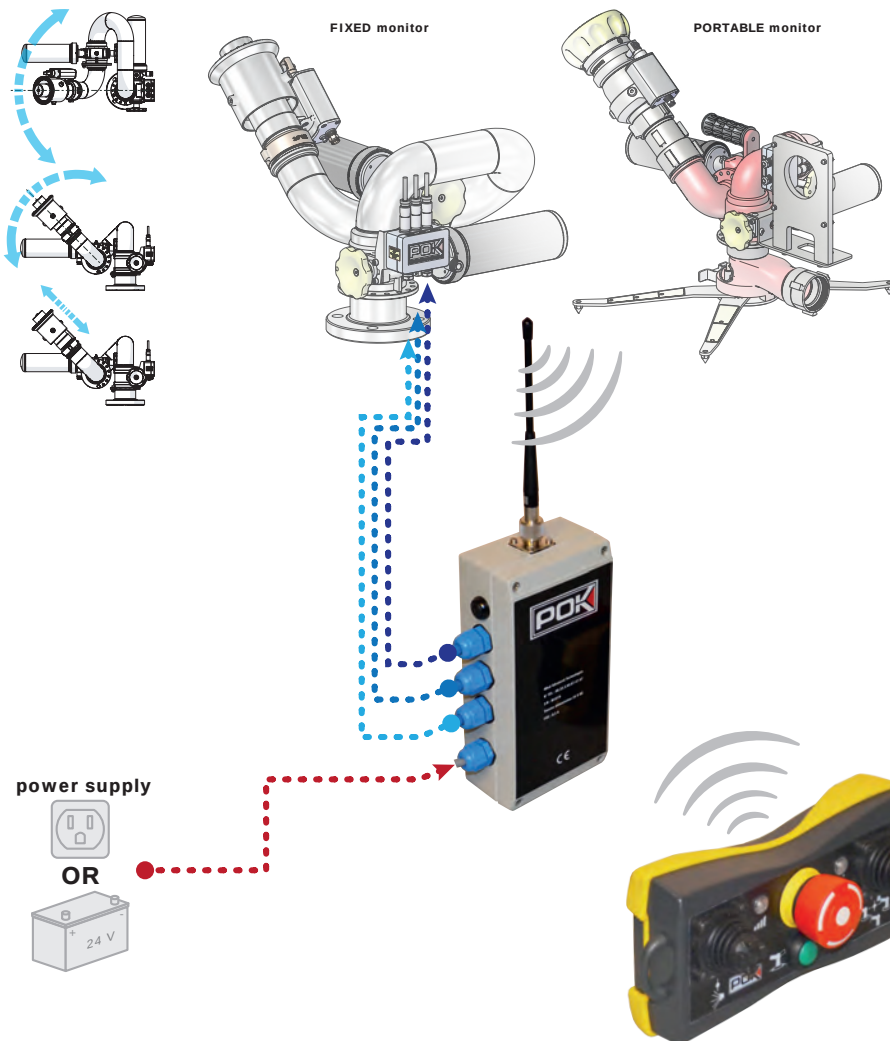
The emergency stop button dual-output and autocontrol allows the user to stop motion immediately in case of danger.

The remote control is possible even in external electromagnetic disturbance owing to automated and original frequencies scan based on the LBT protocole (Listen Before Talking). A permanent dialogue between the transmitter and the receiver ensures high security level; two bi-color LEDs allow the user to know, at anytime, the state of the communication.

Thanks to control joysticks, the sweeping angle can be adjusted. Instinctively, the user may start the horizontal automatic sweeping by simply pushing the button.

The remote has a battery sufficiency of more than 8 hours in continuous use; battery can be recharged within 3h; the compatibility between both is permanently measured.

Combined with integrated encoding motors, the remote control system removes any mechanical stress thanks to a very sophisticated algorithm of position enslavement.



Housing:
Antistatic ABS, thickness 0.1"
Graphite grey color, yellow O-ring
Dimensions of the transmitter: 6.1 x 3.1 x 1.3"
Weight of the transmitter: 0.62 lbs with battery
Dimensions of the receiver: 7.9 x 3.9 x 2.4"
Weight of the receiver: 1.94 lbs

Waterproof protection class: IP66
Operation temperature: -30°C to 70°C

Fitted with:
Hall-effect Joysticks
Single way Push button
Mushroom-head switch for stop-function
Human-machine interface: 2 bicolor LEDs

Technology: Radio with automatic frequency synthesiser (16 frequencies)
Frequency range: 433 - 434 MHz
Range of radio transmission: 656 ft in free-field

Transmitter carrying: with shoulder straps

Power supply of the transmitter:
Internal battery 3.7 V / 800 mAh
Autonomy 8 h
Recharge in less than 5 h with smart charger

Power supply of the receiver:
Battery 24V / 9 Ah
Autonomy of 8 h with horizontal sweeping
Recharge in less than 3 h with smart charger

Connection of the receiver:
IP67 cable glands

Remote-controlled functions:
Elevation (proportional control)
Horizontal (proportional control with automatic sweeping option)
Diffuser (on-off control)
Emergency stop

Configurable functions by learning:
Horizontal sweeping angle

Options:
Long antenna for receiver
230 VAC Power supply for the receiver

Description	Ref
Mini atex system control	38311

FULL

The FULL remote control system operates all the EasyDrive© compatible monitor by hertzian waves.

Thanks to its ventral compact operation panel and its low weight (less than 4.41 lbs), the remote control offers high performance and safety essential for a stable use of the monitor nozzles.

Its strong and original joysticks (contactless) allow flexible control a good precision of the vertical and horizontal travels, diffuser and flow rate control.

You may control the valve and telescopic elevator thanks to added mechanism, ergonomically placed on the operation panel.

The emergency stop button dual-output and autocontrol allows the user to stop motion immediately in case of danger.

The very original and automated scan of the frequencies, authorises the use of the remote control even in presence of external electromagnetic disturbance.

Strong and compact digital display shows the state of the monitor (battery charge, learning mode, etc) .

The horizontal automated sweeping, can be started by a single push on button and adjusted (modification of the angle) intuitively, thanks to the joysticks of the remote.

Thanks to its high capacity battery, the remote has a battery life of more than 16h of continuous use, the recharge can be done in less than 2 hours.

Combined with integrated encoding motors, the remote control system removes any mechanical stress thanks to a very sophisticated algorithm of position enslavement.

Housing:

Aluminium 5005, thickness 0.1"

Color RAL 9005

Plastic coated

Dimensions of the transmitter: 6.7 x 3.3 x 5.4"

Weight of the transmitter: 4.34 lbs with battery

Dimensions of the receiver: 8.8 x 5.1 x 3.4"

Weight of the receiver: 3.02 lbs

Waterproof protection class: IP66

Operation temperature: -30°C to 70°C

Fitted with:

Hall-effect Joysticks

3 positions toggle switch, protected with waterproof caps

ON/OFF power switch

Mushroom-head switch for stop-function

Technology: Radio with automatic frequency synthesiser (16 frequencies)

Frequency range: 433 - 434 MHz

Range of radio transmission: 1640 ft in free-field

Transmitter carrying: with belt

Power supply of the transmitter:

Pluggable battery in stainless steel box 12 V / 1500 mAh

Autonomy 16 h

Recharge in less than 2 h with smart charger

Power supply of the receiver:

Battery 24V / 9 Ah

Autonomy of 8 h with horizontal sweeping

Recharge in less than 5 h with smart charger

Connection of the receiver:

Pluggable connectors IP67 sealed

Remote-controlled functions:

Elevation (proportional control)

Horizontal (proportional control with automatic sweeping option)

Diffuser (on-off control)

Blabbermouth (on-off control)

Adjustable flow rate (on-off control)

Telescopic tube (up and down)

Valve (open / close)

Emergency stop

Configurable functions by learning:

Vertical sweeping angle

Attack position of the monitor

Parking position of the monitor

Position display (optional)

Human-machine interface: 2 digits display

Options:

Spare battery for the transmitter

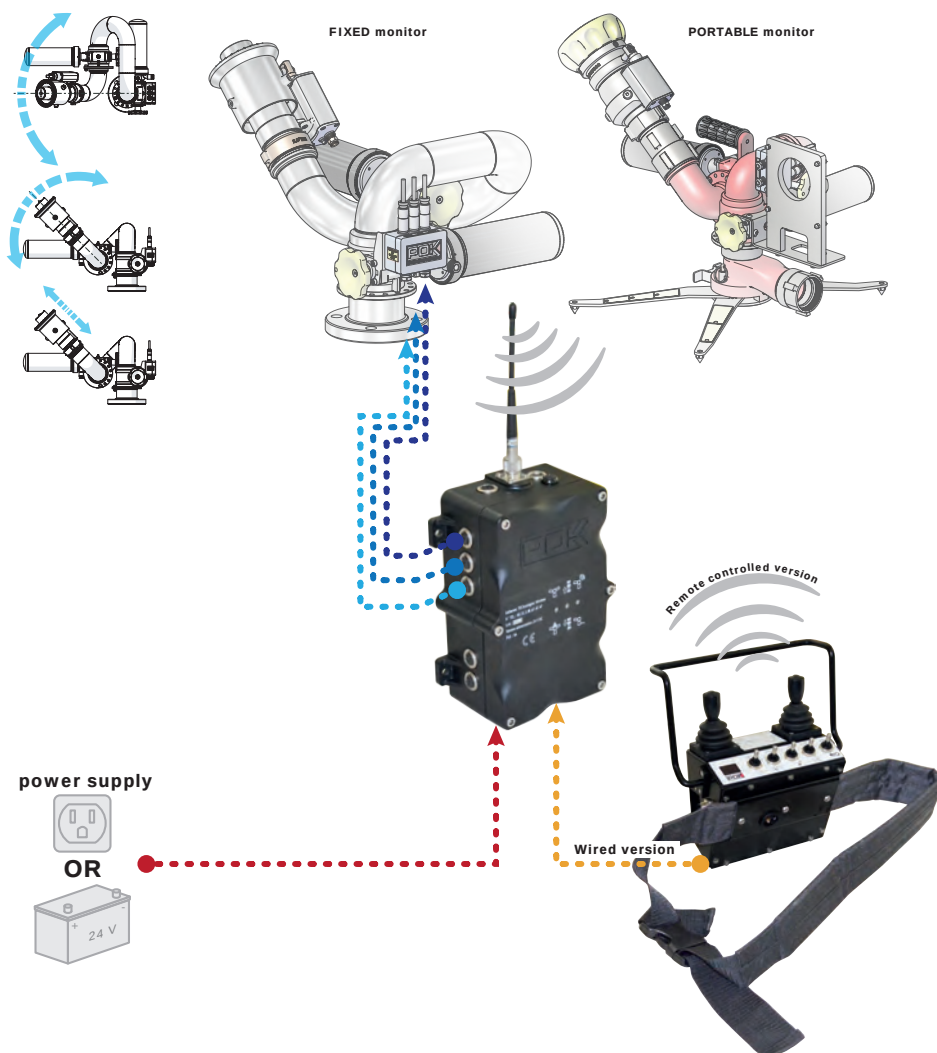
Charger 24 V DC

Position display of the monitor

Wire for transmitter to receiver connection

Long antenna for receiver

230 VAC Power supply of the receiver



Description

Full system control

Ref

26646

TECHNO

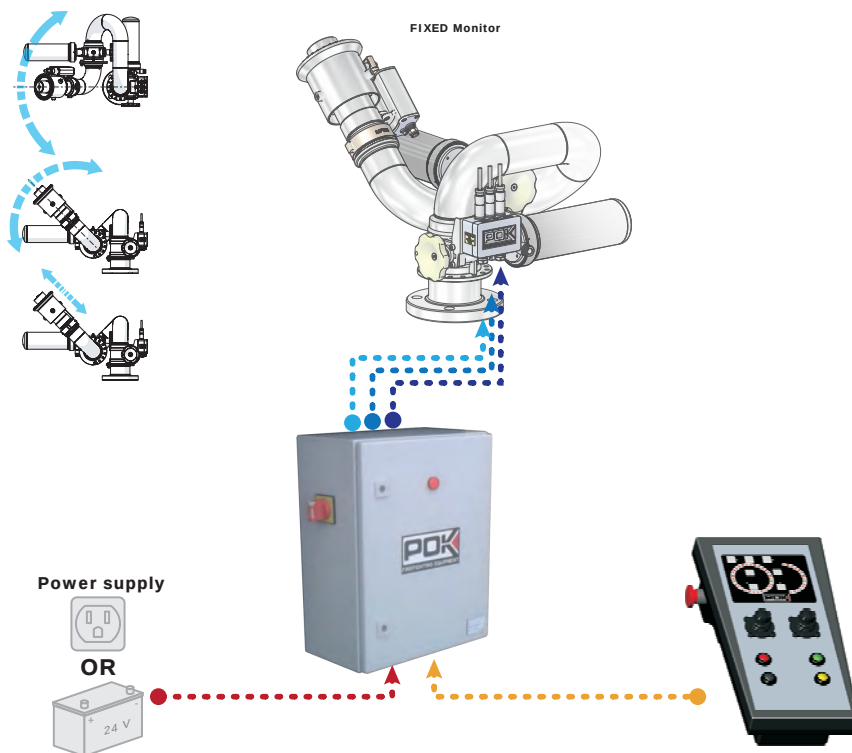
The control system TECHNO provides a wired control in which all fixed monitors are compatible with POK EasyDrive®. With major electrical safety functions (disconnecting switch, circuit breaker), the POK_CC control cabinet is equipped with an embedded controller of the last generation, that offers the best performance on the market and ensuring the control of the monitor and communication with the operator. The remote control system is linked with integrated encoders of the monitor, removing mechanical stress thanks to a sophisticated algorithm for the control of the position.

When the application requires it, the POK_CC is equipped with all protections against lightning in accordance with the decree on the prevention of accidental risks within classified facilities for environmental protection from July 19th 2011. A backup battery system provides power to the monitor when the main power is off.

Associated with its smart charger, spare batteries are always kept at an optimum charge level to work in full safety. Connecting the wired remote control to POK_CC is done through a CANopen bus cable. If the distance between these two units exceeds a few hundred meters, an optical fiber connection will be used.

An automatic mode enables automatic triggering of the sweeping of the monitor for the emergence of a fire. The compact console of low weight (less than 4.41 lbs) provides to the remote control the performance and security that are essential to ensure undisturbed functioning of the monitors. The solid and original joysticks (without contact) allow flexible control with high precision of vertical and horizontal movements and of the diffuser. Additional options ergonomically placed on the desk allow the control of a valve and the selection of the operating mode (automatic or manual).

An emergency stop button (redundant and self- controlled) allows the operator to immediately stop all movements in case of a hazard. A graphic display of 4.3 inches (optional) provides in real time the position of the monitor and informs the operator about the status of the installation (current scan, level of the battery charge, installation setting, storage and attach). The automatic sweeping in the horizontal and vertical directions can be started by simply pressing a push button. Electronic stops taught with an intuitive setup menu help to define the new limit positions of the monitor at any time.



Power supply of the POK_CC:
230 VAC - 16 A - 50 Hz
or
100-127 VAC - 16 A - 50/60 Hz
Spare batteries (optional) 24 V - 18 Ah

Connection of the POK_CC:
Pluggable connectors IP67 sealed

Operation modes:

Manual: control of the movements with the remote control

Automatic: automatic sweeping actioned from external data source (hot spot detection)

Remote-controlled functions:

Elevation (proportional control with sweeping option)

Horizontal (proportional control with automatic sweeping option)

Diffuser (on-off control)

Valve (open / close)

Emergency stop

Configurable functions by learning:

Electronic stops

Attack position of the monitor

Parking position of the monitor

Position display (optional)

Description	Ref
Techno V2 wired system control	TC009277

Li-Ion battery charger

Equipped with all safety devices (outlet short-circuit, overvoltage, overcurrent, polarity inversion), this charger allows stable recharge of all the EasyDrive© compatible Li-Ion batteries.

Particularly intelligent, the recharge is done in three steps, pre-charge, slow charge at constant current, and then a recharge at a constant voltage, ensures battery lifetime of more than 1500 cycles; an LED indicator allows to control the state of the recharge in progress.

Equipped with an outlet wire with connector, the charger can be switched directly to the battery. Thanks to its construction, it can be connected to any supply network without any adapter.



Input voltage: 90-264 VAC - 47-63 Hz
Power consumption: < 2.0 W without charge
Intensity voltage in full load: < 1.8 A
Nominal output voltage: 24 V
Maximal output voltage: 29.2 V +/- 0.25 V
Output intensity: 2 A +/- 0.2 A
Efficiency: > 80%
Ripple: < 1% of the output voltage
Protection: short-circuit, overvoltage, overcurrent, reverse polarity
Dimensions: 5.59 x 2.44 x 1.38"
Weight: 1.15 lbs
Charging in 3 steps: pre charge, constant current charge, constant voltage charge
Charging time: < 5 h
Operation temperature: 0 to +40°C
Storage temperature: -20°C to 60°C
Humidity: < 65%
Connectors: 6 contacts plug BINDER Ref 99-5622-15-06
Length of the output cable: 25 cm +/- 1 cm
Wiring: 1/NC, 2/NC, 3/+ Charge, 4/- Charge, 5/NC, 6/NC
Red LED: charge in progress
Green LED: full charge or no battery connected

Description	Ref
Li-Ion battery charger	28188

Li-Ion 24V/9Ah battery

The POK Li-Ion battery allows a safe power supply (thanks to its last generation security functions) all the monitors compatible with EasyDrive©.

The battery is self-sufficient for eight hours in continuous horizontal sweeping thanks to its 9Ah capacity.

Equipped with a four LEDs charge indicator, the remaining capacity can be easily measured. It can be charged in less than five hours, by means of its smart charger which guarantees about 1500 charge cycles.

Thanks to its pin fixing system, and unpluggable connector, the battery can be removed very easily.

A IP66 waterproof device prevents moisture and condensation inside the box that may be caused by temperature variations. The entire battery is IP66 and can be exposed to water.



Configuration: 8 cells
Chemical elements: LiFePO4 (LFP) Lithium Iron Phosphate
Nominal voltage: 25.6 V
Nominal capacity: 9 Ah
Energy: 230 Wh
Output impedance: ≤ 150 mΩ
Waterproof protection class: IP66
Dimensions: 9.84 x 6.06 x 3.50"
Weight: 6.61 lbs
Service life: ≥ 1500 cycles at 0,2 C of the charging current (> 80% of the initial capacity)
Charging method: constant current then constant voltage
End of charge voltage: 29.2 V
Charging current: 0.2 C
Charging time: 5 to 6 h
Standard discharge condition: 0.2 C
Discharge time: 4.5 to 5h
Cut-off voltage in discharge: 16 V
Cut-off intensity in discharge: 10 A
Temperature when in-charge: 60°C ≥ 97%, 45°C ≥ 97%, 23°C = 100%, 0°C ≥ 65%, -10°C ≥ 50%
Operation temperature: -20°C to 60°C
Storage temperature: -20°C to 50°C
Connectors: 6 contacts female plug BINDER Ref 99-5622-15-06
Cable length: 10" +/- 0.4"
Wiring: 1/+24V, 2/GND, 3/+Charge, 4/GND Charge, 5/NC, 6/NC
Charge level: indication of the charging level of the battery via 4 LEDs
Push button: allows to see the charging level of the battery when pressed

Description	Ref
Li-Ion 24V / 9Ah battery	28157

NiMH battery charger

The POK quick charger is able to charge the NiMH batteries of FULL range transmitters safely in two hours.

This smart charger detects the end of charge and applies a trickle current to the battery ; it is possible to leave the battery in the charger even after the end of charge.

A red LED indicates the end of load (light off).

A green LED indicates that power is ON.

Featuring convection holes, cooling of the charger is done naturally.

A safety timer can cut the load after three hours if a final charge was not previously detected.

Input voltage: 230 VAC - 50 Hz or 24 VDC
Charge characteristics: Constant current - voltage slope detection - trickle charge
Temperature range: 0°C to +40°C
Green led: power ON
Red led: ON: charge in progress - OFF: Full charged



Description	Ref
NiMH battery charger	TC000995

NiMH battery

The POK NiMH battery can safely supply the FULL range transmitters thanks to its intrinsic safety functions.

The capacity of this battery is 1500 mAH for a nominal voltage of 12V, ensuring an autonomy of sixteen hours of the transmitter.

The battery can be charged in two hours thanks to its smart charger (TC000995) guaranteeing a lifetime of 500 charge and discharge cycles.

Completely sealed and protected by a stainless steel case, the battery is protected against mechanical impact and water ingress.

Configuration: 10 cells 1,2V
Technology: Foam positive electrode, Metal-hydride negative electrode
Nominal voltage: 13,6V
Typical capacity: 1500 mAh
Impedance at 1000 Hz: less than 250 mOhms
Dimensions: 2.99 x 2.28 x 1.18"
Weight : 0.78 lbs
Cycle life: 500 cycles
Standard charge conditions: C/2
Temperature range in discharge: 0°C to +40°C
Extreme temperature range in discharge: -20°C to +65°C (less than 1 month)
Storage temperature: +5°C to +25°C

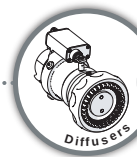


Description	Ref
NiMH battery	TC006022

2.5" portable monitor

Compatible
POK EasyDrive®

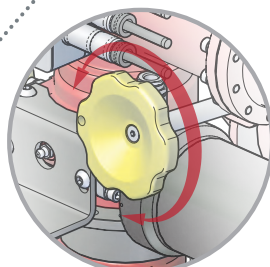
Design
According to **ATEX**
Certification pending



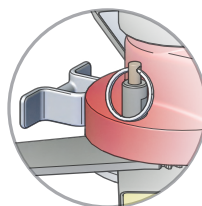
Recommended outlet equipment

Ø 2.5"

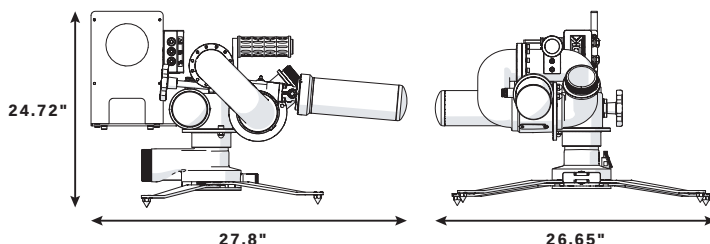
Flow rate
630 GPM



Spare handwheel for vertical and horizontal adjustments

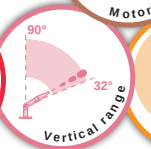
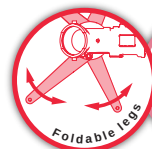


Locking pin of fold away legs and ring for anchorage strap



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: on 360°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from +32° to +90°
Vertical adjustment: motorised and spare handwheel
Power supply: 12 or 24V CC
Speed: 22°/s
Safety: locking of the legs, anchoring strap
Carrying handle: YES
Foldable legs: YES

Options: coupling, outlet equipment, control system, trolley



Thanks to its carrying handle, this monitor can be easily operated and placed precisely for fire attack.

Equipped with stabilising legs and a mooring strap, it is extremely stable when used at its maximum flow rate. A quick coupling system allows to disconnect it from its base and place it on a fixed position.

Its outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, blabbermouth) allow a flow rate up to 630 GPM at 100 PSI at the monitor's outlet.

As it is designed to operate up to 230 PSI, it can support innoportune high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive® Compatible) and equipped with high performance motors, it can be controlled by the most efficient radio or wire remote controlled system, allowing extremely fast moves, precise and progressive.

Its battery is self efficient up to eight hours, and can be recharged in five hours.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
2.5" NST-NH female	2.5" NST-NH male	2.5"	27.8 x 26.65 x 24.72		29369
2.5" NST-NH female	2.5" NST-NH male	2.5"			34705*

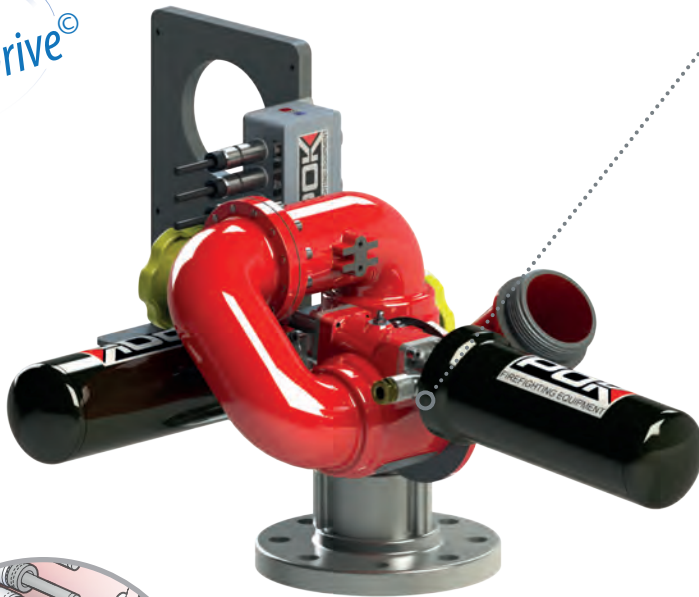
*Design according to ATEX

Trolley for portable monitor



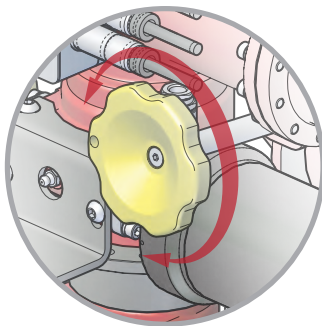
Description	Dimensions (inches)	Weight (lbs)	Ref
Trolley	19.88 x 27.32 x 42.63	30.86	29349

2.5" fixed monitor

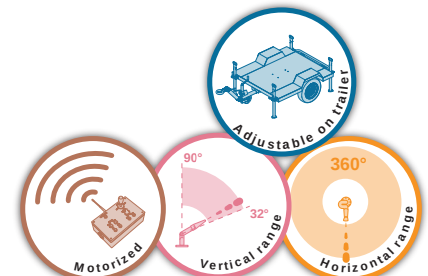
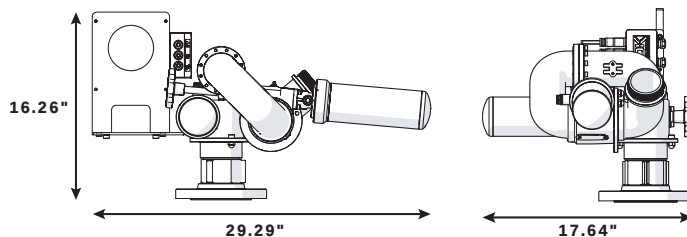


Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: on 360°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from +32° to +90°
Vertical adjustment: motorised and spare handwheel
Power supply: 12 or 24V CC
Speed: 22°/s

Options: flange, outlet equipment, control system



Spare handwheel for vertical and horizontal adjustments



This hybrid monitor offers the performance of a fixed monitor and flexibility of a portable monitor.

Due to its original design, it is essential on installation such as warehouses, vehicles, waste recycling centers, platforms, and so on, when continuous use is necessary and in the hardest environment.

It is available with various inlet flanges.

Several outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipes, blabbermouth) allow an outlet flow rate up to 800 GPM at 100 PSI at the monitor's outlet.

The monitor is designed to operate up to 230 PSI and can support high pressure due to manipulation mistakes.

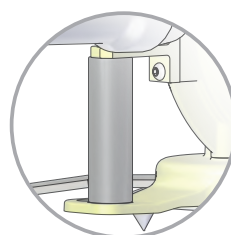
Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by the most efficient radio or wire remote controlled system, allowing extremely fast, precise and progressive moves.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange DN80 ASA 150	2.5" NST-NH male	2.5"	29.29 x 17.64 x 16.26	63.93	26544.ASA

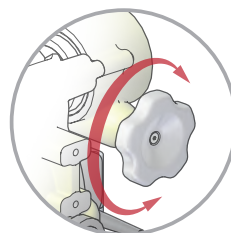
Montmirail DC

Design
According to **ATEX**
Certification pending

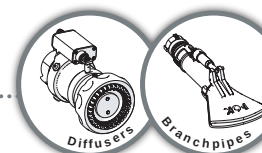
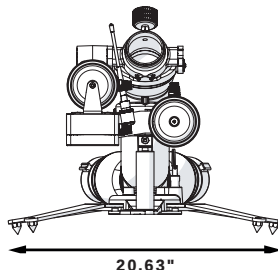
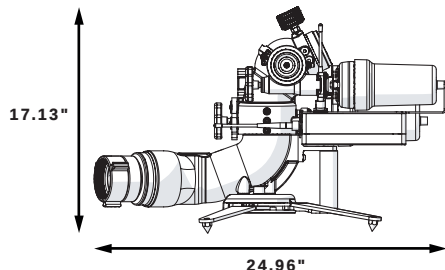
Compatible
POK
EasyDrive®



Carrying handle and anchorage fixation



Spare handwheel for vertical and horizontal adjustments



Recommended outlet equipment

Ø 2.5"
Flow rate
1,000 GPM

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from +25° to +85°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 12 or 24V CC
Safety: locking of the legs, anchoring strap.
Carrying handle: YES
Foldable legs: YES

Options: couplings, outlet equipment, control system



This monitor "Montmirail" DC, entirely made of aluminium alloy, is the result of the latest developed generation of our R&D department.

With its low weight (less than 35 lbs), this monitor is the lightest on the market.

The user may easily transport the monitor thanks to its carrying handle and its compact volume.

Four stabilising legs with spring loaded spikes for soft ground, and a mooring strap, ensure good stability for operating at the maximum flow rate.

Combined with several outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe) this monitor nozzle allows a flow rate up to 1,000 GPM at 100 PSI at the monitor's outlet.

Moreover, the monitor and all accessories are all designed to operate up to 230 PSI, so it can support inopportune high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive® Compatible) and equipped with high performance motors, it can be controlled by the most efficient radio or wire remote controlled system in the market, allowing extremely fast, precise and progressive movements.

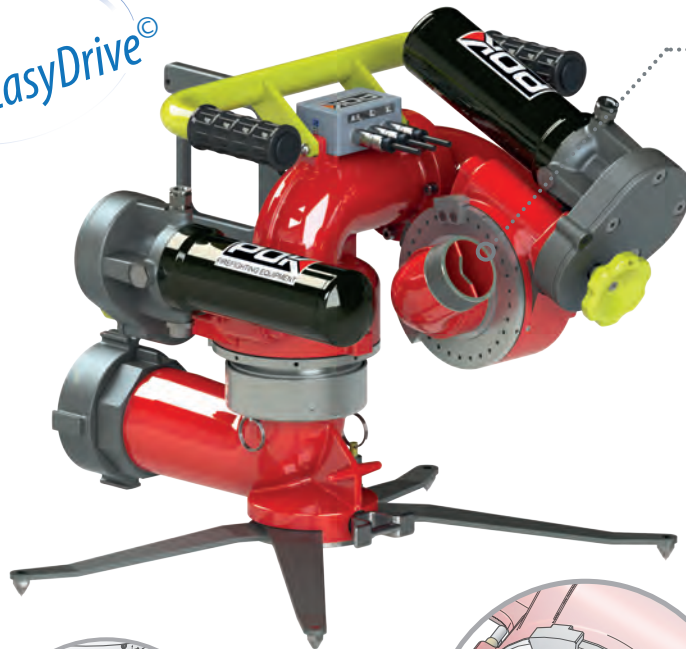
The remote control allows to adjust the horizontal position from -170° to 170° and the elevation from 25° to 85°. Several outlet equipment work with the maximum flow rate of 1000 GPM at 100 PSI at the monitor outlet.

Emergency wheels (horizontal and vertical travel) allow the monitor to operate even without electrical supply.

You may define the angle of vertical and horizontal travel by means of mechanical stops.

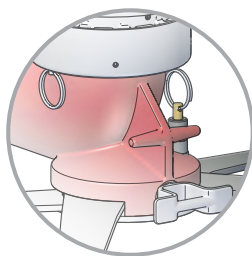
Inlet	Outlet	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
2x 2.5" NST-NH female	2.5" NST-NH male	3"		33.07	34035.NST

Dicodoplus - 3" portable monitor

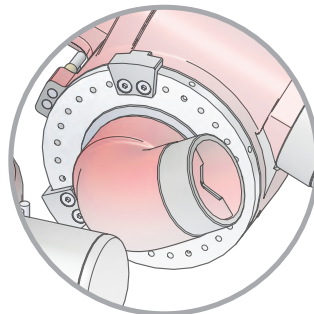


Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -168° to +168°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 11°/s
Power supply: 12 or 24V CC
Safety: locking of the legs, anchoring strap.
Carrying handle: YES
Foldable legs: YES

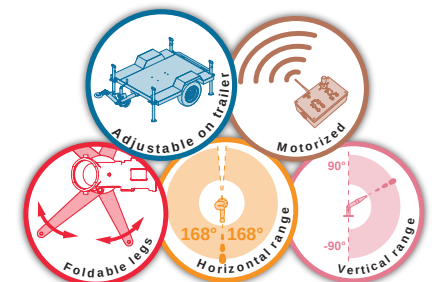
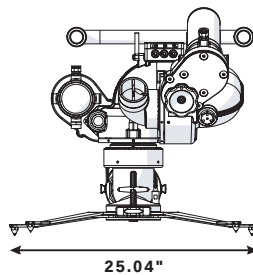
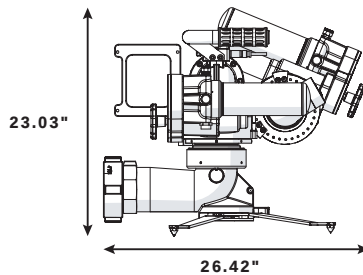
Options: couplings, outlet equipment, control system, trolley



Locking pin of fold away legs and ring for anchorage strap



Stops to adjust vertical and horizontal range



Thanks to its compact size and carrying handles, this monitor can be easily manipulated and placed accurately for a fire attack.

Equipped with stabilising legs and a mooring strap, it is extremely stable when used at its maximum flow rate.

Its original design enables a vertical range of $\pm 90^\circ$ and makes it essential in many applications.

Its outlet accessories, allow a maximum flow rate of 1,320 GPM at 100 PSI at the monitor's outlet.

As it is designed to operate up to 230 PSI, it can support inopportune high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by radio or wire remote controlled allowing extremely fast moves, precise and progressive.

Its battery allows a battery life up to eight hours, and can be recharged in less than five hours.

Inlet	Outlet	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
4" NST-NH female	2.5" NST-NH male	4"		128.97	28770.NST

3" portable monitor - upper section only



The 3" portable monitor is adapted to receive a quick coupling. So the upper section can be easily disassembled to be fixed on a flange or a vehicle.

It can be equipped with various outlets: diffusers, water or foam branchpipes...

Description	Outlet	Weight (lbs)	Ref
Upper section only	3.5" NST-NH male	86.86	29403

Dicodoplus 3" portable monitor - mount only (lower section)



The lower section of the Dicodoplus with the quick coupling is designed to be assembled to a monitor initially on a truck or telescopic tube and transform it into a portable monitor !

Description	Weight (lbs)	Ref
Lower section only (Inlet 4" NST-NH female)		10847.NST

Electric telescopic tube for monitor



Our quick coupling system allows to adapt the 3" portable monitor on a electrical telescopic tube.

Inlet	Outlet	Elévation (inches)	Dimensions (inches)	Weight (lbs)	Ref
3" NST-NH female	Flange 2.5" ASA150	11.81	8.46 x 8.38 x 34.57	75.84	21151.NST

Quick coupling 4" on flange



Description	Weight (lbs)	Ref
Quick coupling on flange 3" ASA150	6.61	08291
Quick coupling on flange 4" ASA150	8.81	22011

Trolley for portable monitor



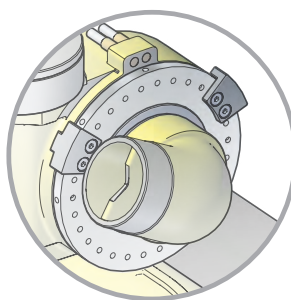
Description	Dimensions (inches)	Weight (lbs)	Ref
Trolley	19.88 x 27.32 x 42.64	28.66	35558

Florence - 3" fixed monitor

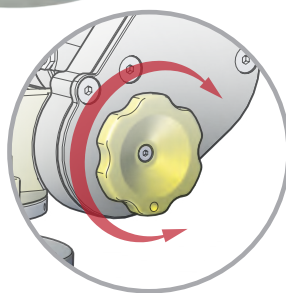


Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -168° to +168°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -30° to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 11°/s
Power supply: 12 or 24V CC

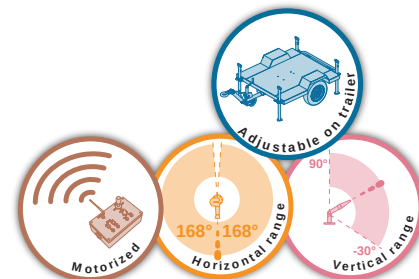
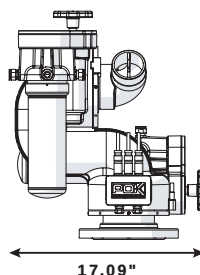
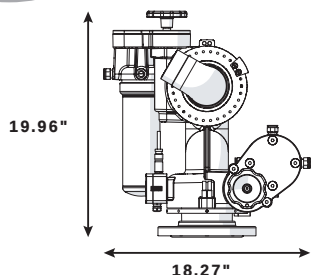
Options: flange, outlet equipment, control system



Stops to adjust vertical and horizontal range



Spare handwheel for vertical and horizontal adjustments



Due to its original construction (only one foundry), this monitor nozzle is the simplest and the most compact of 3" monitor range.

Thanks to the combination of innovation and its versatility, this monitor is an excellent choice for firefighting when a continuous and rough use is necessary in confined places.

With its exceptional angle moves (336° horizontal, and 210° vertical), it can be placed in any position, to attack extremely precise points of a fire.

Associated to several accessories, it allows a flow rate up to 1,320 GPM at 100 PSI at the monitor's outlet.

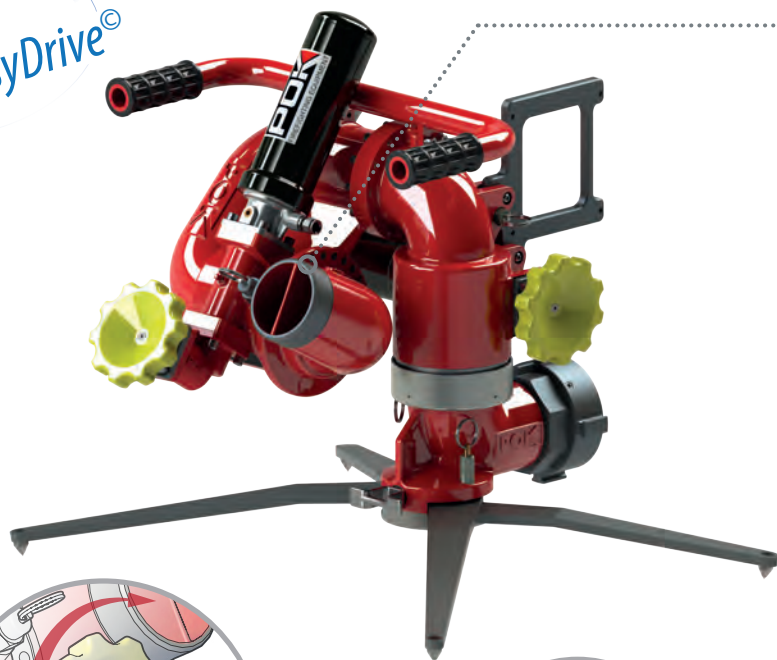
As it is designed to operate up to 230 PSI, it can support inopportune high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by the most efficient radio or wire remote controlled system of the market, allowing extremely fast, precise and progressive moves.

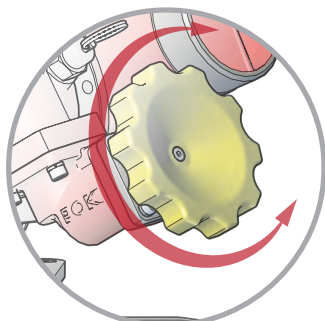


Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange DN100 ASA150	2.5" NST-NH male	3"	18.27 x 17.09 x 19.96	74.95	29225.ASA

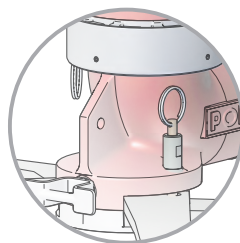
4" portable monitor



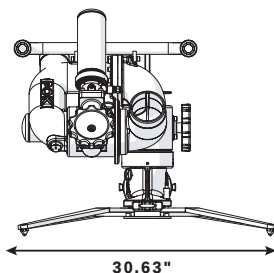
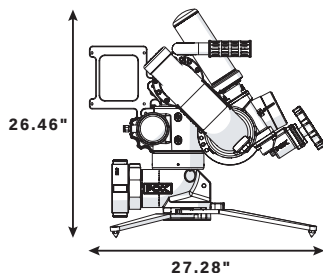
Recommended outlet equipment
Ø 3.5"
Flow rate 2,000 GPM



Spare handwheel for vertical and horizontal adjustments

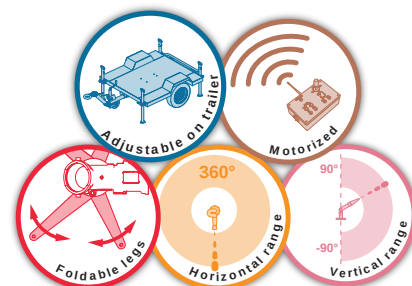


Locking pin of fold away legs and ring for anchorage strap



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: on 360°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from +30° (lock) to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 12 or 24V CC
Safety: vertical adjustment lockable at 30° by pin, locking of the legs, anchoring strap.
Carrying handle: YES
Foldable legs: YES

Options: couplings, outlet equipment, control system, trolley



Thanks to its carrying handles, this monitor can be easily manipulated and placed precisely for a fire attack.

Equipped with stabilising legs and a mooring strap, it is extremely stable when used at its maximum flow rate.

A quick coupling system allows to disconnect it from its base to place it on a fixed position. Its outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, blabbermouth) allows a flow rate up to 2,000 GPM at 100 PSI at the monitor's outlet.

As it is designed to operate up to 230 PSI, it can support inconvenient high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by radio or wire remote controlled allowing extremely fast, precise and progressive movements.

Its battery is self-efficient up to eight hours, and can be recharged in less than five hours.

Inlet	Outlet	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
4" NST-NH female	3.5" NST-NH male	4"	31.57 x 21.02 x 27.56	103.18	21653

4" portable monitor - upper section only



The 4" portable monitor is adapted to receive a quick coupling. So the upper section can be easily disassembled to be fixed on a flange or a vehicle.

It can be equipped with various outlets: diffusers, water branchpipes, foam branchpipes...

Description	Outlet	Weight (lbs)	Ref
Upper section only	3.5" NST-NH male	86.86	29403

Extension for 4" monitor



Description	Weight (lbs)	Ref
Extension - length 19.68"	7.27	22205

Quick coupling 4" on flange



Description	Weight (lbs)	Ref
Quick coupling on flange 4" ASA150	8.82	22011

Trolley for portable monitor

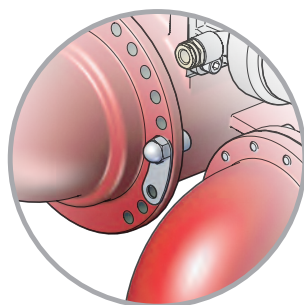


Description	Dimensions (inches)	Weight (lbs)	Ref
Trolley	19.88 x 27.32 x 42.64	28.66	35558

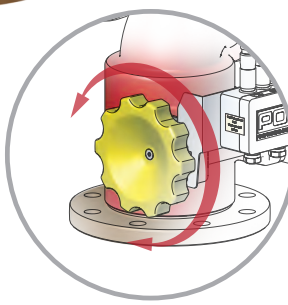
4" fixed monitor



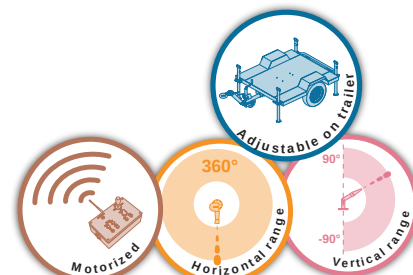
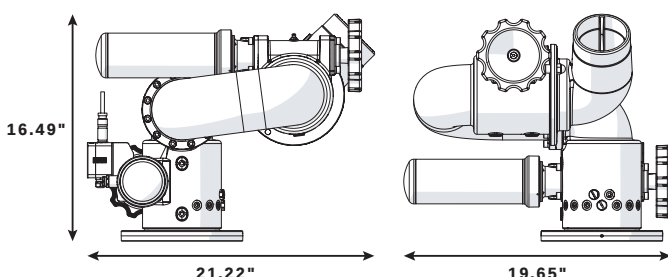
Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: on 360°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90 to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 12 or 24V CC
Options: flange, outlet equipment, control system



Stops to adjust vertical and horizontal range



Spare handwheel for vertical and horizontal adjustments



Its original design makes it essential on installation such as warehouses, vehicles, waste recycling center, platform and so on, when a continuous use is necessary and in the hardest environments.

It is available with various inlet flanges.

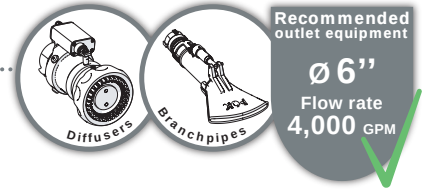
Several outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipes, blabbermouth) allows a flow rate up to 2,000 GPM at 100 PSI at the monitor's outlet.

As it is designed to operate up to 230 PSI, it can support inopportune high pressure due to manipulation mistakes.

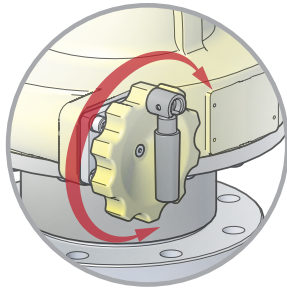
Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by radio or wire remote controlled allowing extremely fast, precise and progressive movements.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 4" ASA150	3.5" NST-NH male	4"	21.22 x 19.65 x 16.49	112	18342

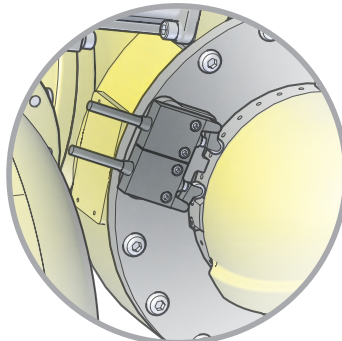
Dicodoplus - 6" fixed monitor



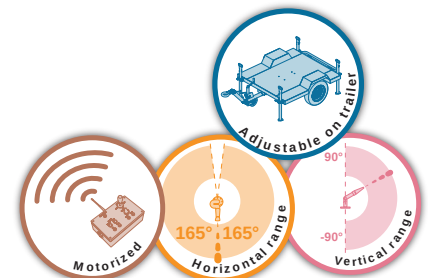
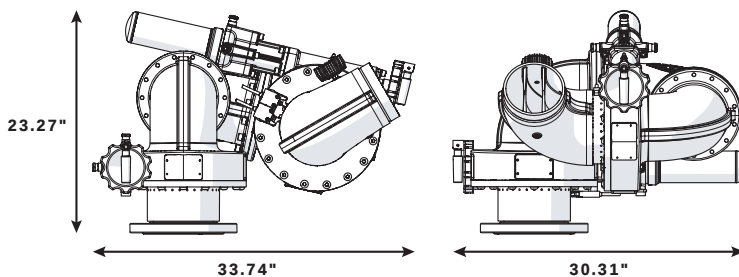
Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -165° to +165°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 4,5°/s
Power supply: 12 or 24V CC
Options: flange, outlet equipment, control system



Spare handwheel for vertical and horizontal adjustments



Stops to adjust vertical and horizontal range



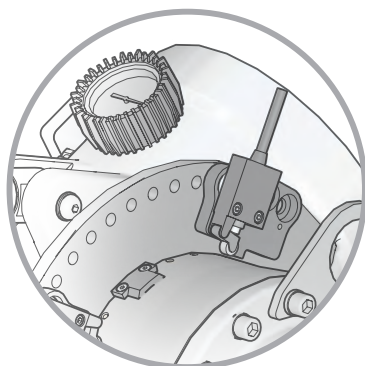
The Dicodoplus 6" monitor is designed to respond to emergency situations in complex and large scale industrial sites (warehouses, refineries, etc.). It is available with various flanges and can be mounted on trailers to increase mobility and fields of action. Many outlets can be mounted on this monitor (diffusers, self-educing branchpipes, water branchpipes, foam branchpipes, powder foam branchpipe, blabbermouth). The Dicodoplus 6" allows a flow rate of up to 4,000 GPM at 100 PSI.

The monitor is designed to operate up to 230 PSI and withstands excessive pressure changes that may occur due to handling errors. It is fully electric (compatible with POK EasyDrive ©) and equipped with high performance motors. The monitor can be operated by the most powerful radio control or wired systems available on the market, allowing rapid, stepless and smooth movements. Electrical end of travel stops are used to define the limits of the movements in elevation and horizontal directions, eliminating the constraints of mechanical stops.

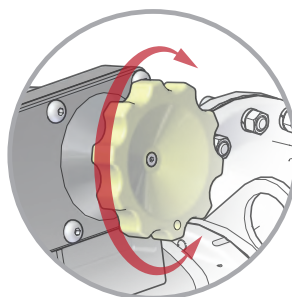
Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange DN150 ASA150	6" NST-NH male	6"	33.74 x 30.31 x 23.27	264.55	27269.ASA

8" fixed monitor

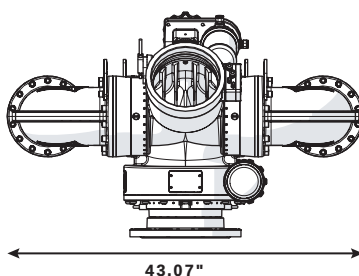
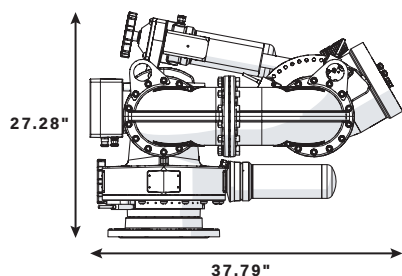
High flow rate
Up to **8,000**
gallons per minute



Stops to adjust
vertical and horizontal
range



Spare handwheel
for vertical
and horizontal
adjustments

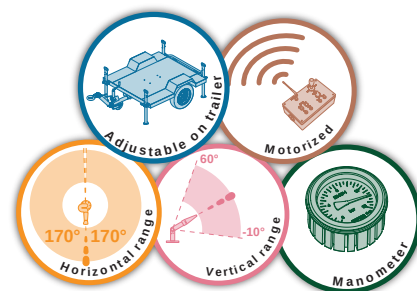


Recommended
outlet equipment

Ø 8"
Flow rate
8,000 GPM

Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -10° to +60°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 12 or 24V CC

Options: flange, outlet equipment



The range of motorised monitors 12 or 24 volts in aluminium alloy 8" includes all the necessary characteristics to extinguish the most devastating fires.

The horizontal and vertical movements are possible through two powerful electric motors backed up by two safety handwheels.

Horizontal adjustment over 340° - Elevation adjustment over -10° to +60°.

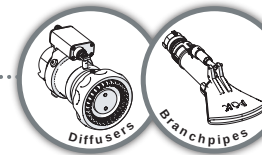
Maximum admissible flow rate: up to 8,000 GPM.

Inlet flange 8" ASA150. This monitor is equipped with a water foam branchpipe of selectable flow rate of 2,400 and 4,800 GPM.

A larger diffuser of 5,200 GPM with selectable stream patterns can also be mounted on this monitor.

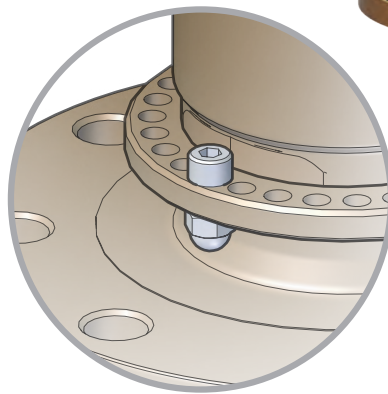
Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 8" ASA150	8" BSP female	8"	37.79 x 43.07 x 27.28	458	32012

2.5" fixed monitor, in bronze



Recommended outlet equipment

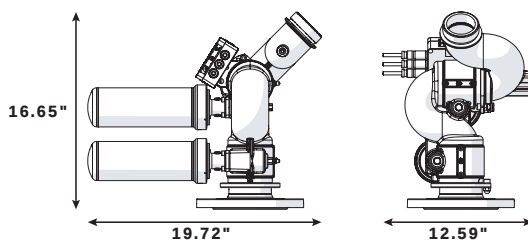
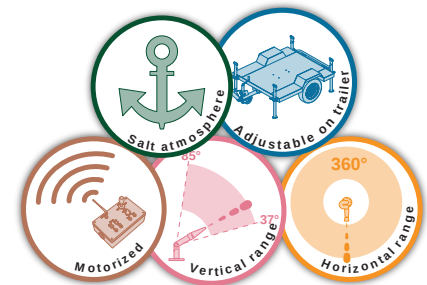
Ø 2.5"
Flow rate
530 GPM



Stops to adjust vertical and horizontal range

Maximum working pressure: 230 PSI
Material: bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare screw
Vertical movement: from -37° to +85°
Vertical adjustment: motorised and spare screw
Power supply: 12 or 24V CC
Speed: 22°/s

Options: flange, outlet equipment, control system



This compact monitor offers a wide horizontal rotation angle in a small volume. Its original design has made this monitor an essential tool for firefighting in the hardest marine or port environments.

Associated to several outlets accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, blabbermouth) this monitor allows a flow rate up to 530 GPM at 100 PSI at the monitor's outlet.

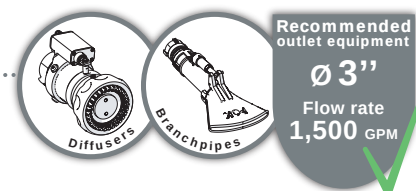
Moreover, the monitor nozzle and all accessories are designed to operate up to 230 PSI, so it can support inconvenient high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by radio or wire remote controlled allowing extremely fast, precise and progressive movements.

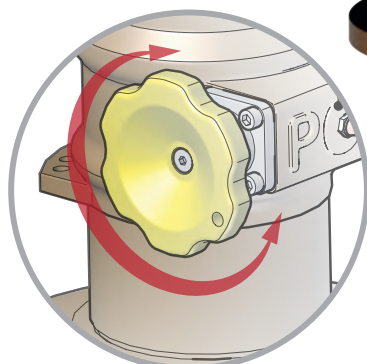
Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 3" ASA150	2.5" NST-NH male	2.5"	19.72 x 12.59 x 16.65	63.05	29373
Flange 4" ASA150	2.5" NST-NH male	2.5"	19.72 x 12.59 x 16.65	67.02	29374



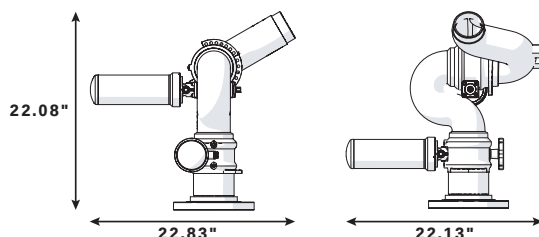
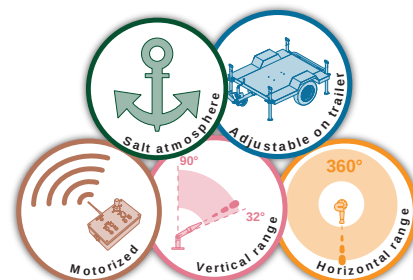
3" fixed monitor, in bronze



Maximum working pressure: 230 PSI
Material: bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -55° to +85°
Vertical adjustment: motorised and spare handwheel
Power supply: 12 or 24V CC
Speed: 22°/s
Options: flange, outlet equipment, control system



Spare handwheel for horizontal adjustment (can be adapted for vertical adjustment)



This compact monitor offers a wide horizontal rotation angle in a small volume. Its original design has made this monitor an essential tool for firefighting in the hardest marine or port environments.

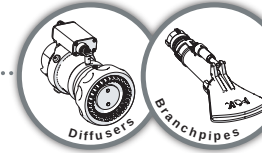
Associated to several outlets accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, blabbermouth) this monitor allows a flow rate up to 1,500 GPM at 100 PSI at the monitor's outlet.

Moreover, the monitor nozzle and all accessories are designed to operate up to 230 PSI, so it can support inconvenient high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by radio or wire remote controlled allowing extremely fast, precise and progressive movements.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 4" ASA150	3" NST-NH male	3"	22.83 x 22.13 x 22.08		37296.NST

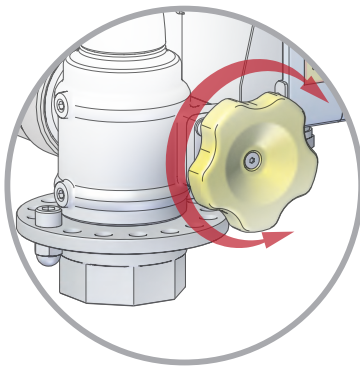
1.5" fixed monitor, in stainless steel



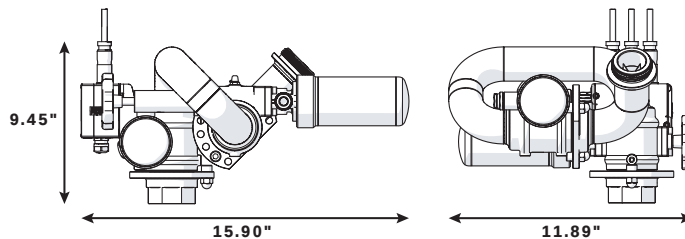
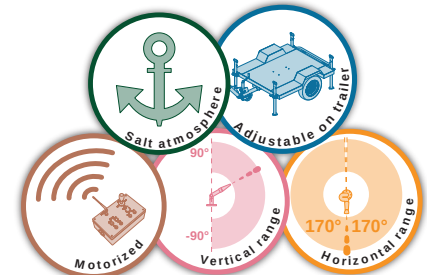
Recommended outlet equipment
Ø 1.5"
Flow rate 250 GPM

Maximum working pressure: 230 PSI
Material: stainless steel
Horizontal movement: from -170° to 170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and spare handwheel
Power supply: 12 or 24V CC
Speed: 12°/s

Options: flange, outlet equipment, control system



Spare handwheel for vertical and horizontal adjustments

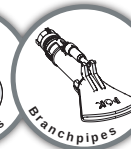


This very compact monitor has been developed to resist to the hardest environment. Its low weight and compact size are undeniable advantages to the mounting on fire fighting vehicle, or on any type of installation where available place is small. This monitor is available with various inlet flange, and also a multiclaws quick coupling. This monitor can be equipped with diffuser, water branchpipe, water-foam branchpipe, allowing an outlet flow rate up to 250 GPM at 100 PSI at the monitor's outlet. Moreover it is designed to operate up to 230 PSI, and can support inopportune high pressure due to manipulation mistakes. Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by radio or wire remote controlled allowing extremely fast, precise and progressive movements.

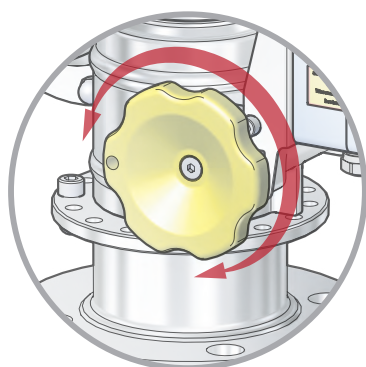
Inlet	Outlet	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
1.5" NPT female	1.5" NST-NH male	1.5"	15.90 x 11.89 x 7.99	24.25	29367
Flange DN40 ASA 150	1.5" NST-NH male	1.5"	15.90 x 11.89 x 9.45	25.57	29368.ASA



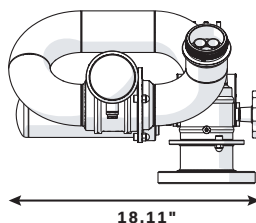
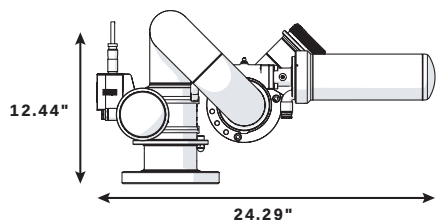
2.5" fixed monitor, in stainless steel



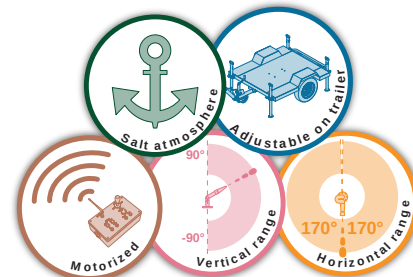
Recommended outlet equipment
Ø 2.5"
Flow rate
800 GPM



Spare handwheel for vertical and horizontal adjustments



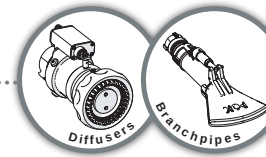
Maximum working pressure: 230 PSI
Material: stainless steel
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and spare handwheel
Power supply: 12 or 24V CC
Speed: 22°/s
Options: flange, outlet equipment, control system



This multi purpose monitor is extremely compact and resists to the hardest environment. The combination of innovation and versatility makes this monitor an excellent choice for installations such as in warehouses, on vehicles, in waste recycling centers, on platforms, and so on, when a continuous use is necessary. With its exceptional deflection angles, it can be activated in almost any position. It is available with various inlet flanges and several outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, powder-foam branchpipe) allowing a maximum flow rate up to 800 GPM at 100 PSI at the monitor's outlet. It is designed to operate up to 230 PSI, and can support inopportune high pressure due to manipulation mistakes. Completely electrified (POK EasyDrive® Compatible) and equipped with high performance motors, it can be controlled by radio or wire remote controlled allowing extremely fast, precise and progressive movements.

Inlet	Outlet	Waterway Ø (inches)	Folded Dimensions (inches)	Weight (lbs)	Ref
Flange 2.5" ASA150	2.5" NST-NH male	2.5"	24.29 x 18.11 x 12.44	61.73	29372

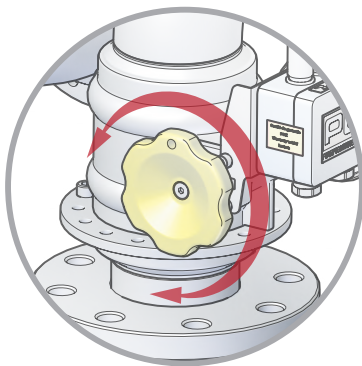
3" fixed monitor, in stainless steel



Recommended outlet equipment

Ø 3"

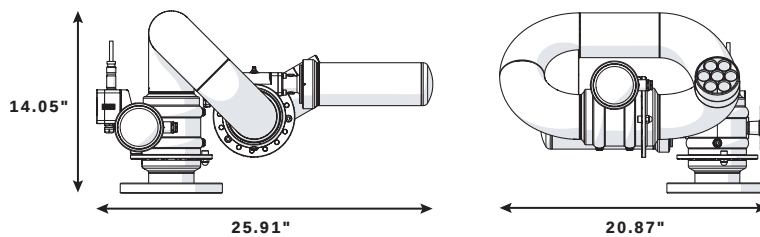
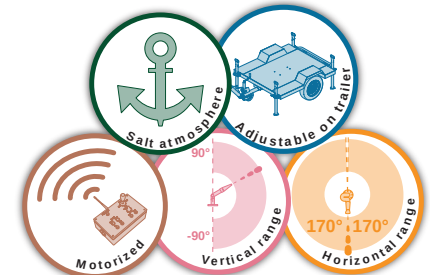
Flow rate
1,500 GPM



Spare handwheel for vertical and horizontal adjustments

Maximum working pressure: 230 PSI
Material: stainless steel
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and spare handwheel
Power supply: 12 or 24V CC
Speed: 16°/s

Options: flange, outlet equipment, control system



This multi-purpose monitor, entirely made of stainless steel, has been developed to resist the hardest environments.

The combination of innovation and versatility, has made this nozzle an excellent choice for fire fighting.

With its exceptional angle moves (340° horizontal, and 180° vertical), this monitor can be controlled in almost any position.

Associated to several outlet accessories, flow rate can go up to 1,500 GPM at 100 PSI with reduced pressure loss.

It is designed to operate up to 230 PSI, and can support inconvenient high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive® Compatible) and equipped with high performance motors, it can be controlled by radio or wire remote controlled allowing extremely fast, precise and progressive movements.



Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 4" ASA150	3" NST-NH male	3"	25.91 x 20.87 x 14.05	74.96	20696.NST

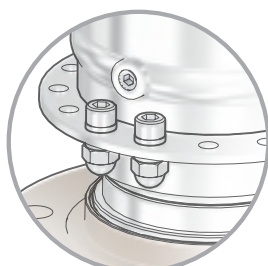
4" fixed monitor, in stainless steel

Design
According to
ATEX

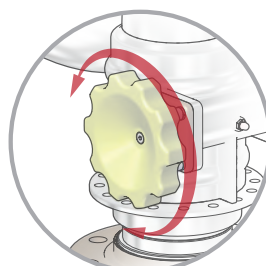


Recommended
outlet equipment
Ø 3.5"
Flow rate
2,000 GPM

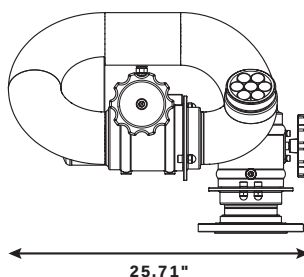
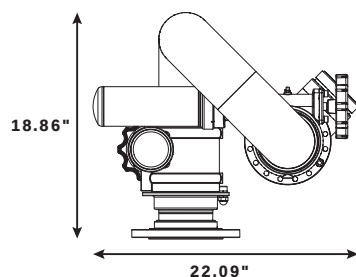
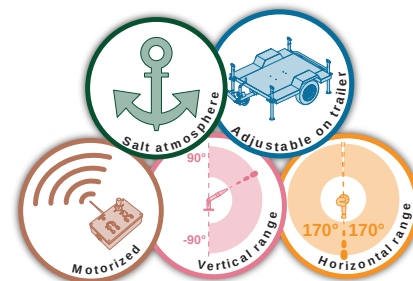
Maximum working pressure: 230 PSI
Material: stainless steel and bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 12 or 24V CC
Options: outlet equipment, control system



Stops to adjust
horizontal and vertical
range



Spare handwheel for
vertical and horizontal
adjustments



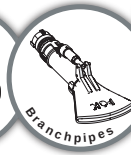
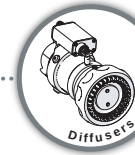
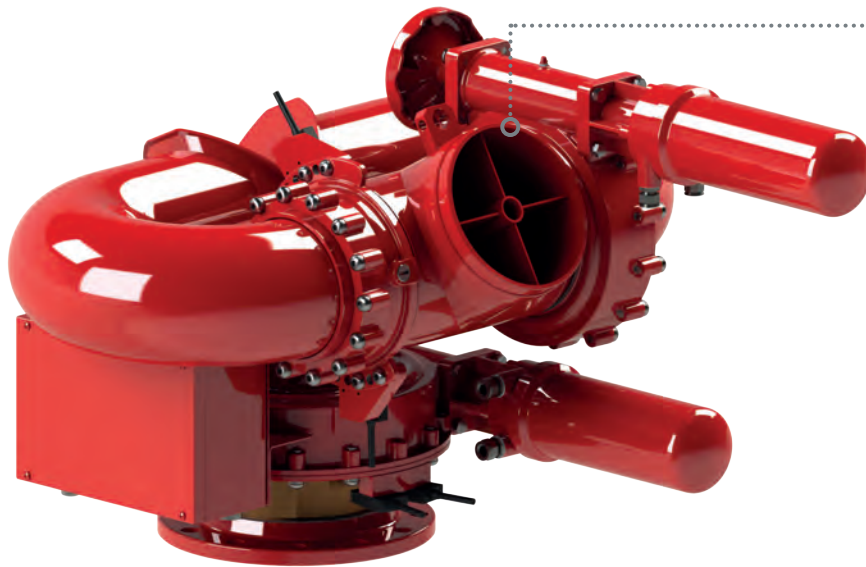
Our 4" motorised monitor in stainless steel is designed following ATEX rules (anti-explosive). The horizontal and vertical movements are possible through two powerful electric motors backed up by two safety handwheels.

Vertical adjustments from 90° to -90° and elevation adjustments are possible over 340° (by steps of 25°).

The pipe of this monitor includes an inside stream shaper made of seven elements which enables to get a higher range and a better quality of the stream pattern.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 4" ASA150	3.5" NST-NH male	4"	22.09 x 25.71 x 18.86	125.7	30527

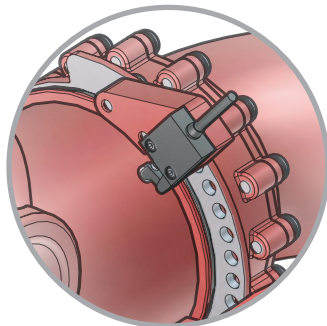
8" fixed monitor, in stainless steel



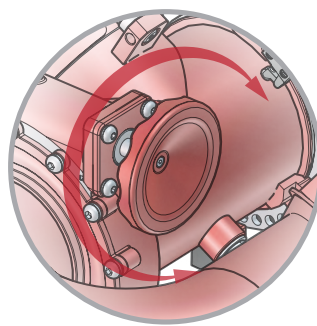
Recommended outlet equipment

Ø 8"

Flow rate
5,000 GPM



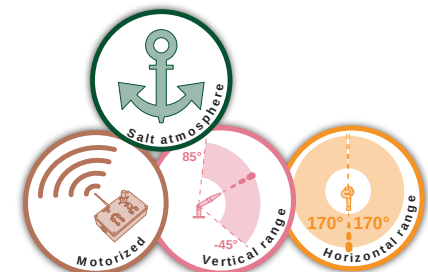
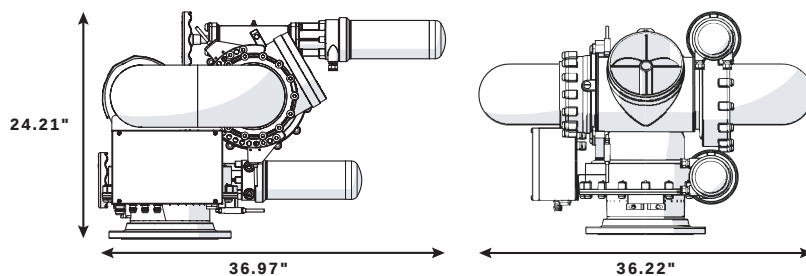
Stops to adjust horizontal and vertical range



Spare handwheel for vertical and horizontal adjustments

Maximum working pressure: 230 PSI
Material: stainless steel and bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -45° to +85°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 12 or 24V CC

Options: outlet equipment, control system



This motorised monitor 12 or 24 volts in stainless steel 8" includes all the necessary characteristics to extinguish the most devastating fires.
 The horizontal and vertical movements are possible through two powerful electric motors backed up by two safety handwheels.
 Horizontal adjustment over 340° - Elevation adjustment over -45° to +85°.
 Maximum admissible flow rate: up to 5,000 GPM.
 Inlet flange 8" ASA150. This monitor is equipped with a water foam branchpipe of selectable flow rate of 1,300 and 5,000 GPM.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref
Flange 8" ASA150	8" BSP female	8"	36.97 x 36.22 x 24.21	346	37647







Outlet equipment

Diffusers - Fixed flow rate.....	140
Diffusers - Selectable flow rate.....	142
Diffusers - Automatically regulated pressure	144
Diffusers - Self-educing	147
Diffusers - Fixed flow rate, motorised	148
Diffusers - Selectable flow rate, motorised	149
Diffusers - Automatically regulated pressure, motorised.....	150
Diffusers - Self-educing, motorised	151
Discharge heads - Water	152
Tips - Stacked and "gigogne"	153

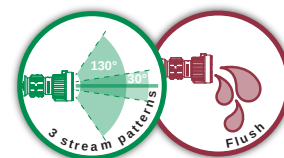
Stream shapers.....	154
Branchpipes - Water	155
Branchpipes - Water-foam, ultra short "POWER FOAM" ...	156
Branchpipes - Water-foam	158
Branchpipes - Water-foam, in stainless steel	160
Branchpipes - Water-foam, motorised	162
Branchpipes - Water-foam, bi-flow rate, motorised.....	164
Branchpipes - Powder-foam	166
Diffusers - Foam attachments	167



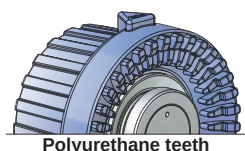
Our range of fixed flow rate diffusers from 40 to 300 GPM have selectable flow pattern by rotation of the head ring (straight stream, attack spray, wide angle spray). There are three possibilities of nozzle outlet: Pokinor (with polyurethane teeth), Pokatak (cut teeth), Pokador (Spinning teeth).

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Flush: YES

Bumper guard colors:



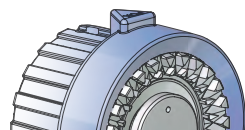
Pokinor



Polyurethane teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40	100	4.92 x 3.07 x 3.15	1.41	18575
1.5" NST-NH female	60	100	6.57 x 3.66 x 3.86	2.56	18576
1.5" NST-NH female	95	100	6.57 x 3.66 x 3.86	2.56	18577
1.5" NST-NH female	125	100	6.57 x 3.66 x 3.86	2.56	18578
1.5" NST-NH female	150	100	6.57 x 3.66 x 3.86	2.56	18579

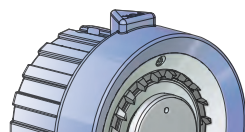
Pokatak



Cut teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40	100	4.92 x 3.07 x 3.15	1.41	18570
1.5" NST-NH female	60	100	6.57 x 3.66 x 3.86	2.56	18571
1.5" NST-NH female	95	100	6.57 x 3.66 x 3.86	2.56	18572
1.5" NST-NH female	125	100	6.57 x 3.66 x 3.86	2.56	18573
1.5" NST-NH female	150	100	6.57 x 3.66 x 3.86	2.56	18574
1.5" NST-NH female	175	100	6.57 x 3.66 x 3.86	2.56	18590
1.5" NST-NH female	200	100	6.57 x 3.66 x 3.86	2.56	18591
2.5" NST-NH female	250	100	5.91 x 5.16 x 4.96	4.19	18592
2.5" NST-NH female	300	100	5.91 x 5.16 x 4.96	4.19	18593

Pokador



Spinning teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	40	100	4.92 x 3.07 x 3.15	1.41	09976
1.5" NST-NH female	60	100	6.57 x 3.66 x 3.86	2.56	09977
1.5" NST-NH female	95	100	6.57 x 3.66 x 3.86	2.56	09978
1.5" NST-NH female	125	100	6.57 x 3.66 x 3.86	2.56	09979
1.5" NST-NH female	150	100	6.57 x 3.66 x 3.86	2.56	09980
1.5" NST-NH female	175	100	6.57 x 3.66 x 3.86	2.56	08940
1.5" NST-NH female	200	100	6.57 x 3.66 x 3.86	2.56	08941
2.5" NST-NH female	250	100	5.91 x 5.16 x 4.96	4.19	08942
2.5" NST-NH female	300	100	5.91 x 5.16 x 4.96	4.19	08943

Diffusers - Fixed flow rate



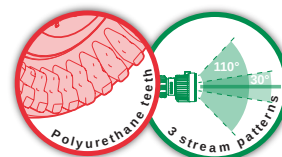
Pokinor 800



The fixed flow rate and selectable flow pattern diffusers (straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. The wide angle spray is obtained thanks to polyurethane teeth.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Head: molded teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	800	100			37333.NST



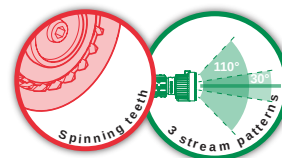
Pokador 530 - 800



The fixed flow rate and selectable flow pattern diffusers (straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. The wide angle spray is obtained thanks to spinning teeth. They are designed to be used with POK monitors to obtain a quality spray and performance for an efficient firefighter.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Head: spinning teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	530	100			18653.NST
2.5" NST-NH female	800	100			18604.NST



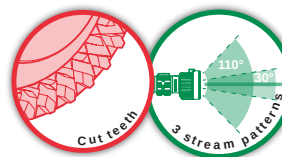
Pokatak 800



The fixed flow rate and selectable flow pattern diffusers (straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. They are designed to be used with POK monitors to obtain a quality spray and performance for an efficient firefighter.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Head: cut teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	800	100			32741.NST



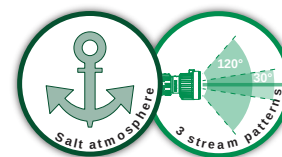
Pokabronze 530 - 1,600



The diffuser Pokabronze is made of bronze and stainless steel. With a flow rate of 530 or 1,600 GPM, and selectable flow pattern from straight spray to wide spray angle. It is designed to be used with POK bronze monitor, and used in marine environment.

Maximum working pressure: 230 PSI
Material: bronze and stainless steel
Stream types: straight jet, flashover and wide angle spray
Head: smooth (530 GPM), cut teeth (1,600 GPM)

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	530	100	Ø 8.7 x 5.39	9.50	20102
3" NST-NH female	1,600	100			34477.NST



Conform to norm
EN 15182-2



Our diffusers range from 40 to 350 GPM with selectable flow rate and selectable stream pattern is light and efficient.

The flow rate selection can be done by rotation of the flow rate ring.

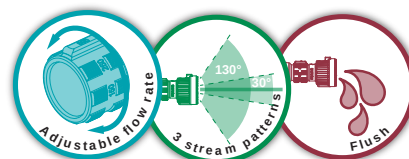
The rotation of the bumper head with tactile indicators allows the selection of the stream pattern.

It is made of aluminium alloy hard anodised 50µm teflon impregnated.

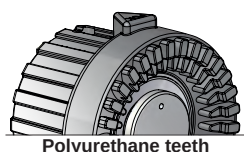
Three versions are available: "Magikador" with polyurethane teeth, "Debikador" with cut teeth, "Pokador" with spinning teeth.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Flush: YES

Bumper guard colors:



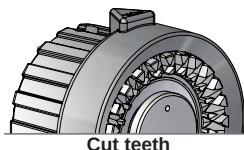
Magikador



Polyurethane teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	10 - 20 - 25 - 40	100	Ø3.07 x 6.34	1.59	25593
1.5" NST-NH female	10 - 20 - 25 - 40	100	Ø3.07 x 6.34	1.59	25597
1.5" NST-NH female	40 - 60 - 125	100	Ø 3.66 x 7.4	2.76	25603
1.5" NST-NH female	60 - 125 - 200	100	Ø 4.49 x 9.69	5.29	25916
1.5" NST-NH female	30 - 60 - 95	100			18616
1.5" NST-NH female	30 - 60 - 95 - 125	100			18619
1.5" NST-NH female	40 - 60 - 95 - 125	100			18624
1.5" NST-NH female	60 - 95 - 125	100			18626
2.5" NST-NH female	60 - 125 - 200	100			25921

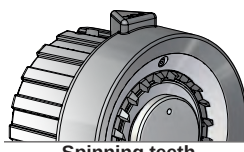
Debikador



Cut teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	10 - 20 - 25 - 40	100	Ø3.07 x 6.34	1.59	13431
1.5" NST-NH female	40 - 60 - 125	100	Ø 3.66 x 7.4	2.91	37136
1.5" NST-NH female	30 - 60 - 95	100			18615
1.5" NST-NH female	30 - 60 - 95 - 125	100			18618
1.5" NST-NH female	40 - 60 - 95 - 125	100			18623
1.5" NST-NH female	60 - 95 - 125	100			18625
1.5" NST-NH female	10 - 20 - 25 - 40	100			18612
1.5" NST-NH female	95 - 125 - 150 - 200	100			18627
2.5" NST-NH female	95 - 125 - 150 - 200	100			18627.2.5

Turbokador



Spinning teeth

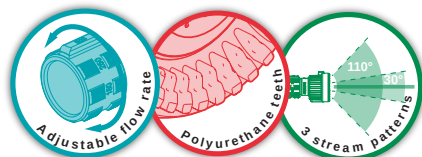
Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	10 - 20 - 25 - 40	100	Ø3.07 x 6.34	1.59	19612
1.5" NST-NH female	10 - 20 - 25 - 40	100	Ø3.07 x 6.34	2.91	12072
1.5" NST-NH female	30 - 60 - 95	100			09954
1.5" NST-NH female	30 - 60 - 95 - 125	100			18617
1.5" NST-NH female	40 - 60 - 95 - 125	100			18622
1.5" NST-NH female	60 - 95 - 125	100			09952
1.5" NST-NH female	95 - 125 - 150 - 200	100			09974
2.5" NST-NH female	95 - 125 - 150 - 200	100			09974.2.5
2.5" NST-NH female	100 - 150 - 200 - 250	100			08346
2.5" NST-NH female	200 - 250 - 300 - 350	100			09975

Magikador



The Magikador 800 diffuser with selectable flow rate and selectable flow pattern diffusers (260, 530 and 800 GPM and straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. The wide angle spray is obtained thanks to molded teeth. They are designed to be used with POK monitors with 2.5" outlet.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Head: molded teeth



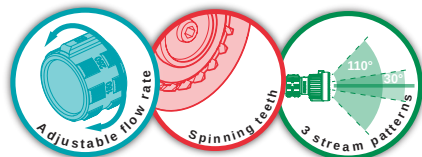
Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	260 - 530 - 800	100	10.28 x 8.58 x 6.38	9.17	37233

Turbokador



The Turbokador 800 diffuser with selectable flow rate and selectable flow pattern diffusers (260, 530 and 800 GPM and straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. The wide angle spray is obtained thanks to spinning teeth. They are designed to be used with POK monitors with 2.5" outlet.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Head: spinning teeth



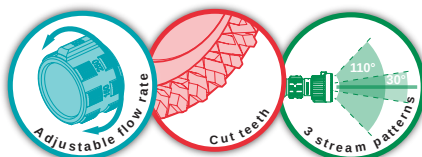
Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	260 - 530 - 800	100			28698.NST

Debikador



The Debikador 800 diffuser with selectable flow rate and selectable flow pattern diffusers (straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. They are designed to be used with POK monitors to obtain a quality spray and performance for an efficient firefighting.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Head: cut teeth



Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	260 - 530 - 800	100			21415.NST
2.5" NST-NH female	530 - 800 - 1,000 - 1,300	100			22041.FF2.5NST
4" NST-NH female	530 - 800 - 1,000 - 1,300 - 1,600	100			30146.NST

Debika-inox



The diffusers with selectable flow rate and selectable flow pattern diffusers (straight stream, attack spray, wide angle spray) Debika-inox are made of stainless steel and bronze. They are designed to be used with POK monitors to obtain a quality spray and performance for an efficient firefighter.

Maximum working pressure: 230 PSI
Material: stainless steel (and bronze)
Stream types: straight jet, flashover and wide angle spray
Head: smooth (800 GPM), cut teeth (1,600 GPM)



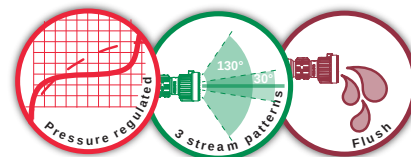
Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	260 - 530 - 800	100			15862.NST
3.5" NST-NH female	530 - 800 - 1,000 - 1,300 - 1,600	100	Ø10.28 x 13.66	35.27	30845



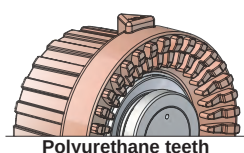
The automatic diffusers range from 40 to 300 GPM, offer a large regulation range, and three possibilities of diffuser: "Maximatic" with polyurethane teeth, "Autokador" with cut teeth, and "Tornadomatic" with spinning teeth.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Flush: YES

Bumper guard colors:

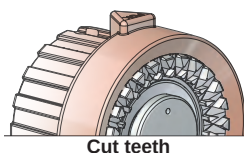


Maximatic



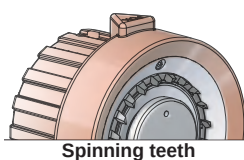
Inlet	Regulated Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	from 10 to 40	100		1.39	18597
1.5" NST-NH female	from 10 to 40	100	Ø 3.07 x 8.66	2.64	35853
1.5" NST-NH female	from 40 to 130	100		2.87	18600
1.5" NST-NH female	from 60 to 200	100	Ø 4.49 x 5.94	2.95	23492

Autokador



Inlet	Regulated Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	from 10 to 40	100		1.39	18595
1.5" NST-NH female	from 10 to 40	100	Ø 2.76 x 8.58	2.56	35865
1.5" NST-NH female	from 40 to 130	100		2.87	18599
1.5" NST-NH female	from 60 to 200	100		2.4	18601.NST
2.5" NST-NH female	from 60 to 200	100		2.4	18602
2.5" NST-NH female	from 100 to 300	100		4.19	18603

Tornadomatic



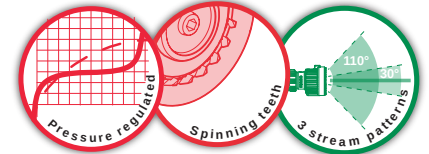
Inlet	Regulated Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	from 10 to 40	100		1.39	18594
1.5" NST-NH female	from 10 to 40	100	Ø 2.76 x 7.28	2.56	35861
1.5" NST-NH female	from 40 to 130	100		2.87	09947
1.5" NST-NH female	from 60 to 200	100		2.4	09971.NST
2.5" NST-NH female	from 60 to 200	100	Ø 2.76 x 4.13	2.4	13132
2.5" NST-NH female	from 100 to 300	100		4.19	09972

Tornadomatic



The automatic diffuser Tornadomatic offers a large regulation range. It is made of hard anodised aluminium alloy. The wide angle spray is obtained thanks to spinning teeth. They are designed to be mounted on POK monitors with 2.5" outlet.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Head: spinning teeth



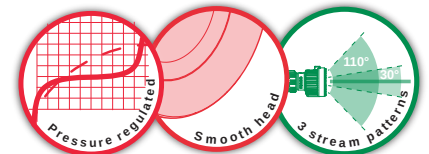
Inlet	Regulated Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	from 300 to 800	100	Ø 8.19 x 10	12.26	29804.NST

Autokador - smooth head



The automatic diffuser Autokador offers a large regulation range. It is made of hard anodised aluminium alloy. It was designed to be used with POK monitors to obtain a quality spray and performance for an efficient firefighter.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Head: smooth



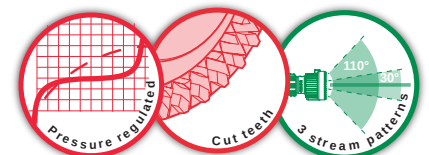
Inlet	Regulated Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
6" NST-NH male	from 1,320 to 4,000	100		88.18	29437

Autokador - cut teeth



The automatic diffuser Autokador offers a large regulation range. It is made of hard anodised aluminium alloy. It was designed to be used with POK monitors to obtain a quality spray and performance for an efficient firefighter.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Head: cut teeth



Inlet	Regulated Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	from 530 to 1,320	100	Ø 8.58 x 5.39	7.89	25608
3.5" NST-NH female	from 530 to 2,000	100	Ø 10.79 x 8.5	22.38	11724

Autokador, made of stainless steel and bronze

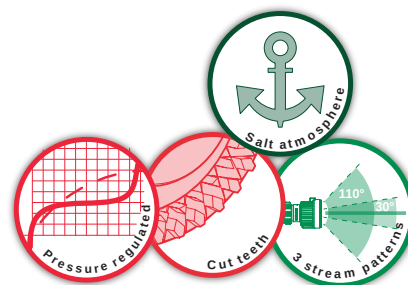


The automatic diffuser Autokador offers a large regulation range.

It is made of bronze and stainless steel. It was designed to be used with POK monitors to obtain a quality spray and performance for an efficient firefighter.

Maximum working pressure: 230 PSI
Material: bronze and stainless steel
Stream types: straight jet, flashover and wide angle spray
Head: cut teeth

Inlet	Regulated Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
3.5" NST-NH female	from 530 to 1,600	100	Ø 10.28 x 13.74	35.27	30848



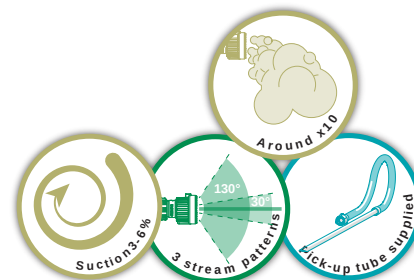
self-educing diffuser, made of aluminium alloy



This self educating diffusers range is made of anodised aluminium alloy with polyester coating, and for a use up to 230 PSI. Its aspiration can be calibrated at 3% or 6%. The stream pattern is selectable by handwheel (straight stream, attack spray, wide angle spray).

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	530	100			22126.NST
2.5" NST-NH female	800	100			22127.NST
3.5" NST-NH female	2,000	100	Ø 10.78 x 18.46	17.63	30612



Self-educing diffuser, made of stainless steel and bronze



This self educating diffusers range is made of stainless steel and bronze, and was designed to be used in marine environment. Its aspiration can be calibrated at 3% or 6%. The stream pattern is selectable by capstan (straight stream, attack spray, wide angle spray).

Maximum working pressure: 230 PSI
Material: stainless steel and bronze
Stream types: straight jet, flashover and wide angle spray
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	530	100		17.12	22347
2.5" NST-NH female	800	100		17.12	22348



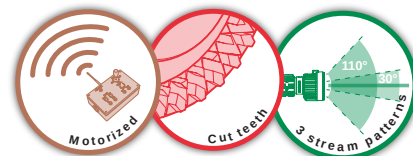
Pokador, made of aluminium alloy



The Pokador fixed flow rate diffusers and adjustable stream are made of aluminium alloy with hard anodised and PTFE impregnation. The stream shape is obtained by a machined toothing. They are intended to be mounted at the output of our POK EasyDrive monitors . The monitoring of the stream shape is made by an electrical cylinder equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Head: cut teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	530	100	8.74 x 7.56 x 5.9	14.55	38041
3.5" NST-NH female	650	70			25428



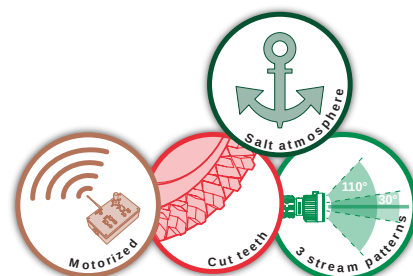
Pokador, made of stainless steel



The Pokador fixed flow rate diffusers and adjustable stream are made of stainless steel. The stream shape is obtained by a molded teeth. They are intended to be mounted at the output of our POK EasyDrive monitors . The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: 230 PSI
Material: stainless steel
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Head: cut teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	400	100	8.07 x 6.57 x 5.12	12.54	27980
2.5" NST-NH female	530	100	8.07 x 6.57 x 5.12	12.54	26545



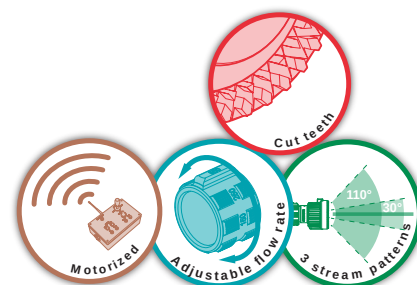
Debikador



Adjustable flow rates motorised diffusers, they provide a range of 125 to 800 GPM or 300 to 1,320 GPM. The stream shape is motorised (straight stream, attack stream and wide spray). Diffusion head type "Debikador" cut teeth. Female threaded inlet 2.5" NST-NH. Aluminium alloy construction with 50 microns hard anodised and Teflon impregnation.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Flow rate adjustment: motorised
Supply: 24V CC
Head: cut teeth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	800	100	13.46 x 7.64 x 7.24	17.48	34079
2.5" NST-NH female	1,320	100	13.34 x 7.6 x 7.2	17.68	35295



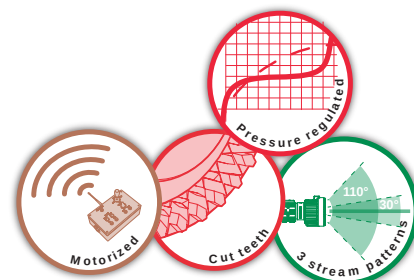
Autokador cut teeth, made of aluminium alloy



The Autokador automatic constant pressure diffusers are made in aluminium alloy hard anodised and PTFE impregnation. They provide a self-regulating range of 300 to 2,000 GPM at 100 PSI. The stream shape is achieved by a fixed gear made of aluminium alloy. It is intended to be mounted at the output of our POK EasyDrive monitors. The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Head: cut teeth

Inlet	Regulated Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	from 300 to 800	100	10.9 x 7.4 x 6.37	14.55	29209
3.5" NST-NH female	from 300 to 800	100			38026
2.5" NST-NH female	from 530 to 1,320	100	8.27 x 7.56 x 5.9	12.85	25875
3.5" NST-NH female	from 530 to 1,320	100	8.62 x 7.56 x 5.9	13.87	22405
3.5" NST-NH female	from 530 to 1,600	100	13.15 x 8.35 x 6.42	21.14	29902
3.5" NST-NH female	from 530 to 2,000	100	8.5 x 10.79 x 10.79	22.37	15990



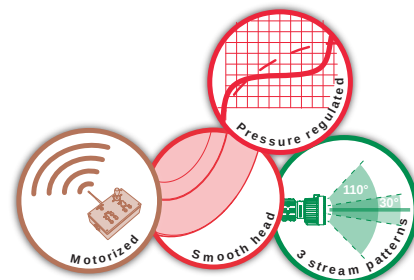
Autokador smooth head, made of aluminium alloy



The Autokador automatic constant pressure diffusers are made in aluminium alloy. They provide a self-regulating range of 1,320 to 5,000 GPM at 100 PSI. It is intended to be mounted at the output of our POK EasyDrive monitors. The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Head: smooth

Inlet	Regulated Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
6" NST-NH male	from 1,320 to 4,000	100		108.9	29088
Flange 8" ASA150	from 4,000 to 5,000	100		113.7	30229



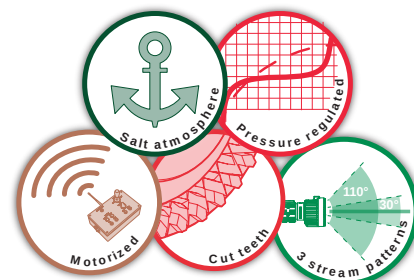
Autokador, made of stainless steel



The Autokador automatic constant pressure diffusers are made of stainless steel. They provide a self-regulating range of 125 to 1,600 GPM at 100 PSI. The stream shape is achieved by a fixed gear. It is intended to be mounted at the output of our POK EasyDrive monitors. The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: 230 PSI
Material: stainless steel
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Head: cut teeth

Inlet	Regulated Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	from 125 to 300	100	7.2 x 5.2 x 3.42	9.7	19023
2.5" NST-NH female	from 300 to 800	100	8.98 x 6.57 x 5.12	14.35	19063
3.5" NST-NH female	from 530 to 1,600	100	13.74 x 8.54 x 6.3	39.7	30851



Self educating diffuser, made of aluminium alloy

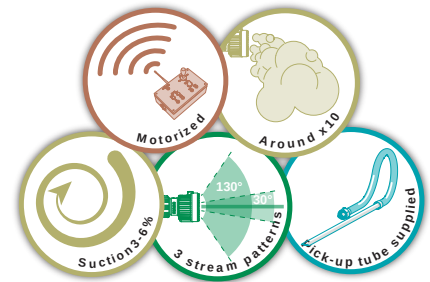


Our range of self-educing diffusers (530 or 800 GPM) is made of aluminium alloy for a maximum working pressure of 230 PSI.

The aspiration is calibrated to 3 or 6% and is delivered with a pick-up tube. It is intended to be mounted at the output of our POK EasyDrive monitors. The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	530	100	10.24 x 8.58 x 8.58	13.11	22122
2.5" NST-NH female	800	100	10.24 x 8.58 x 8.58	13.11	22123



Self educating diffuser, made of stainless steel and bronze



Our range of self-educing diffusers (530 or 800 GPM) is made of stainless steel and bronze for a maximum working pressure of 230 PSI.

The aspiration is calibrated to 3 or 6% and is delivered with a pick-up tube. It is intended to be mounted at the output of our POK EasyDrive monitors. The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: 230 PSI
Material: stainless steel and bronze
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	530	100	10.16 x 4.8 x 4.8	21.12	22343
2.5" NST-NH female	800	100	10.16 x 4.8 x 4.8	21.12	22344



The range of discharge head nozzles offers different possibilities of flow rate and stream pattern: wide angle, flat stream, water wall to adapt to the environment where it will be installed.

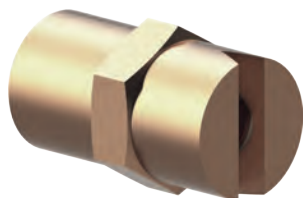
Discharge head nozzle made of aluminium



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
3/4" NPT female	7	85	Ø 1.38 x 2.36	0.30	18824.NPT
1" NPT male	8	85		0.33	18825.NPT
3/4" NPT male	9	70	Ø 1.18 x 2.87	0.17	23274.NPT

Discharge head nozzle made of brass



Maximum working pressure: 230 PSI
Material: brass

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
3/4" NPT male	7	85	Ø 0.63 x 1.02	0.05	14865.NPT
3/4" NPT male	13	85	Ø 1.26 x 1.69	0.37	15068.NPT
3/4" NPT male	60	85	Ø 1.46 x 1.93	0.49	18867

Discharge head nozzle made of brass, for protection of tanks with flammable liquids or gases



Maximum working pressure: 230 PSI
Material: brass

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
3/4" NPT male	8	85		0.79	09212

Deluge nozzle in bronze



Discharge head nozzle in bronze with an adjustable flow rate from 3 to 60 GPM, provides a water cone full of fine droplets.

Maximum working pressure: 230 PSI
Material: brass



Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1/2" NPT male	3 to 30	85	Ø 1.37 x 3.15	0.49	28011
3/4" NPT male	5 to 50	85	Ø 1.77 x 3.15	0.75	28006
1" NPT male	5 to 60	100	Ø 2.12 x 3.54	1.79	34578

Tips - Stacked and "gigogne"



Our range of stacked tips and "gigogne" tips are made of anodised aluminium. They allow several combinations to have the optimum outlet equipment, optimum according to flow rate and pressure at the branchpipe. This multitude of combinations will allow to have four jets gigogne branchpipe.

Stacked tips



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (inches)	Weight (lbs)	Ref.
	Inches	mm			
1" NST-NH female	0.5"	12	Ø 1.96 x 3.94	0.57	01546
1" NST-NH female	0.625"	16	Ø 1.96 x 3.94	0.55	01612
1" NST-NH female	0.75"	19	Ø 1.96 x 3.94	0.53	01703
1.5" NST-NH female	0.5"	12	Ø 2.36 x 4.33	0.79	01566
1.5" NST-NH female	0.75"	19	Ø 2.36 x 4.33	0.75	01704
1.5" NST-NH female	15/16"	24	Ø 2.36 x 4.33	0.73	01537
1.5" NST-NH female	1"	25	Ø 2.36 x 4.33	0.66	01536
1.5" NST-NH female	1.25"	32	Ø 2.36 x 4.33	0.55	08947
1.5" NST-NH female	1.325"	35	Ø 2.36 x 4.33	0.62	08278

Dual stacked tips "gigogne"



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (inches)	Weight (lbs)	Ref.
	Inches	mm			
1.5" NST-NH female	15/16" x 0.5"	24 x 12	Ø 2.36 x 7.79	1.19	01586
1.5" NST-NH female	1.125" x 0.5"	28 x 12	Ø 2.36 x 8.07	1.57	08907
1.5" NST-NH female	1.25" x 0.5"	32 x 12	Ø 2.36 x 8.07		08908
1.5" NST-NH female	1.125" x 1"	28 x 25	Ø 2.36 x 8.07		08909
1.5" NST-NH female	1.25" x 1"	32 x 25	Ø 2.36 x 8.07	1.32	08910

Triple stacked tips "gigogne"



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (inches)	Weight (lbs)	Ref.
	Inches	mm			
1.5" NST-NH female	1.25" x 1.125" x 1"	32 x 28 x 25	Ø 2.36 x 11.81	2.07	08911

Quad stacked tips "gigogne"



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (inches)	Weight (lbs)	Ref.
	Inches	mm			
2.5" NST-NH female	1.5" x 1.25" x 1.125" x 1"	38 x 32 x 28 x 25	Ø 4.21 x 16.89	3.59	08283
2.5" NST-NH female	2" x 1.75" x 1.5" x 1.325"	50 x 45 x 38 x 35			08282

Quad stacked tips "gigogne", with stream shaper of length 100mm



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (inches)	Weight (lbs)	Ref.
	Inches	mm			
2.5" NST-NH female	1.5" x 1.25" x 1.125" x 1"	38 x 32 x 28 x 25	Ø 4.21 x 20.9	5.36	08284
2.5" NST-NH female	2" x 1.75" x 1.5" x 1.325"	50 x 45 x 38 x 35			08286

Stream shapers are made of hard anodised aluminium alloy PTFE impregnated. The stream shapers are anti-turbulence systems for improving the range of the equipment and reducing friction loss. Nine to thirty three feet can be gained depending on the flow and pressure.

Stream shapers



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Outlet	Length (inches)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	8.46			02318
2.5" NST-NH female	2.5" NST-NH male	4.53	Ø 4.21 x 4.72	1.72	01396
2.5" NST-NH female	2.5" NST-NH male	12.99			02319
3.5" NST-NH female	3.5" NST-NH male	4.92	Ø 5.94 x 5.98	3.57	21778
3.5" NST-NH female	3.5" NST-NH male	12.83	Ø 5.94 x 12.83	5.71	17877

Concentric reduction for hand nozzles



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Outlet	Length (inches)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1" NST-NH male	4.33	Ø 2.36 x 4.33	0.62	01592
2.5" NST-NH female	1.5" NST-NH male	5.71	Ø 4.21 x 5.7	1.54	03452
2.5" NST-NH female	2" NST-NH male	6.3			08285



Water branchpipes made of aluminium



Straight jet branchpipe made of hard anodised aluminium alloy PTFE impregnated. This branchpipe is designed to be mounted on a monitor. The stacked tip is interchangeable to obtain the expected flow rate and range according to the situation.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Flow rate (GPM)		Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
	Waterway Ø1"	Waterway Ø1"1/3				
2.5" NST-NH female	300	600	100	Ø 3.46 x 18.54	4.05	07755.NST

Water branchpipe made of stainless steel with blabbermouth



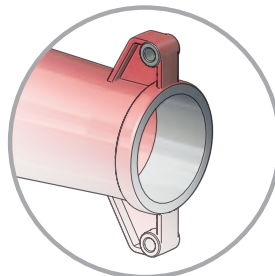
Water branchpipes are designed to be mounted on monitor with 2.5" outlet. It allows a water/foam use at 370 GPM at 100 PSI in marine or corrosive environment.

Maximum working pressure: 230 PSI
Material: stainless steel
Blabbermouth adjustment: handwheel

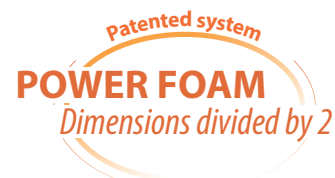
Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	370	100	28.54 x 10.43 x 3.03	10.64	20247.NST



"POWER FOAM" water-foam branchpipe, without suction (patented)



Holes for blabbermouth fixation



The range of "POWER FOAM" water foam branchpipes without suction is made of anodised aluminium with red polyester coating. Its new foam production system (patented) allows a nonpareil expansion and range.

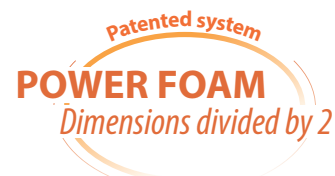
Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating

Options: blabbermouth



Inlet	Flow rate (GPM)	Working pressure	Range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	530	100				24038.NST
2.5" NST-NH female	630	100				28444.NST
2.5" NST-NH female	800	100				24042.2.5NST
3.5" NST-NH female	800	100		23.77 x 8.42 x 6.18	13.49	24042
3.5" NST-NH female	1,000	100		23.78 x 8.42 x 6.18	13.44	24046
3.5" NST-NH female	1,320	100	250	23.78 x 8.42 x 6.18	13.44	24169
3.5" NST-NH female	1,600	100	280	27.64 x 8.58 x 8.03	22.91	24079
3.5" NST-NH female	2,100	100		27.64 x 8.58 x 8.03	22.83	25422

"POWER FOAM" self educating water-foam branchpipe (patented)



The self educating "POWER FOAM" water foam branchpipes is made of anodised aluminium with red polyester coating. Its new foam production system (patented) allows a nonpareil expansion and range.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Suction hose supplied: YES

Options: blabbermouth



Inlet	Suction coupling	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	GFR DN20 male	530	100	21.57 x 11.22 x 6.18	11.84	29152.NST
3.5" NST-NH female	1.5" BSP male	1,000	100	28.3 x 14.33 x 8.42	21.12	29161

Branchpipes - Water-foam, ultra short "POWER FOAM"



Best characteristics
The majority of our branchpipes
POWER FOAM
are available with blabbermouth
Contact us for more information

"POWER FOAM" Low expansion water foam branchpipes with blabbermouth, without suction



Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Blabbermouth adjustment: handwheel

The "POWER FOAM" water foam branchpipe with blabbermouth is made of anodised aluminium alloy with polyester coating. The flow rate is 1,320 GPM at 100 PSI is equipped with blabbermouth.

Inlet	Flow rate (GPM)	Working pressure	Range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
3.5" NST-NH female	1,320	100	250	38.8 x 16.6 x 16.4	31.83	25167



Self educating "POWER FOAM" Low expansion water foam branchpipes with blabbermouth



Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Blabbermouth adjustment: handwheel
Suction hose supplied: YES

The "POWER FOAM" water foam branchpipe with blabbermouth is made of anodised aluminium alloy with polyester coating. The flow rate is 1,000 GPM at 100 PSI is equipped with blabbermouth. This version is equipped with foam agent suction ajustable from 0% to 6%.

Inlet	Suction coupling	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
3.5" NST-NH female		1,000	100			29457



Water foam branchpipe without suction



The range of water foam branchpipe without suction is made of anodised aluminium alloy with polyester coating. The flow rate is from 250 to 2,000 GPM. It is equipped with pressure gauge at the inlet, and is designed to be assembled on 2.5" monitor.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Pressure gauge: YES

Options: blabbermouth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	250	100	130	29.05 x 3.93 x 5.59	6.52	08975
2.5" NST-NH female	400	100	150	29.05 x 3.93 x 5.59	6.48	08976
2.5" NST-NH female	500	100	165	29.05 x 3.93 x 5.59	6.43	08977
2.5" NST-NH female	800	100	200	29.05 x 3.93 x 5.59	6.39	08978
4" NST-NH female	1000	100	230	37.2 x 6.88 x 5.43	12.63	08979
4" NST-NH female	1350	100		37.2 x 6.88 x 5.43	12.59	08980
4" NST-NH female	2000	100		37.2 x 6.88 x 5.43	12.54	08981



Self educating water foam branchpipes



The self educating water foam branchpipes are made of anodised aluminium with red polyester coating. The flow rate is from 250 to 1,000 GPM. It is equipped with pressure gauge at the inlet, and delivered with suction tube.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Suction hose supplied: YES
Pressure gauge: YES

Options: blabbermouth

Inlet	Suction coupling	Flow rate (GPM)	Working pressure (PSI)	Range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	GFR DN20 male	250	100	130	35.19 x 9.13 x 5.86	10.89	18285
2.5" NST-NH female	GFR DN20 male	400	100	150	35.19 x 9.13 x 5.86	11.31	18293
2.5" NST-NH female	GFR DN20 male	500	100	165	36.69 x 9.84 x 6.02	11.62	08969
2.5" NST-NH female	GFR DN20 male	635	100		36.69 x 9.84 x 6.02	11.49	08970
4" NST-NH female		800	100	200			08971
4" NST-NH female		1000	100	230		24.22	08972



Best characteristics
The majority of our branchpipes **WATER-FOAM** are available with a motorized blabbermouth
Contact us for more information

Self educating water foam branchpipes with blabbermouth



The water foam branchpipe 400 GPM at 100 PSI with blabbermouth is made of anodised aluminium with red polyester coating. It is equipped with a multiposition blabbermouth, pressure gauge at the inlet and suction tube.

Inlet	Suction coupling	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	GFR DN20 male	400	100	45.19 x 12.44 x 10.15	17.35	18306.NST

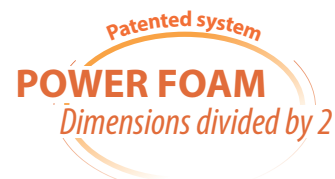
Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Blabbermouth adjustment: by lever
Suction hose supplied: YES



Stainless steel "POWER FOAM" branchpipe without suction (patented)



The stainless steel "POWER FOAM" branchpipe without suction with flow rate from 125 to 2,900 GPM at 100 PSI was designed for outside use and marine environment. They are designed to be mounted on 1.5" to 6" monitor.



Maximum working pressure: 230 PSI
Material: stainless steel
Expansion rate: approx. x10

Options: blabbermouth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	125	100	Ø 2.75 x 9.56	2.38	25833
2.5" NST-NH female	300	100	Ø 3.75 x 18.03	6.61	24260
2.5" NST-NH female	320	100	Ø 3.75 x 18.03	6.61	24231
2.5" NST-NH female	400	100	Ø 3.75 x 18.03	6.61	24263
6" NST-NH female	1,600	100	Ø 9.45 x 33.27	35.84	27841
6" NST-NH male	2,400	100	Ø 9.45 x 33.27	35.58	27844
6" NST-NH male	2,900	100	Ø 9.45 x 33.27	35.27	27847



Stainless steel water foam branchpipe without suction



The stainless steel water foam branchpipe with flow rate from 300 to 2,400 GPM at 100 PSI have been specially designed for use in marine environment. It was designed to be mounted on 2.5" to 4" monitor.

Maximum working pressure: 230 PSI
Material: stainless steel
Expansion rate: approx. x10

Options: blabbermouth

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	300	100			07763.NST
2.5" NST-NH female	400	100			07764.NST
2.5" NST-NH female	530	100			07765.NST
2.5" NST-NH female	750	100			07766.NST
3" NST-NH female	1,000	100			18407.NST
Flange 4" ASA150	2,400	100	Ø 8.98 x 42.87	33.73	13496



Self educating water foam branchpipe in stainless steel

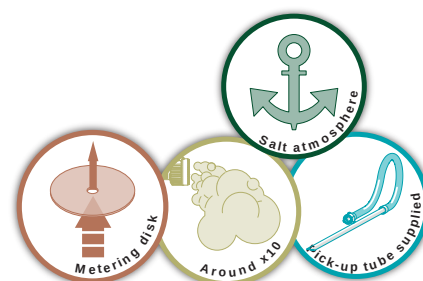


The self educating water foam branchpipe in stainless steel has a flow rate from 125 to 5,000 GPM at 100 PSI. It is delivered with suction tube.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Suction hose supplied: YES

Options: blabbermouth

Inlet	Suction coupling	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1" NST-NH male	125	175	27.09 x 4.53 x 2.36	5.67	21686
3" NST-NH female	1" NST-NH male	370	100			19955.NST
2.5" NST-NH female	1" NST-NH male	370	100			20507.NST
2.5" NST-NH female	1.5" NST-NH male	530	100			07768.NST
2.5" NST-NH female	1.5" NST-NH male	800	100			07769.NST
3" NST-NH female	1.5" NST-NH male	800	100			12873.NST
4" NST-NH female	1.5" NST-NH male	1,600	100			15906.NST
Flange 4" ASA150	Storz B/75	2,400	100	62.28 x 11.26 x 9.01	75.62	15563
6" NST-NH female	2.5" NST-NH male	2,400	100			38071
Flange 6" ASA150	2x Storz B/75	5,000	100			17348



Best characteristics
 The majority of our branchpipes
WATER-FOAM
 are available with a motorized blabbermouth
 Contact us for more information

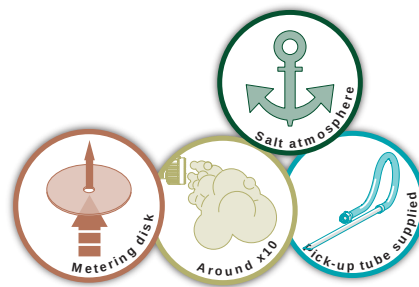
Self educating water foam branchpipe in stainless steel with blabbermouth



The self educating water foam branchpipe in stainless steel with blabbermouth was designed to be used in marine environment. It was designed to be mounted on monitor to offer several throwing possibilities of water or foam.

Inlet	Suction coupling	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	1" NST-NH male	350	100			21723.NST
2.5" NST-NH female	1.5" NST-NH male	530	100			25521.NST

Maximum working pressure: 230 PSI
 Material: stainless steel
 Expansion rate: approx. x10
 Suction percentage: from 0 to 6%
 Blabbermouth adjustment: handwheel
 Suction hose supplied: YES



Best characteristics
The majority of our branchpipes
POWER FOAM
are available with blabbermouth
Contact us for more information

"POWER FOAM" water-foam branchpipe with blabbermouth, without suction (patented)

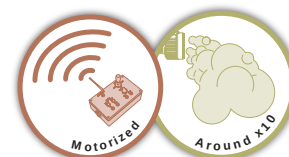


The "POWER FOAM" patented water-foam branchpipes with blabbermouth is made entirely of aluminium alloy with polyester coating and anodised. It provides a flow rate ranging from 1,320 to 4,000 GPM at 100 PSI. The water-foam branchpipe is mounted in place of the diffuser. The detection of the connection is fully automatic and requires no user intervention. The monitoring of the disperser is made using the diffuser's joystick. The end of movement is done by detecting the intensity peaks.

Inlet	Flow rate (GPM)	Working pressure	Range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
3.5" NST-NH female	1,320	100	245	38.81 x 16.57 x 13.26	35.28	25364
6" NST-NH female	2,600	100		53.81 x 11.26 x 16.26	59.52	34031
6" NST-NH female	4,000	100		53.81 x 11.26 x 16.25	59.52	34840

Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Blabbermouth adjustment: motorised
Supply: 12 or 24 V CC



Self educating "POWER FOAM" water-foam branchpipe with blabbermouth (patented)



The self-educating "POWER FOAM" patented water-foam branchpipes with blabbermouth is made entirely of aluminium alloy with polyester coating and anodised. It provides a flow rate from 1,000 GPM at 100 PSI. It is delivered with a pick-up tube.

The water-foam branchpipe is mounted in place of the diffuser. The detection of the connection is fully automatic and requires no user intervention. The monitoring of the disperser is made using the diffuser's joystick. The end of movement is done by detecting the intensity peaks.

Inlet	Suction coupling	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
3.5" NST-NH female	1.5" BSP female	1,000	100	43.34 x 16.54 x 15.51	35.27	29307

Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Blabbermouth adjustment: motorised
Supply: 12 or 24 V CC
Suction hose supplied: YES



Best characteristics
The majority of our branchpipes
WATER-FOAM
are available with a motorized blabbermouth
Contact us for more information

Water-foam branchpipe with blabbermouth, without suction (patented)

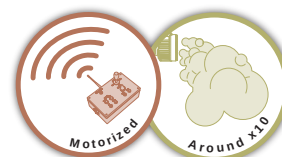


The 5,000 GPM water-foam branchpipe is designed entirely in aluminium alloy with a polyester coating. It is equipped with a motorised blabbermouth entirely made of aluminium alloy. It is provided with a male threaded inlet 8" BSP.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
8" BSP male	5,000	100	90.71 x 17.56 x 23.54	114	33529

Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Disperseur en nappe : YES
Blabbermouth adjustment: motorised
Supply: 12 or 24 V CC



Self educating water-foam branchpipe with blabbermouth



The self-educating water-foam branchpipes with blabbermouth is made entirely of aluminium alloy with polyester coating and anodised. It provides a flow rate of 1,000 GPM at 100 PSI. It is delivered with a pick-up tube. It is also provided with a control pressure gauge. The water-foam branchpipe is mounted in place of the diffuser. The detection of the connection is fully automatic and requires no user intervention. The monitoring of the disperser is made using the diffuser's joystick. The end of movement is done by detecting the intensity peaks.

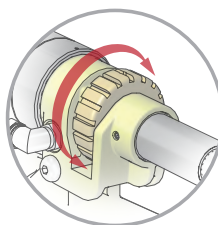
Inlet	Suction coupling	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
3.5" NST-NH female		1000	100			22377

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Blabbermouth adjustment: motorised
Supply: 12 or 24 V CC
Suction hose supplied: YES



Selectable flow rate "POWER FOAM" water-foam branchpipe with blabbermouth (patented)

New design
DUAL FLOW RATE
motorized



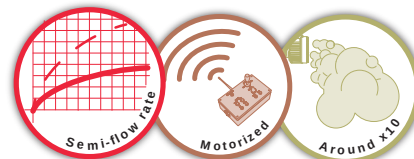
Spare handwheel
for flow rate and
blabbermouth
adjustment

Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Blabbermouth adjustment: motorised
Flow rate adjustment: motorised
Supply: 12 or 24V CC

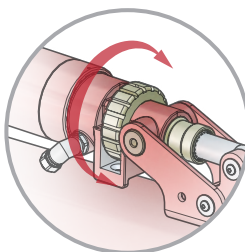
Our "POWER FOAM" patented water-foam branchpipes are provided with a "double-flow rate" 500-1,000 GPM at 100 PSI and are equipped with a patented device developed by POK allowing a significant reduction of dimensions and an improvement of 30% of the hydraulic performances (reach 225 ft). They offer the possibility to be equipped with a motorised disperser with handwheels.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
3.5" NST-NH female	500/1,000	100	225	42.48 x 10.55 x 11.26	33.07	33936



Selectable flow rate water-foam branchpipe, made in stainless steel

New design
DUAL FLOW RATE
motorized



Spare handwheel
for flow rate and
blabbermouth
adjustment

Maximum working pressure: 230 PSI
Material: stainless steel
Surface treatment: polyester coating
Expansion rate: approx. x10
Flow diverter adjustment: motorised
Flow rate adjustment: motorised
Supply: 12 or 24V CC

The stainless steel branchpipe without suction with flow rate from 1,300 to 5,000 GPM at 100 PSI was designed for outside use and marine environment. It is designed to be mounted on our 8" stainless steel monitor. It offers the possibility to be equipped with a motorised flow diverter with handwheels.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
8" BSP male	1,300/5,000	100	39.29 x 9.37 x 13.58	90.39	37681



Selectable flow rate water-foam branchpipe without blabbermouth



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Expansion rate: approx. x10
Flow rate adjustment: motorised
Supply: 12 or 24V CC
Pressure gauge: YES

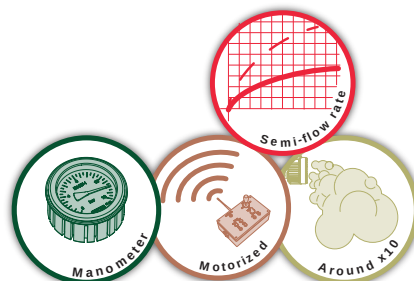
Options: blabbermouth

The water-foam branchpipe is made entirely of aluminium alloy with polyester coating and anodised. It provides a flow rate ranging from 800 to 1,600 or from 2,400 to 4,750 GPM at 100 PSI.

It comes with a control pressure gauge.

The water-foam branchpipe is mounted in place of the diffuser. The detection of the connection is fully automatic and requires no user intervention. The monitoring of the disperser is made using the diffuser's joystick of the transmitter.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
4" NST-NH female	800/1,600	100	69.05 x 15.35 x 15.53	105.8	24960.NST
8" BSP male	2,400/4,750	100			32054



Selectable flow rate water-foam branchpipe with blabbermouth



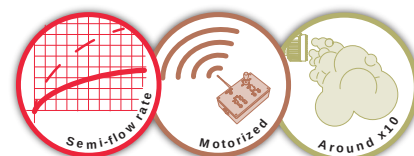
Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Expansion rate: approx. x10
Flow rate adjustment: motorised
Blabbermouth adjustment: motorised
Flow rate adjustment: motorised
Supply: 12 or 24V CC

The water-foam branchpipe is made entirely of aluminium alloy with polyester coating and anodised. It provides a flow rate ranging from 800 to 1,600 GPM or 1,320 to 2,640 GPM at 100 PSI.

They are provided with a motorised blabbermouth.

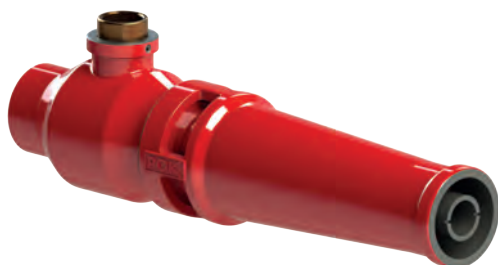
The water-foam branchpipe is mounted in place of the diffuser. The detection of the connection is fully automated and requires no user intervention. The monitoring of the disperser is made using the diffuser's joystick of the transmitter.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
4" NST-NH female	800/1,600	100	40.94 x 11.34 x 16.38	52.91	23505.NST
6" NST-NH male	1,320/2,640	100			37584



Powder foam branchpipes (patented)

Approved by navy
This powder-foam branchpipe
protects
The FRENCH NAVY



The powder foam branchpipes made of hard anodised aluminium alloy with polyester coating, combine two functions: powder branchpipe and foam branchpipe. The combination of the two devices operating simultaneously has the advantage of significantly improving the throw range of the powder nozzle and generates unsurpassed efficiency in extinguishing oil fires and is used by the French Navy.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Expansion rate: approx. x10

Options: blabbermouth

Inlet	Powder coupling	Foam Flow rate (GPM)	Powder flow rate (lbs/s)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female		530	22 lbs/s	100		13.89	18703
3.5" NST-NH female	Storz B/75, swivel	2,100	44 lbs/s	100	31.73 x 8,03 x 11,30	32.41	21780



These foam attachments are designed to equip our diffusers and are delivered assembled to allow easy and fast mounting. They are available in 800 GPM and 1,320 GPM, for low and medium expansion.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating

Low and medium foam attachment 800 GPM



Description	Weight (lbs)	Ref.
Foam attachment medium expansion 800 GPM	8,55	15542
Foam attachment low expansion 800 GPM	6,57	15544

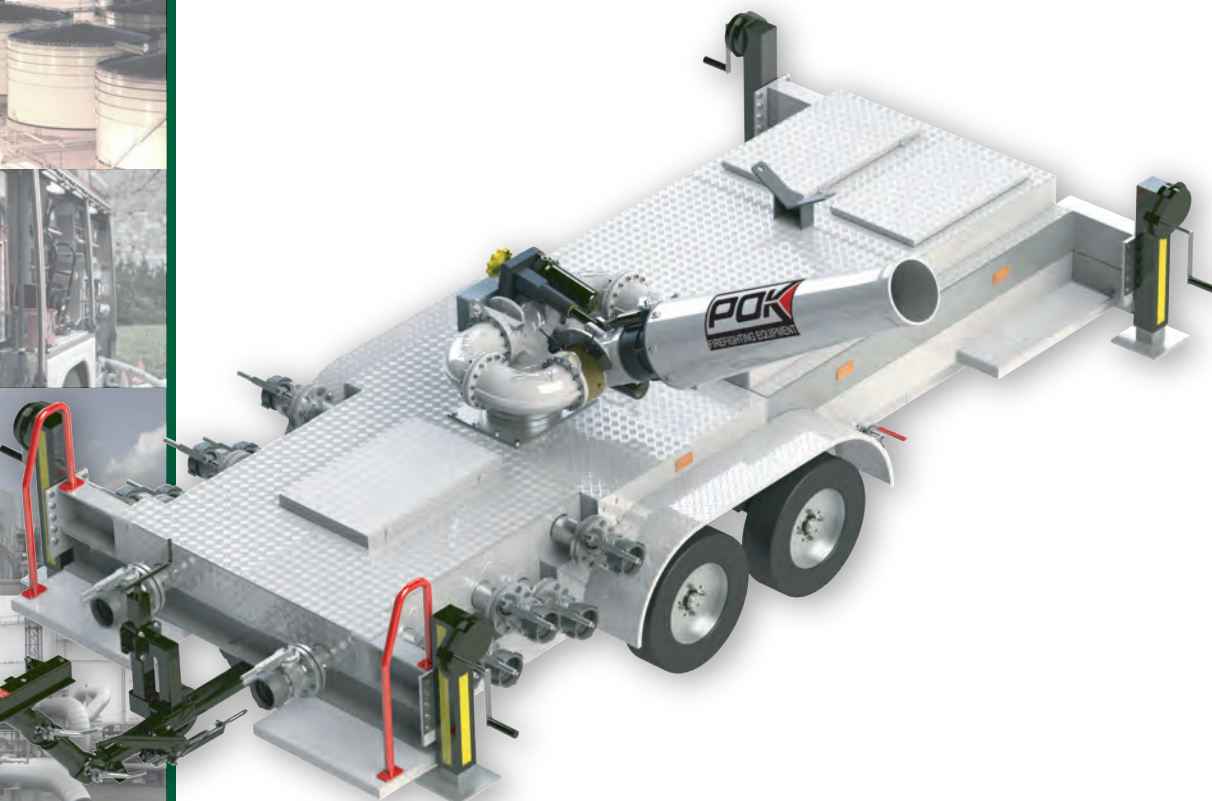
Low and medium foam attachment 1,320 GPM



Description	Weight (lbs)	Ref.
Foam attachment low expansion 1,320 GPM	12,35	20295





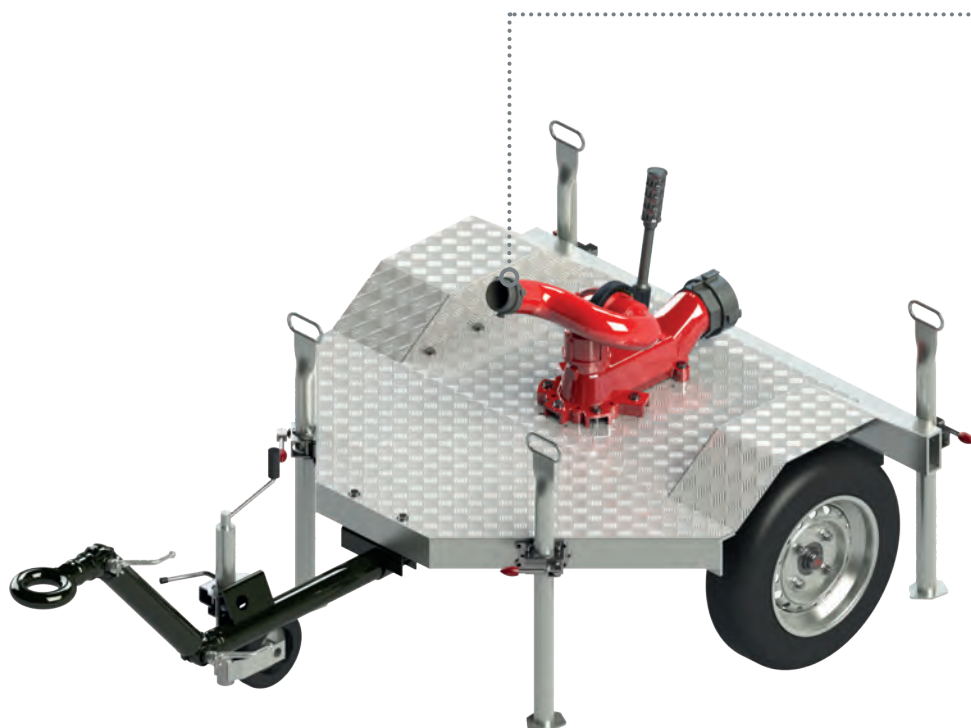


Towable trailers

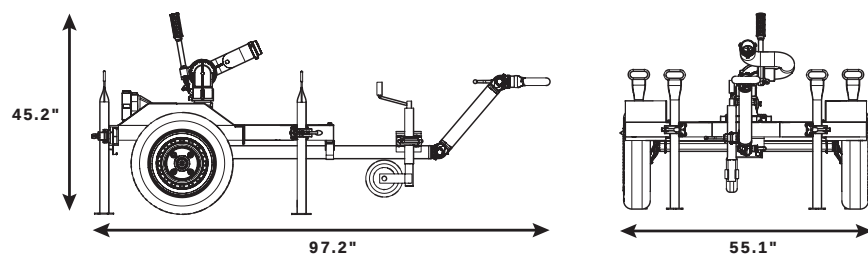
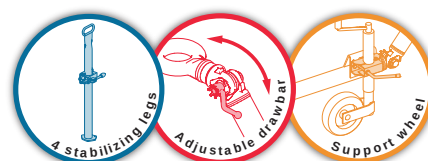
Towable remote controlled monitors170

Towable foam units172

Trailer type "Delta" with Primator



Material: aluminium alloy and steel
Max. weight on axle tree: 1100 lbs
Wheels dimensions: 145 70 R13
"Jockey" wheel type: With collar
Stands: 4x 440 lbs
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 7 pins
Options: monitor, outlet equipment, dimensions, number of inlets



"Primator" monitor made in aluminium alloy on Delta trailer made in aluminium. This trailer is equipped with ajustable draught beam, four stabilising legs, sign plates and a jockey wheel. The monitor is equipped at the inlet with a thread 4" NST-NH female and can have a 2.5" equipment at the outlet.

More configurations are available on request

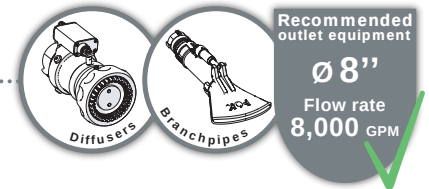
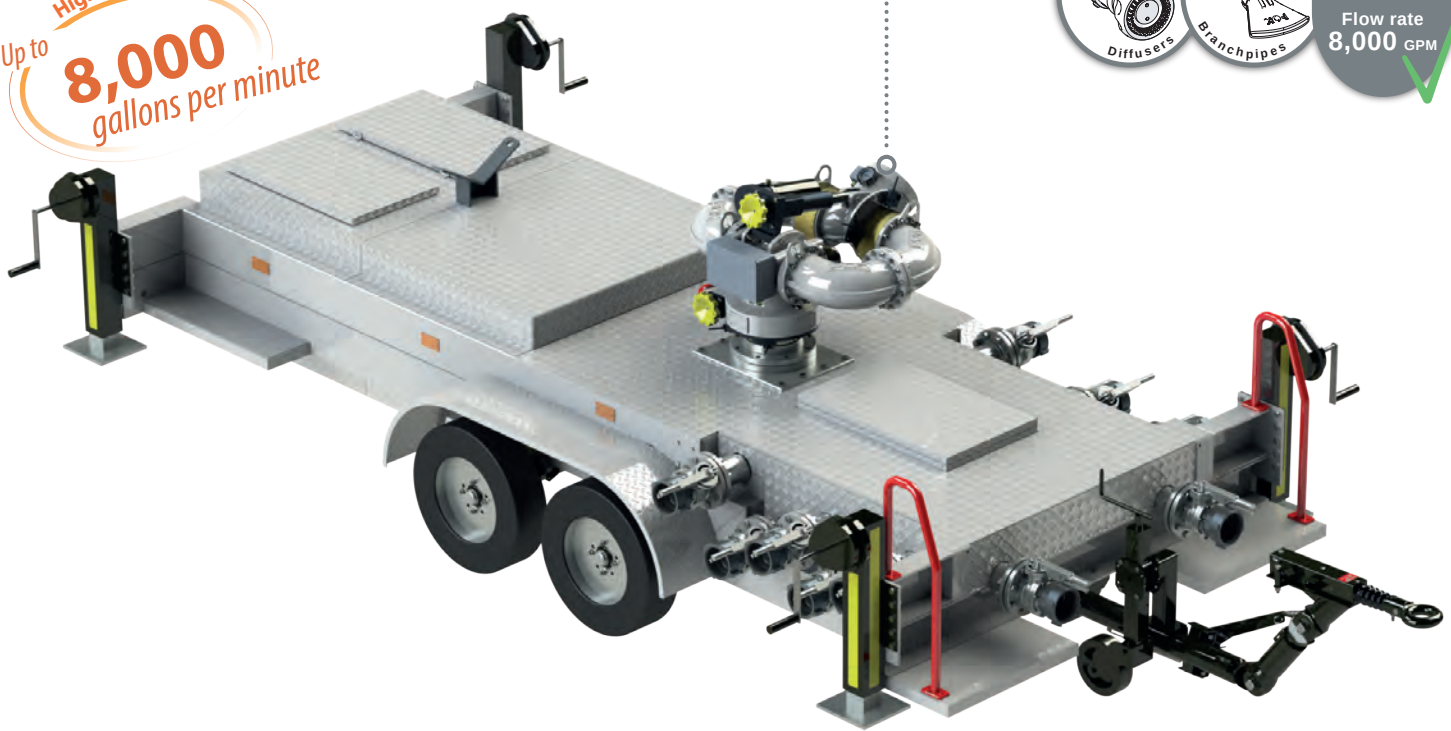
Inlet	Outlet	Pipe (inches)	Dimensions (inches)	Weight (lbs)	Ref.
4" NST-NH female	2.5" NST-NH male	3"	97.2 x 55.1 x 42.5		15070.NST

Towable remote controlled monitors



Trailer type "8000" with monitor 8"

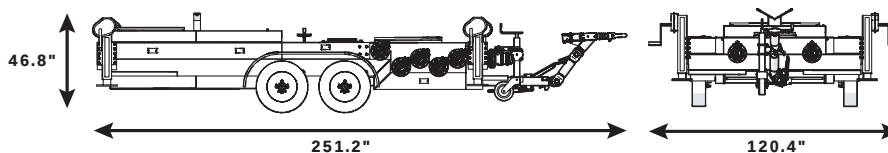
High flow rate
Up to
8,000
gallons per minute



Material: aluminium alloy and steel
Max. weight on axle tree: 2x 3500 lbs
Brake on axle tree: YES
Park brake: YES
"Jockey" wheel type: retractable
Stands: 4x 22000 lbs
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 13 pins

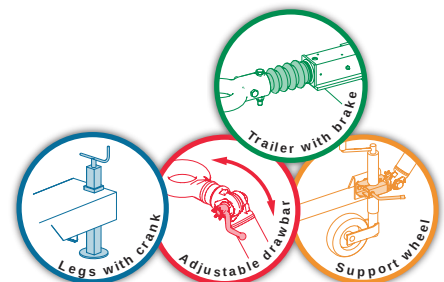
Ballast: 345 gallons
Flush: YES

Options: monitor, outlet equipment, dimensions, number of inlets



8" motorised monitor made in aluminium on a double axle trailer with brake, trailer made in aluminium. This trailer is equipped with ajustable draught beam, four ajustable stabilising legs with crank handle, lights, a jockey wheel and two storage boxes. The monitor is supplied by twelve threads 4" NST-NH female with non return valve at the inlet. Flow rate is up to 8,000 GPM.

More configurations are available on request



Inlets	Outlet	Pipe diameter (inches)	Dimensions (inches)	Weight (lbs)	Ref.
12x 4" NST-NH female	8" BSP female	8"	251.2 x 120.4 x 46.8		34901.NST

Trailer type "Tank 500" with LMP80



Recommended outlet equipment

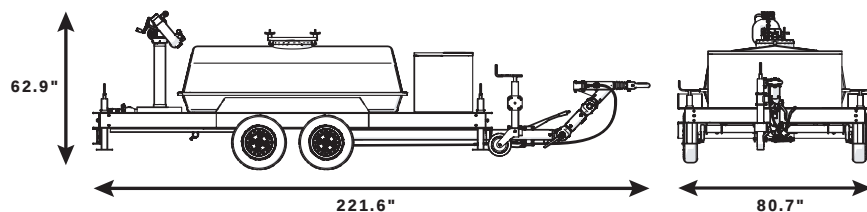
Ø 2.5"

Flow rate
1,320 GPM

Material: aluminium alloy and steel
Tank material: polyester
Max. weight on axle tree: 2x 2900 lbs
Tank capacity: 530 gal
Wheels dimensions: 165 R14C
Brake on axle tree: YES
Park brake: YES
"Jockey" wheel type: retractable with collar
Stands: 4x 1750 lbs
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 13 pins

Storage box: YES
Flush: YES

Options: monitor, outlet equipment, dimensions, number of inlets



"LMP80" monitor made in aluminium on a double axle trailer with brake, trailer made in aluminium. This trailer is equipped with ajustable draught beam, four ajustable stabilising legs with crank handle, lights, a jockey wheel, a storage box, and a polyester tank of 530 gallons with manhole and gauge. The monitor is supplied by two threads 4" NST-NH female with non return valve at the inlet, and can have a 2.5" equipment at the outlet.

More configurations are available on request

Inlets	Outlet	Pipe diameter (inches)	Dimensions (inches)	Weight (lbs)	Ref.
2x 4" NST-NH female	2.5" NST-NH male	3"	221.6 x 80.7 x 62.9		15352.NST





Foam equipment

Eductors.....	174	Hand nozzles - Pok foam "QST".....	202
Eductors - Accessories	185	Hand nozzles - Long range water and air under pressure	205
Eductors - High volume	187	Hand nozzles - Powder-foam	206
Self-educing attachments	188	Eductors - Powder	207
Branchpipes - Low expansion foam	189	Hand nozzles - Powder	207
Hand nozzles - Low expansion foam	193	Foam generators - Fixed high expansion	210
Hand nozzles - Dual expansion foam	195	Foam chambers.....	211
Branchpipes - Medium expansion foam	196	Foam chambers.....	212
Hand nozzles - Medium expansion foam	199	Foam generators - Back-pressure	213
Foam units - Portable.....	200	Discharge heads - Foam	214
Foam units - Mobile	201		

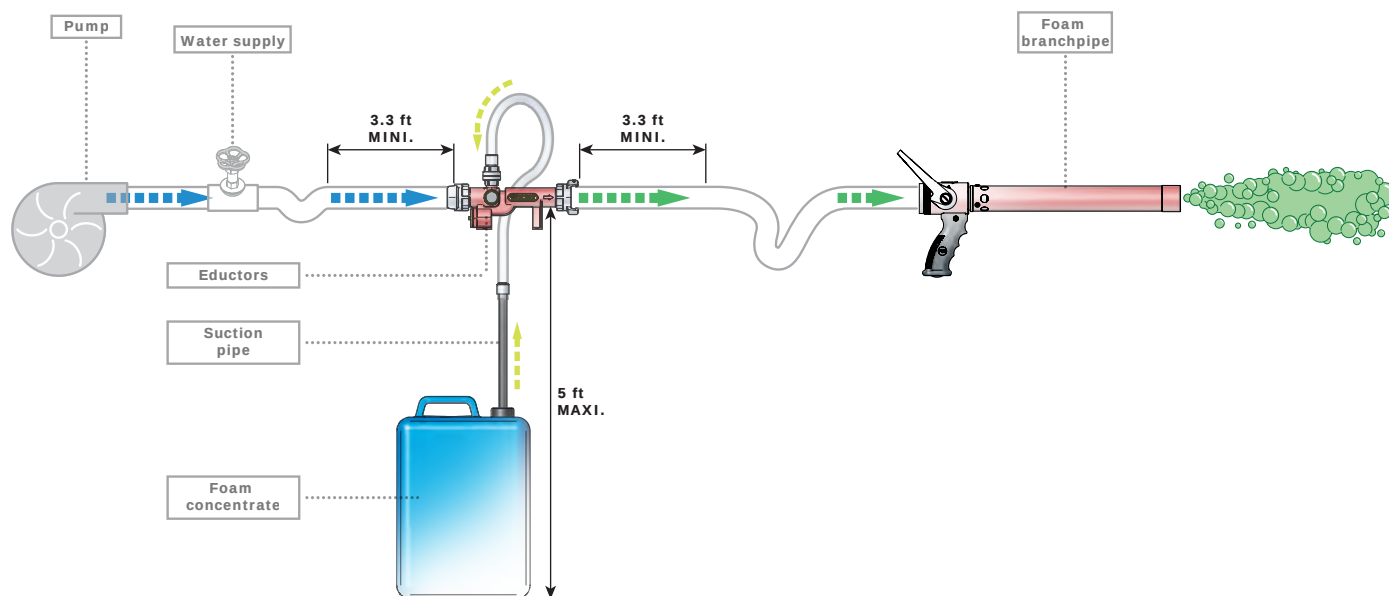
Our range of eductors are made in aluminium alloy of first fusion and with heat treatment, red polyester coating or hard anodisation, in bronze or stainless steel, well adapted for a corrosive environment.

All our eductors are equipped with couplings that conform to international norms:



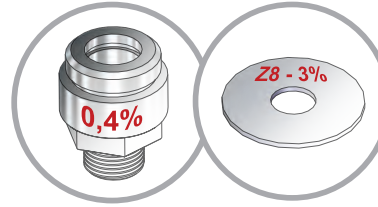
The foam eductors operate according to the Venturi principle and use the pressure created by the water to suction out a specific quantity of foam concentrate. Most of the types of eductors are therefore assembled between the water supply and the foam equipment, according to the schematic below.

The performance of the system will depend on the good use of the equipment according to requirements specific to each equipment. The inductors should be positioned such that there is about three feet of straight hose between water supply and the eductor and an other three feet of straight hose between eductor and the foam equipment. It is important to get an eductor that is adapted to the foam equipment, to take into account the pressure loss in the hoses and to foresee a pump that is powerful enough to get the right pressure at the inlet of the eductor and at the inlet of the foam equipment. The pressure loss between in and outlet of the eductor is 35 or 40%, depending on the model. The pressure loss in the hose between eductor and nozzle is function of the length of the hose and its diameter.

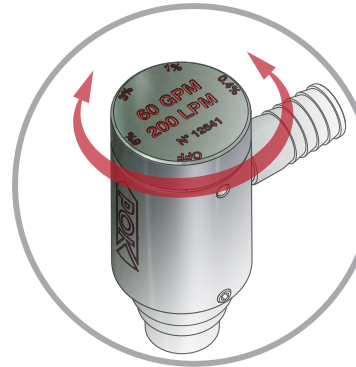


"ULTRA-FOAM" eductors without bypass with calibrated orifices

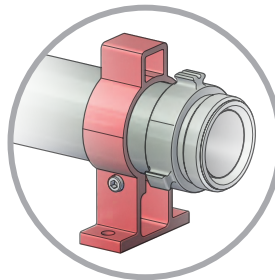
Compatibility
Equipment can be delivered
with threads
NST/NH (NFPA 1963),
BSP (ISO R 228)
or standardised couplings



Calibrated orifices are supplied as standard and allow a precise foam concentrate percentage while having a non-return valve function. The suction percentages are: 0,4%, 1%, 3% or 6% depending on your requirement.



As an option, eductors can be equipped with metering devices to mount instead of calibrated orifices to allow to change the setting of the percentage during use, and having a non-return valve function.



Other option: the foot in aluminium alloy for the 2.5" eductor model

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Non-return valve: yes
Pressure loss: 40%
Supplied with pick-up tube: yes

Options: metering device, fixation foot

Our range of "ULTRA-FOAM" eductors without bypass is made entirely in aluminium alloy hard anodised. Easy to use, the dosage is done using calibrated orifices (0.4%, 1%, 3% and 6% or 0.4%, 1% and 3%) that have a non-return valve function.

Our ultra-foam eductors are easily dismantled for a better cleaning and maintenance. Our range of eductors has flow rates from 10 to 200 GPM and various possible connections: threaded BSP or NST-NH, or standardised couplings.

Every product is furnished with a pick-up tube and a suction pipe.



Inlet	Outlet	Suction percentage adjustment	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	1" NST-NH male	0,4%, 1%, 3%, 6%	10	200	5.94 x 3.46 x 2.44	3.31	13117
1" NST-NH female	1" NST-NH male	0,4%, 1%, 3%, 6%	20	200	5.94 x 3.46 x 2.44	3.31	12096
1" NST-NH female	1" NST-NH male	0,4%, 1%, 3%, 6%	40	200	5.94 x 3.46 x 2.44	3.31	13118
1.5" NST-NH female	1.5" NST-NH male	0,4%, 1%, 3%, 6%	60	200	8.07 x 3.86 x 3.07	6.22	12094
1.5" NST-NH female	1.5" NST-NH male	0,4%, 1%, 3%	95	200	8.07 x 3.86 x 3.07	6.22	13119
1.5" NST-NH female	1.5" NST-NH male	0,4%, 1%, 3%	125	200	8.07 x 3.86 x 3.07	6.22	13120
2.5" NST-NH female	2.5" NST-NH male	0,4%, 1%, 3%, 6%	200	200	16.61 x 5.59 x 4.21	15.74	25702

"ULTRA-FOAM" eductors without bypass, in bronze, with calibrated orifices



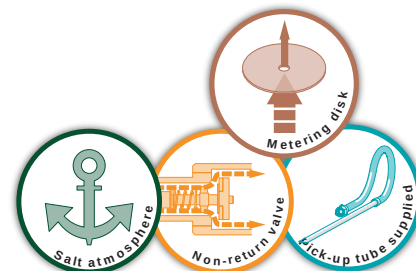
Maximum working pressure: 230 PSI
Material: bronze
Surface treatment: untreated
Non-return valve: yes
Supplied with pick-up tube: yes

Equips the "US Coast Guard"
Equips the Canadian Navy

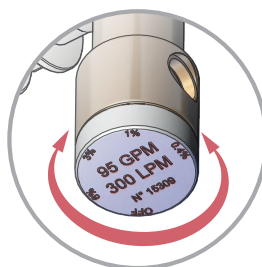
These "ULTRA-FOAM" eductors without bypass are made entirely in bronze for a saline environment. The regulation of dosage is obtained by calibrated orifices having the function of non-return valve.

Our ultra-foam eductors are easily dismantled for a better cleaning and maintenance. Every product is furnished with a pick up tube and a suction pipe.

Inlet	Outlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NPSH female	1.5" NPSH male	60	200	11.42 x 2.44 x 5.04	5.18	21867
1.5" NPSH female	1.5" NPSH male	90	200	11.42 x 2.44 x 5.04	5.18	21871



"ULTRA-FOAM" eductors without bypass, in bronze, with metering device



Adjustment of dosage done via the indexed metering device

Maximum working pressure: 230 PSI
Material: bronze and stainless steel
Surface treatment: untreated
Suction percentage: 0.4, 1, 3 and 6%
Non-return valve: yes
Supplied with pick-up tube: yes

Equips the Italian Navy

These "ULTRA-FOAM" eductors without bypass are made entirely in bronze for a saline environment. The regulation of dosage during operation is obtained thanks to an indexed metering device.

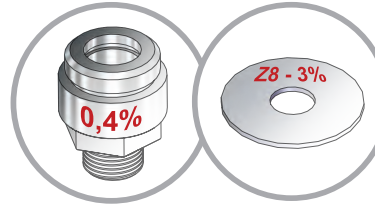
Our ultra-foam eductors are easily dismantled for a better cleaning and maintenance. Every product is furnished with a pick up tube and a suction pipe.

Inlet	Outlet	Suction percentage adjustment	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NPSH female	1.5" NPSH male	0.4%, 1%, 3%, 6%	95	200			21875.NPSH

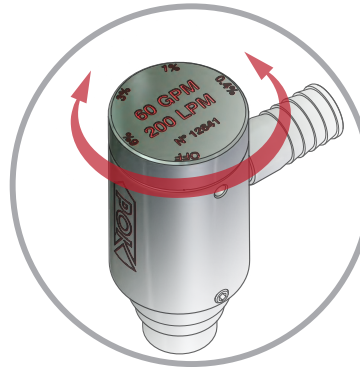


"ULTRA-LIGHT" eductors with bypass and calibrated orifices

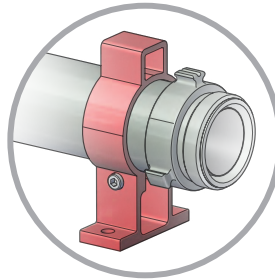
Compatibility
Equipment can be delivered
with threads
NST/NH (NFPA 1963),
BSP (ISO R 228)
or standardised couplings



Calibrated orifices are supplied as standard and allow a precise foam concentrate percentage while having a non-return valve function. The suction percentages are: 0,4%, 1%, 3% or 6% depending on your requirement.



As an option, eductors can be equipped with metering devices to mount instead of calibrated orifices to allow to change the setting of the percentage during use, and having a non-return valve function.



Other option: the foot in aluminium alloy for the 2.5" eductor model

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Non-return valve: yes
Pressure loss: 40%
Supplied with pick-up tube: yes

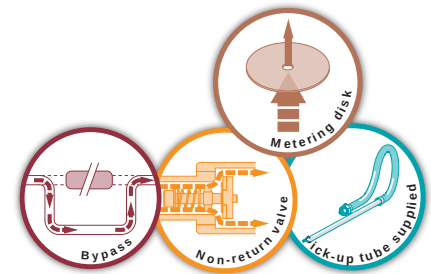
Options: metering device, fixation foot.

Our range of "ULTRA-LIGHT" eductors with bypass is made entirely in aluminium alloy hard anodised. Our eductors are mounted in front of nozzles for operation with water or foam. The removable non-return valve with calibrated orifices to allow for a dosage of 0.4, 1, 3 and 6%.

Our range of eductors are used with flow rates from 60 to 250 GPM and various possible connections: threaded BSP or NST-NH or standardised couplings.

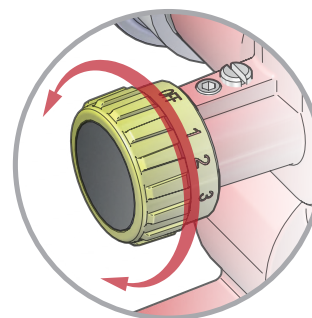
Every product is furnished with a pick up tube and a suction pipe.

Inlet	Outlet	Suction percentage adjustment	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	0,4%, 1%, 3%, 6%	60	200	6.26 x 3.94 x 2.95	2.18	09949
1.5" NST-NH female	1.5" NST-NH male	0,4%, 1%, 3%, 6%	95	200	6.26 x 3.94 x 2.95	2.18	09950
1.5" NST-NH female	1.5" NST-NH male	0,4%, 1%, 3%, 6%	125	200	6.26 x 3.94 x 2.95	2.18	09951
2.5" NST-NH female	2.5" NST-NH male	0,4%, 1%, 3%, 6%	200	200	10.67 x 5.59 x 4.25	5.03	08918
2.5" NST-NH female	2.5" NST-NH male	0,4%, 1%, 3%, 6%	250	200	10.67 x 5.59 x 4.25	5.03	12483

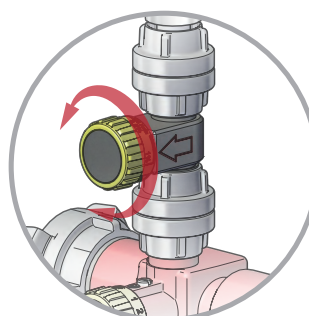


Eductors "MIXY EDUCTOR" in aluminium alloy with metering device

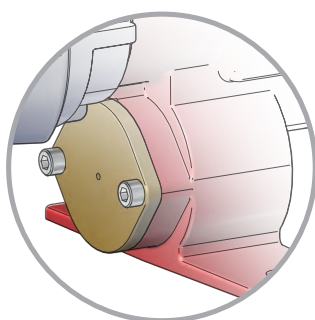
With control valve and metering device



Setting of the dosing percentage via the indexed metering device



Optional: the eductors "MIXY EDUCTOR" of 60 to 125 GPM can be equipped with a metering device with suction percentages of 0,1%, 0,5% and 1%.



Control valve integrated to the eductor

Our range of foam "MIXY EDUCTOR" operates according to the Venturi principle. As the pressurized water passes through the tip of the convergent pipe, a suction effect is created and the foam concentrated liquid is drawn up. The eductor is fitted with a non-return valve with a polyethylene ball valve, which prevents water from flowing back into the emulsifier tank. The metering orifice regulates the concentration flow and thus determines the percentage of the foam liquid from 0% to 6%.

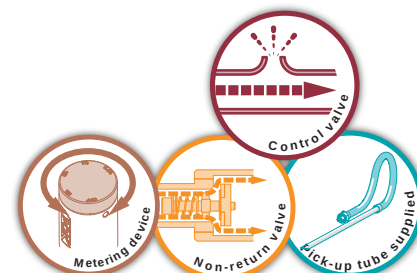
The control valve allows a constant dosage while pressure varies.

Our range of eductors are used with flow rates from 60 to 250 GPM and various possible connections: threaded BSP or NST-NH or standardised couplings. Construction in aluminium alloy with red polyester coating.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Non-return valve: yes
Control valve: yes
Pressure loss: 35%
Supplied with pick-up tube: yes

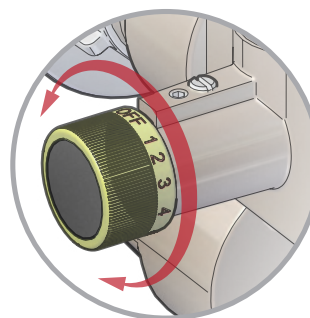
Options: metering device 0,1%, 0,5% and 1% for 60 and 125 GPM eductors.

Inlet	Outlet	Suction percentage adjustment	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	0, 0,4%, 1%, 3%, 6%	60	200	14.65 x 6.73 x 7.24	6.39	18749
1.5" NST-NH female	1.5" NST-NH male	0, 0,4%, 1%, 3%, 6%	95	200	14.65 x 6.73 x 7.24	6.39	18750
1.5" NST-NH female	1.5" NST-NH male	0, 0,4%, 1%, 3%, 6%	125	200	14.65 x 6.73 x 7.24	6.39	18751
2.5" NST-NH female	2.5" NST-NH male	0, 0,4%, 1%, 3%, 6%	150	200	21.1 x 7.76 x 8.86	11.73	18752
2.5" NST-NH female	2.5" NST-NH male	0, 0,4%, 1%, 3%, 6%	200	200	21.1 x 7.76 x 8.86	11.73	18753
2.5" NST-NH female	2.5" NST-NH male	0, 0,4%, 1%, 3%, 6%	250	200	21.1 x 7.76 x 8.86	11.73	18754

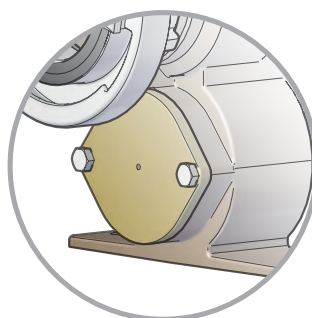


Eductors "MIXY-EDUCTOR" in bronze with metering device

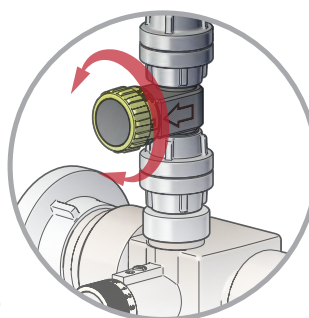
With control valve and metering device



Setting of the dosing percentage via the indexed metering device



Control valve integrated to the eductor



Optional: the eductors "MIXY EDUCTOR" of 60 to 125 GPM can be equipped with a metering device with suction percentages of 0,1%, 0,5% and 1%.

Our range of foam "MIXY EDUCTOR" operates according to the Venturi principle. As the pressurized water passes through the tip of the convergent pipe, a suction effect is created and the foam concentrated liquid is drawn up. The eductor is fitted with a non-return valve with a polyethylene ball valve, which prevents water from flowing back into the emulsifier tank. The metering orifice regulates the concentration flow and thus determines the percentage of the foam liquid from 0% to 6%.

The control valve allows a constant dosage while pressure varies.

Our range of eductors are used with flow rates from 60 to 200 GPM and various possible connections: threaded BSP or NST-NH or standardised couplings. Construction in bronze for the body and aluminium alloy for couplings.

Maximum working pressure: 230 PSI

Material: bronze

Body type: molded

Non-return valve: yes

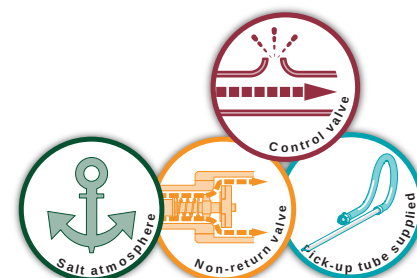
Control valve: yes

Pressure loss: 35%

Supplied with pick-up tube: yes

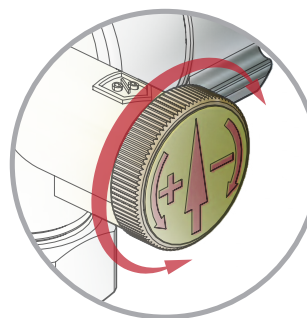
Options: metering device 0,1%, 0,5% and 1% for 60 and 125 GPM eductors.

Inlet	Outlet	Suction percentage adjustment	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	0, 0,4%, 1%, 3%, 6%	60	200	14.65 x 6.73 x 6.97	14.18	18764
1.5" NST-NH female	1.5" NST-NH male	0, 0,4%, 1%, 3%, 6%	95	200	14.65 x 6.73 x 6.97	14.18	18765
2.5" NST-NH female	2.5" NST-NH male	0, 0,4%, 1%, 3%, 6%	200	200			18766

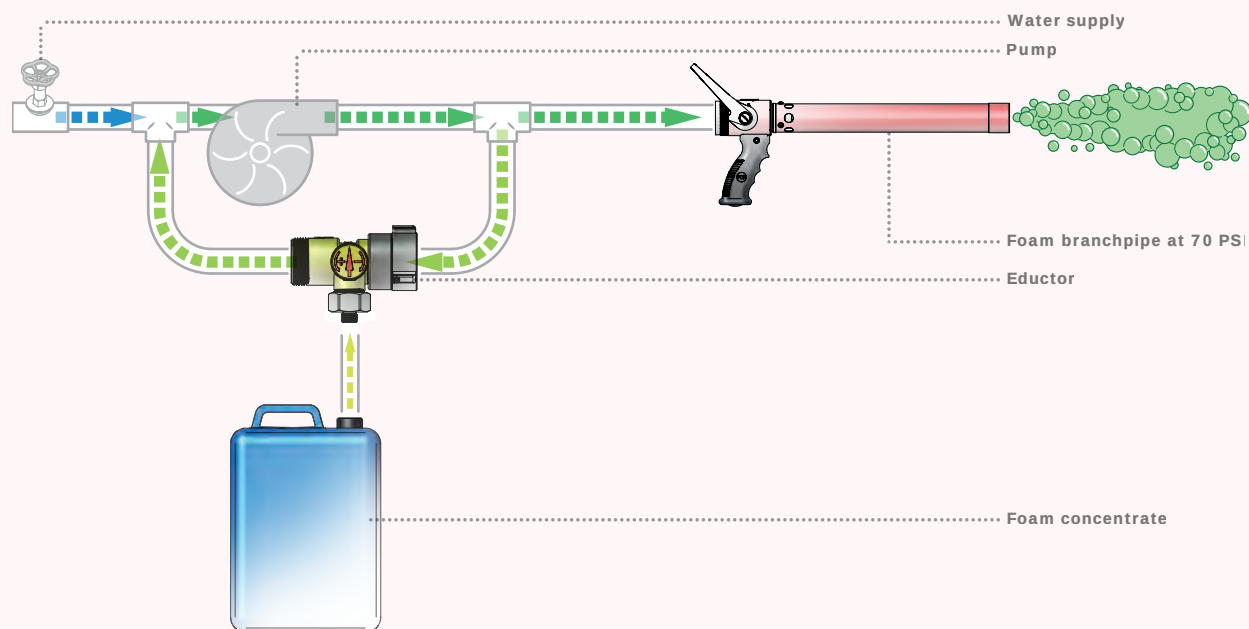


"Around the pump" eductors

Compatibility
Equipment can be delivered
with threads
NST/NH (NFPA 1963),
BSP (ISO R 228)
or standardised couplings



Setting of the dosing
percentage via the
indexed metering
device



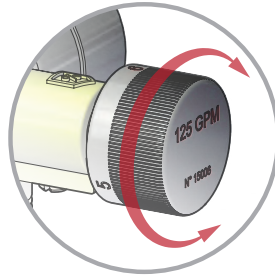
This equipment is used to deliver a premix with a low percentage of foam concentrate by placing it on a bypass allowing a portion of the water coming out of a pump to go through an eductor and inject the resulting premix at the entrance of the pump. The outgoing fluid is then at the nominal pressure of the pump with the premix percentage set at the metering device. This system enables having no pressure drop at the outlet of the pump (which would happen if one placed the eductor downstream of the pump).

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Suction percentage: from 0,12% to 1,15%
depending on product
Non-return valve: yes
Supplied with pick-up tube: yes

Inlet	Outlet	Suction percentage adjustment	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1"1/2 NST-NH female	1"1/2 NST-NH male	from 0,12% to 1,15%	60	90	5.31 x 7.17 x 4.09	1.76	23462



Mini-eductors



Suction percentage set with metering device for 0, 1, 2, 3, 4, 5 and 6 %

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Suction percentage: 0, 1, 2, 3, 4, 5 and 6 %
Non-return valve: yes
Supplied with pick-up tube: yes

Our range of mini-eductors offers a compact size and a low weight.

Made in aluminium alloy.

This range is available with two flow rates: 60 or 125 GPM. Various possible connections: threaded BSP or NST-NH, or standardised couplings. Delivered with pick-up tube.

Inlet	Outlet	Suction percentage adjustment	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	0%, 1%, 2%, 3%, 4%, 5%, 6%	60	90	5.31 x 5.16 x 4.09	1.72	18828
1.5" NST-NH female	1.5" NST-NH male	0%, 1%, 2%, 3%, 4%, 5%, 6%	125	90	5.31 x 5.16 x 4.09	1.72	15006



High pressure eductor - 580 PSI



Suction percentage set with metering device for 0, 1, 2, 3, 4, 5 and 6 %

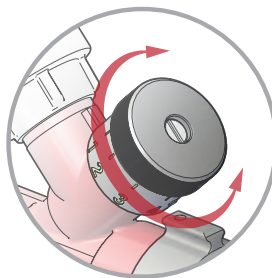
Working pressure: 580 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Suction percentage: 0, 0.4, 1, 3, and 6 %
Non-return valve: yes
Supplied with pick-up tube: yes

Our range of high pressure eductors works at an operating pressure of 580 PSI with inlet pressure of 580 PSI, and outlet pressure of 380 PSI. Made in aluminium alloy. This range is available with two flow rates: 20 or 40 GPM. Various possible connections: threaded BSP or NST-NH, or standardised couplings. Delivered with pick-up tube.

Inlet	Outlet	Suction percentage adjustment	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	1" NST-NH male	0%, 0.4%, 1%, 3%, 6%	20	580			07248.NST
1" NST-NH female	1" NST-NH male	0%, 0.4%, 1%, 3%, 6%	40	580			07249.NST



Eductors for hose reel



Suction percentage set with metering device for 1, 2, 3, 4, 5 and 6 %

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Suction percentage: 0, 1, 2, 3, 4, 5 and 6 %
Non-return valve: yes
Supplied with pick-up tube: yes

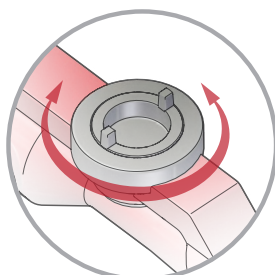
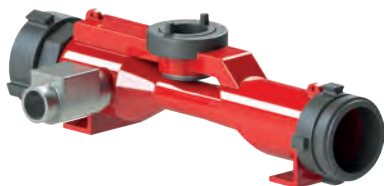
Our range of eductors for hose reels is made in aluminium alloy with red polyester coating. They equip the hose reels POK DN33, and allow to transform a simple hose reel into a hydro-foam hose reel system.

Our range can work with flow rates of 50 GPM and various possible connections: threaded BSP or NST-NH or standardised couplings.

Inlet	Outlet	Suction percentage adjustment	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	0%, 1%, 2%, 3%, 4%, 5%, 6%	50	145	10.94 x 2.8 x 6.3	3.09	07558



Eductors with bypass and metering device



Stepless adjustment of the suction percentage from 0 to 6 %

Certified by
The Ministry of Interior, Russia
n° 008112



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Suction percentage: from 0 to 6 %
Non-return valve: yes
Supplied with pick-up tube: yes

Our range of eductors for hose reels is made in aluminium alloy with red polyester coating. Positioned upstream of a monitor to operate with water or foam.

Our eductor is equipped with a non-return valve.

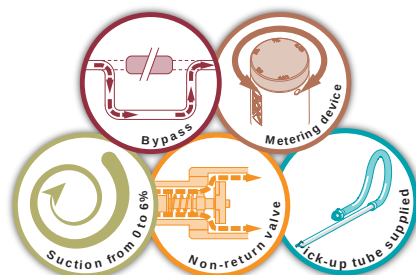
The suction percentage can be adjusted from 0 to 6%.

The eductor has stabilising legs for a better positioning on the floor and comes with pick-up tube.

The eductors are working for a range of flow rates from 300 to 500 GPM.

The in and outlet are available threaded BSP or NST-NH, or standardised couplings.

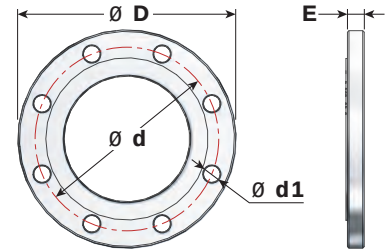
Inlet	Outlet	Suction percentage adjustment	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
4" NST-NH female	4" NST-NH male	from 0 to 6%	300	145			08153.NST
4" NST-NH female	4" NST-NH male	from 0 to 6%	400	145			07255.NST
4" NST-NH female	4" NST-NH male	from 0 to 6%	500	145			07256.NST



Eductors in stainless steel with calibrated orifice



In compliance with norm
 French: NFE 29-201 and NFE 29-203
 German: DIN 201
 American: ANSI B 16-5
 International: ISO 2084

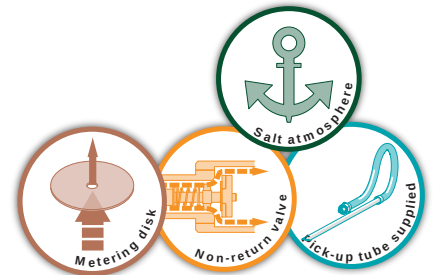


Description	Dimensions (inches)				
	D	d	E	d1 - Thread	Nber of holes
3" ASA150	7.5	6	0.94	19 - M16	4
4" ASA150	9	7.5	0.94	19 - M16	8

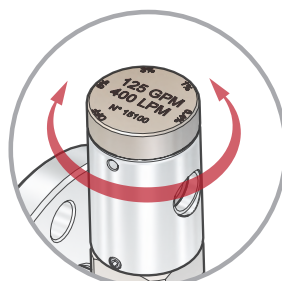
Maximum working pressure: 230 PSI
 Material: stainless steel
 Pressure loss: 40%
 Suction percentage: 3 or 6%
 Non-return valve: yes
 Supplied with pick-up tube: yes

Our range of eductors with calibrated orifices is entirely made in stainless steel. The calibrated orifices allow a fixed suction of 3% or 6% (depending on your requirement). Our range of eductors works with flow rates going from 260 to 800 GPM and various connections: 3" to 4" (depending on the flow rate) ASA150. Our eductors are delivered with pick-up tube.

Inlet flange	Outlet flange	Suction coupling	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
3" ASA150	3" ASA150	1" NST-NH male	260	145	19.17 x 7.48 x 7.48	26.15	21948.NST
4" ASA150	4" ASA150	1.5" NST-NH male	320	145	31.77 x 9.02 x 9.02		21998.NST
4" ASA150	4" ASA150	1.5" NST-NH male	400	145	31.77 x 9.02 x 9.02		21999.NST
4" ASA150	4" ASA150	1.5" NST-NH male	530	145	31.77 x 9.02 x 9.02		22000.NST
4" ASA150	4" ASA150	1.5" NST-NH male	800	145	31.77 x 9.02 x 9.02		22004.NST

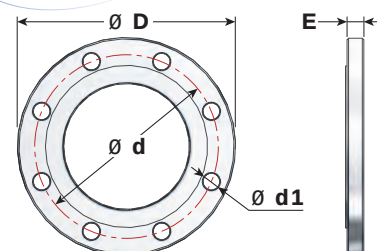


Eductors in stainless steel, with metering device



Suction percentage set with metering device for 1, 2, 3, 4, 5 and 6 %

In compliance with norm
 French: NFE 29-201 and NFE 29-203
 German: DIN 201
 American: ANSI B 16-5
 International: ISO 2084



Description	Dimensions (inches)				
	D	d	E	d1 - Thread	Nber of holes
3" ASA150	7.5	6	0.94	19 - M16	4
4" ASA150	9	7.5	0.94	19 - M16	8

Maximum working pressure: 230 PSI
 Material: stainless steel
 Pressure loss: 40 %
 Suction percentage: 0, 0.4, 1, 3 and 6 %
 Non-return valve: yes
 Supplied with pick-up tube: yes

Our range of eductors with metering device is made entirely in stainless steel. The metering device allows to modify the suction percentage (0, 0.4, 1, 3 and 6%) during the use of the foam equipment. Our range of eductors works with flow rates going from 300 to 800 GPM and various connections: 3" to 4" (depending on the flow rate) ASA150.

Inlet flange	Outlet flange	Suction coupling	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
3" ASA150	3" ASA150	1" NPT female	260	140	19.17 x 7.48 x 11.65	31.09	22001.NPT
4" ASA150	4" ASA150	1.5" NPT female	300	140	31.77 x 9.02 x 12.44		22008
4" ASA150	4" ASA150	1.5" NPT female	400	140	31.77 x 9.02 x 12.44		22170
4" ASA150	4" ASA150	1.5" NPT female	530	140	31.77 x 9.02 x 12.44		22184
4" ASA150	4" ASA150	1.5" NPT female	800	140	31.77 x 9.02 x 12.44		22186



Metering devices in aluminium alloy



Our range of metering devices is made entirely in aluminium alloy. Connected to the eductors and replacing the calibrated orifices, they allow to change the suction percentage (0, 0.4, 1, 3 and 6%) while the equipment is in use.

These metering devices are equipped with a non-return valve and delivered with a pick-up tube. Our range works with flow rates from 10 GPM to 250 GPM.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Suction percentage: 0, 0.4, 1, 3 and 6%
Non-return valve: yes



Inlet	Outlet	Flow rate (GPM)	Dimensions (inches)	Weight (lbs)	Ref.
3/8" BSP male	3/4" BSP male	10	113 x 71 x 50	0.99	13121
3/8" BSP male	3/4" BSP male	20	113 x 71 x 50	0.99	12639
3/8" BSP male	3/4" BSP male	25	113 x 71 x 50	0.99	17518
3/8" BSP male	3/4" BSP male	40	113 x 71 x 50	0.99	12640
3/8" BSP male	3/4" BSP male	60	113 x 71 x 50	0.99	12641
3/8" BSP male	3/4" BSP male	95	113 x 71 x 50	0.99	12642
3/8" BSP male	3/4" BSP male	125	113 x 71 x 50	0.99	12643
GFR DN20 male	3/4" BSP male	200	149 x 108 x 58	1.81	13122
GFR DN20 male	3/4" BSP male	250	149 x 108 x 58	1.81	13123

Metering devices in bronze and stainless steel



Our metering devices are entirely made of stainless steel and bronze.

Connected to the eductors and replacing the calibrated orifices, they allow to change the suction percentage (0, 0.4, 1, 3 and 6%) while the equipment is in use without the need for disassembly.

These metering devices are equipped with a non-return valve and delivered with a pick-up tube. Our range works with flow rates from 60 GPM to 800 GPM.

Maximum working pressure: 230 PSI
Material: bronze and stainless steel
Suction percentage: 0, 0.4, 1, 3 and 6%
Non-return valve: yes



Inlet	Outlet	Flow rate (GPM)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NPT female	1.5" BSP female	260	7.48 x 4.37 x 3.15	11.31	21882
1.5" NPT female	1.5" BSP female	320	7.48 x 4.37 x 3.15	11.31	30577
1.5" NPT female	1.5" BSP female	360	7.48 x 4.37 x 3.15	11.31	24866
1.5" NPT female	1.5" BSP female	400	7.48 x 4.37 x 3.15	11.31	21884
1.5" NPT female	1.5" BSP female	600	7.48 x 4.37 x 3.15	11.31	14757
1.5" NPT female	1.5" BSP female	630	7.48 x 4.37 x 3.15	11.31	28850
1.5" NPT female	1.5" BSP female	650	7.48 x 4.37 x 3.15	11.31	20232
1.5" NPT female	1.5" BSP female	800	7.48 x 4.37 x 3.15	11.31	14758

Metering devices for "MIXY EDUCTOR"



Option for "MIXY EDUCTOR" 60 and 125 GPM allowing to obtain the following percentages: 0.1, 0.5 and 1%. Simple use: simply remove the pick-up tube from the eductor with setting 6% and insert the metering device. It has six positions: three positions 0.1, 0.5, and 1% dedicated to the "MIXY EDUCTOR" 60 GPM, three positions 0.1, 0.5, and 1% dedicated to "MIXY EDUCTOR" 125 GPM.

Maximum working pressure: 230 PSI
Material: aluminium alloy and brass
Suction percentage: 0.1, 0.5 and 1%
Non-return valve: yes



Inlet	Outlet	Flow rate (GPM)	Dimensions (inches)	Weight (lbs)	Ref.
Storz D/25	Storz D/25	60 - 125	4.53 x 3.74 x 2.17	1.23	25272
GFR DN20 female	GFR DN20 male	60 - 125	4.8 x 3.62 x 2.28	1.28	25712

Pick-up tubes



These pick-up tubes equip our eductors and self-educing foam nozzles. The set consists of a crimped coupling on a rigid semi-transparent hose with metal coil, set on a tube of 3.3 feet in length. Our range goes from diameter 1/2" to 1 1/2" and 3 to 10 feet in length (depending on the model).

Maximum working pressure: 230 PSI

Pick-up tube inside diameter (inches)	Inlet	pick-up tube length (ft)	Weight (lbs)	Ref.
1/2"	3/8" BSP female	3		26413
3/4"	3/8" BSP female	3	1.76	12960
1"	GFR DN20 female	3	1.98	16656
1"	GFR DN20 female	5	2.65	09327
1"	GFR DN20 female	10	4.41	16657
1"	Storz D/25	5	2.65	09329
1"	Storz D/25	10	4.41	16231
1 1/2"	SG DN40, with lock	10	7.05	09328
1 1/2"	Storz C/52	10	7.05	09330

Foot for "ULTRA-LIGHT" eductors

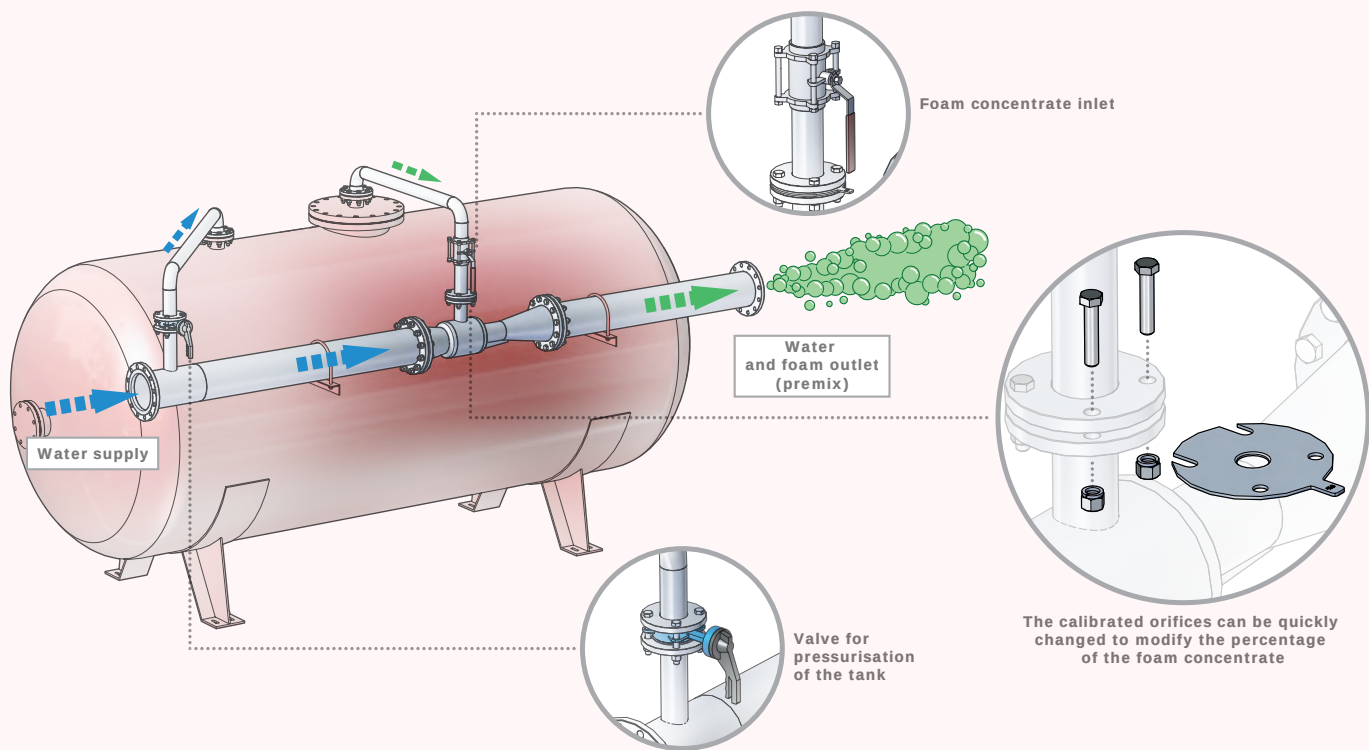


This foot in aluminium alloy serves to support the "ULTRA-LIGHT" of 2.5" and secures the eductor to the floor or to the wall. Internal diameter: 2.95".

Material: aluminium alloy
Surface treatment: polyester coating

Description	Weight (lbs)	Ref.
For 2.5" eductor, with fixation hole	0.71	07308

High volume eductors for bladder tanks in stainless steel



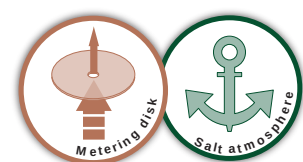
The high volume eductors mounted on tanks produce a constant percentage of foam over a wide flow rate range. These devices generate very low pressure losses: 2 to 5 % of the supply pressure, depending on the flow rate.

Made entirely in stainless steel AISI 316L. They offer strength and durability.

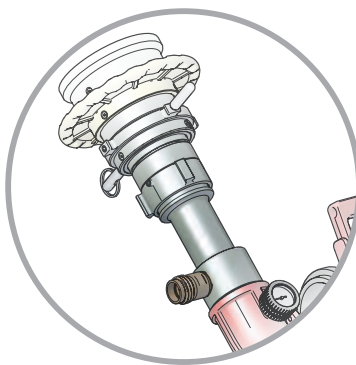
Our range is available in various models: 4", 5", 6" and 8".

Maximum working pressure: 230 PSI
Material: stainless steel

Water - inlet flange	Foam concentrate - inlet flange	Water / foam - outlet flange	Dimensions (inches)	Weight (lbs)	Ref.
4" ASA 150	1.5" ASA 150	4" ASA 150	19.21 x 8.66 x 9.72	31.97	27717.ASA
5" ASA 150	2.5" ASA 150	5" ASA 150	21.46 x 9.84 x 12.13	41.45	23002.ASA
6" ASA 150	2" ASA 150	6" ASA 150	28.94 x 11.22 x 12.2	51.81	23223.ASA
8" ASA 150	2.5" ASA 150	8" ASA 150	38.11 x 13.39 x 16.38	77.16	22434.ASA



Self-educing attachments for monitor diffusers



Example of the assembly of a self-educing device on a monitor "AZIMUTOR 3000" equipped with a nozzle "TURBOKADOR 3000"

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Non-return valve: yes
Supplied with pick-up tube: yes

Our range of self-educing attachments will make any diffuser mounted on a monitor turn into a self-educing foam equipment. Made in aluminium alloy with hard anodisation. This educator allows to produce a premix at a specific flow rate: 200, 400, 530 and 800 GPM. It comes complete with a round thread at the suction, a long clear pick-up tube. This range of attachments comes in various threads and normalized couplings.



Inlet	Outlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH male	1.5" NST-NH male	200	145	9.49 x 5.08 x 3.46	4.48	12530
2.5" NST-NH female	2.5" NST-NH male	400	145	7.99 x 5.28 x 3.46	3.97	14254.NST
2.5" NST-NH male	2.5" NST-NH male	530	145	7.68 x 5.24 x 3.15	3.31	14246.NST
2.5" NST-NH male	2.5" NST-NH male	800	145	7.99 x 5.28 x 3.46	3.42	14252.NST



Foam branchpipes without shutoff, without suction of foam concentrate



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Expansion: approx. x10

Our range of low expansion foam branchpipes without shutoff and without suction is made of aluminium alloy, hard anodised with red polyester coating. It offers an expansion of about 10 with a throwing range up to 92 feet at 200 GPM at 70 PSI.

The range of possible flow rates are from 20 to 200 GPM. Several connections are possible: threaded BSP or NST-NH or standardised couplings.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Average range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	20	70		14.29 x 1.97 x 1.97	0.88	12669
1.5" NST-NH female	60	70	59			09042.NST
2" NST-NH female	100	70	72			09044.NST
2.5" NST-NH female	200	70	92			09047.NST



Foam branchpipes without shutoff, with suction of foam concentrate



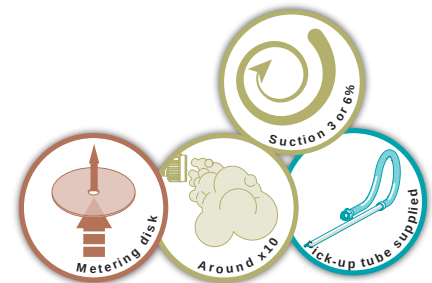
Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Expansion: approx. x10
Suction percentage: 3 or 6%
Supplied with pick-up tube: yes

Our range of low expansion foam branchpipes without shutoff and with suction orifice is made of aluminium alloy, hard anodised and with red polyester coating. It offers an expansion of about 10 with a throwing range up to 92 feet at 200 GPM at 70 PSI.

The range of flow rates possible are from 30 to 200 GPM. Several connections are possible: threaded BSP or NST-NH or standardised couplings.

The equipment is delivered with pick-up tube.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Average range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	25	70				07590.NST
1.5" NST-NH female	50	70	59			03403.NST
2" NST-NH female	100	70	72			19477.NST
2.5" NST-NH female	200	70	92			06831.NST



Foam branchpipes with DIN shutoff, without suction of foam concentrate

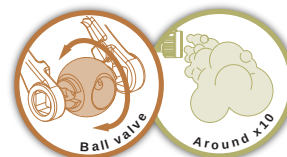


Our range of low expansion foam branchpipes without suction is made in aluminium alloy, hard anodised and red polyester coating. Our branches are equipped with a "DIN" shutoff allowing opening and closing of the branch. They operate with flow rates ranging from 50 to 200 GPM and various connection are possible: threaded BSP or NST-NH or standardised couplings.



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Valve type: ball valve
Operation: by lever
Body type: molded
Expansion: approx. x10

Inlet	Flow rate (GPM)	Working pressure (PSI)	Average range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	50	70	59			09049.NST
1.5" NST-NH female	100	70	72			09051.NST
2.5" NST-NH female	200	70	92			09054.NST



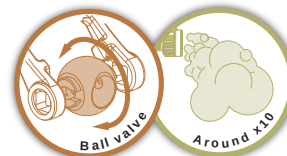
Foam branchpipe with shutoff Gamma "Γ", without suction of foam concentrate



Our range of low expansion foam branchpipes without suction is made in aluminium alloy, hard anodised and red polyester coating. Our branches are equipped with a "Gamma Γ" shutoff allowing quick opening and closing of the branch. They operate with flow rates ranging from 50 and 100 GPM and various connection are possible: threaded BSP or NST-NH or standardised couplings.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Valve type: ball valve
Operation: by handle
Body type: molded
Pistol grip type: simple
Expansion: approx. x10

Inlet	Flow rate (GPM)	Working pressure (PSI)	Average range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	50	70	59			15911.NST
1.5" NST-NH female	100	70	72			16067.NST





Foam branchpipes with shutoff, without suction of foam concentrate, without pistol grip

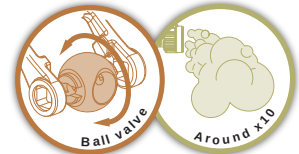


These foam branchpipes are without pistol grip to reduce the overall size. They are equipped with a shutoff allowing quick opening and closing of the branchpipe.
Several inlet couplings are possible.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Valve type: ball valve
Operation: by manoeuvre handle
Body type: cut into bars
Expansion: approx. x10

Handle color:

Inlet	Flow rate (GPM)	Working pressure (PSI)	Average range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	60	70	59			06811.NST



Foam branchpipes with shutoff, without suction of foam concentrate, with pistol grip



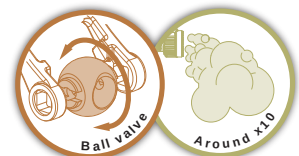
These low expansion foam branchpipes are made in aluminium alloy, anodised and with red polyester coating. They are equipped with a shutoff allowing fast opening and closing of the branch.

Observed expansion is about 10 and flow rates range from 20 to 250 GPM. Various inlet connections are possible.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Valve type: ball valve
Operation: by manoeuvre handle
Body type: cut into bars
Pistol grip type: simple
Expansion: approx. x10

Handle color:

Inlet	Flow rate (GPM)	Working pressure (PSI)	Average range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	20					09955
1.5" NST-NH female	60		60			09956
1.5" NST-NH female	95		72	27.48 x 7.36 x 10.71	5.82	09957
1.5" NST-NH female	125		75	27.48 x 7.36 x 10.71	5.80	09958
2.5" NST-NH female	200		60	32.05 x 5 x 10.71	7.63	02296
2.5" NST-NH female	250		91	32.05 x 7.36 x 10.71	7.63	09959



Foam branchpipe with shutoff, without suction of foam concentrate, with blabbermouth



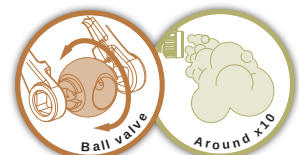
These branches are mounted with a blabbermouth to adjust the shape and throw range.

They are equipped with a shutoff allowing the opening and closing of the branch. The flow rate is 100 GPM and various inlet connections are possible: threaded BSP or NST-NH or standardised couplings.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating
Valve type: ball valve
Operation: by manoeuvre handle
Body type: cut into bars
Expansion: approx. x10

Handle color:

Inlet	Flow rate (GPM)	Working pressure (PSI)	Average range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	100	70	72			18815.NST



"POWER FOAM" branchpipe with shutoff, without suction of foam concentrate (patented)



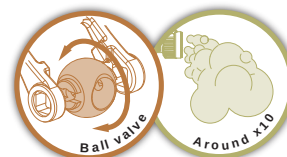
Patented system
POWER FOAM
+ 30% performances
Space divided by 2

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Valve type: ball valve
Operation: by manoeuvre handle
Body type: molded
Expansion: approx. x10

Handle color:

Our range of low expansion "POWER FOAM" branchpipes without suction is made according to a new patented technology making the device more compact with higher throw range performance. The branch is equipped with a ball valve and pistol grip. The flow rates range, from 50 to 200 GPM and various inlet connections are possible. The branch is made of aluminium alloy, hard anodised and with red polyester coating.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Average range (ft)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	50	70	75			24117
1.5" NST-NH female	100	70	89			24121
2.5" NST-NH female	200	70	118			24125



Foam branchpipe with suction of foam concentrate in aluminium alloy

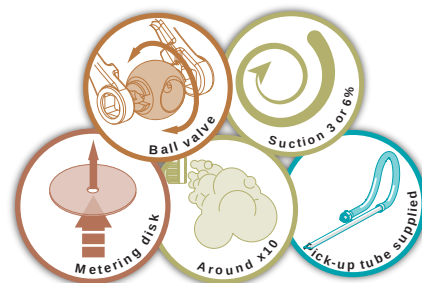


Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: cut into bars
Valve type: ball valve
Expansion: approx. x10
Suction percentage: 0.4, 1, 3 or 6%
Supplied with pick-up tube: yes

Handle color:

Our range of low expansion self educting branchpipes is made of aluminium alloy, hard anodised and with red polyester coating. The branch has a shutoff for quick opening and closing and a pick-up tube. Foam expansion is about 10. Flow rates range from 20 to 50 GPM and various possible inlets: threaded BSP or NST-NH or standardised couplings.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	20	70			09960.FF1.5NST
1.5" NST-NH female	50	70	25.51 x 3.74 x 9.29	3.97	09961



Foam branchpipe with suction of foam concentrate, in bronze

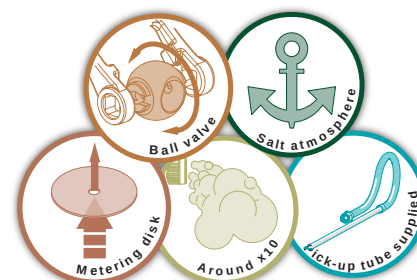


Maximum working pressure: 230 PSI
Material: bronze and aluminium alloy
Surface treatment: polyester coating
Body type: molded
Valve type: ball valve
Expansion: approx. x10
Suction percentage: 3 or 6%
Supplied with pick-up tube: yes

Handle color:

Our range of low expansion self-educting foam branchpipe is made in bronze and stainless steel with polyester coating for corrosive environment. The branch is equipped with a shutoff to open and close it and comes with a pick-up tube. Foam expansion is about 10.

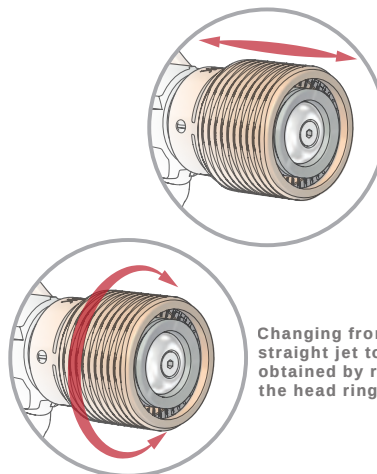
Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	100	70			16186.NST



Hand nozzles - Low expansion foam



Dual-use



Passing from the water spray to foam is obtained by sliding the head

Changing from straight jet to spray is obtained by rotation of the head ring

Maximum Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Expansion rate: around x10
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Head: smooth
Pistol grip: one

Option : shutoff handle made in aluminium alloy

Bumper guard colors:

The dual use nozzle is very light, robust and made of aluminium alloy hard anodised and designed to operate up to 230 PSI.

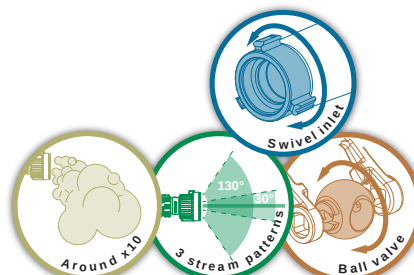
To deliver foam, the nozzle must be supplied with a pre-mix solution.

Choose between :

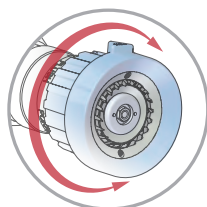
- position 1: water
- position 2: foam obtained by sliding the head ring

The operating handle enables a quick open/close of the nozzle.

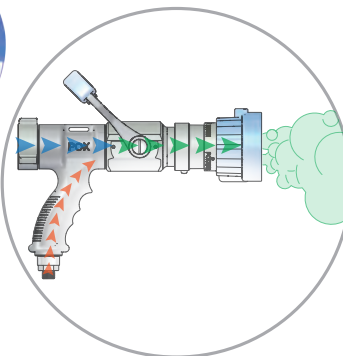
Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref
1.5" NST-NH female	70	90			32826.NST



Edupok



Stream pattern selection by rotation of the head ring



System of foam mix concentrate is integrated in the body of the nozzle

Maximum Maximum working pressure: 230 PSI
Shutoff: with ball valve
Opening: by operating handle
Flush: YES
Suction percentage: 3%
Expansion rate: around x10
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars and molded
Head: spinning teeth
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colors:

Our self-educing nozzle "EDUPOK" 95 GPM has an ultra-compact mixing system integrated in the grip of the nozzle and does not require an external foam educator.

The nozzle is made out of aluminium alloy hard anodised.

The bumper with tactile marks enables to select the different stream patterns (straight jet, flashover, wide angle spray).

The operating handle enables a quick open/close of the nozzle.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref
1.5" NST-NH female	95	100	12.95 x 5 x 11.06	5.95	32394

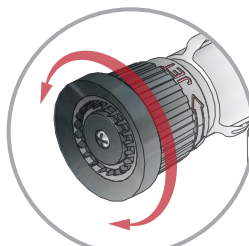


Self-educing foam branchpipe with spinning teeth nozzle

*Foam nozzle with spinning teeth
Delivered with
metering device
and pick-up tube*



Selection of the suction percentage with the metering device at 1 and 2%, the "Flush" position is used to clean the metering device.



Nozzle tip with spinning teeth and selectable stream from straight jet to wide angle.

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Valve type: ball valve
Operation: by manoeuvre handle
Body type: cut into bars
Head: spinning teeth
Pistol grip type: simple
Suction percentage: 1 and 2%
Non-return valve: yes
Supplied with pick-up tube: yes

Options: foam tank with metering device

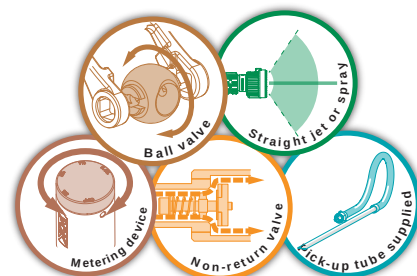
Bumper guard color:

These foam nozzles are compact, with spinning teeth and come standard with metering device and pick-up tube.

The metering device allows to change the foam concentrate percentage during use and water pattern can be changed from straight jet to wide angle.

The nozzle is equipped with a shutoff for quick opening and closing. Several normalised couplings can be mounted: sym Guillemain, Storz, BSP, etc.

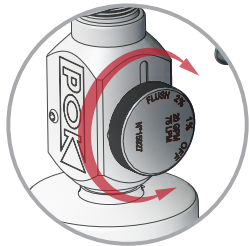
Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	20	70			18637



Foam concentrate bottle for self-educing foam nozzle



Self-educing foam nozzle with the bottle of foam concentrate



Selection of the suction percentage using the metering device for 1% and 2%. The Flush position is used to clean the metering device.

Maximum working pressure: 230 PSI
Suction percentage: 1 and 2%
Non-return valve: yes
Supplied with pick-up tube: yes

This bottle with metering device replaces the pick-up tube which is no longer required. The operator can freely move with a foam concentrate supply attached to the nozzle.

Capacity (gallon)	Dimensions (inches)	Weight (lbs)	Ref.
0.5	4.72 x 4.72 x 14.06	1.83	21340

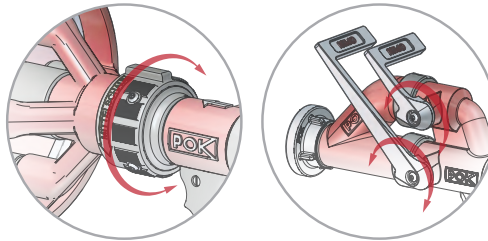


Dual expansion foam branchpipes (low and medium expansion)

Our dual expansion foam branchpipes 50 and 100 GPM are made in aluminium alloy. They are simple to use: the foam expansion can be changed by rotation of the ring to change between low and medium expansion or the choice of the shutoff handle.

At low expansion, the premix is going through the inner tube creating an expansion of about 10. At medium expansion, the premix is coming out of the four tips on the external tube creating homogeneous and dense foam of expansion about 70.

The foam branchpipe works with a premix at 3 or 6% depending on the required foam results.



The rotation of the ring or shutoff handles allows to go from expansion x10 to x70 (or x90)

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Valve type: ball valve
Operation: by manoeuvre handle
Body type: molded
Pistol grip type: simple
Expansion: approx. x10 or x70

Handle color:



With pistol grip and "Gamma" handle. Foam expansion 10, in low expansion foam mode, and 70 in medium expansion foam mode.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	50	70			29001.NST
1.5" NST-NH female	100	70			29983.NST



Model made for French Navy, with pistol grip and "Gamma" manoeuvre handle. Foam expansion 10, in low expansion foam mode, and 90 in medium expansion foam mode.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	50	60			35102.NST



With "DIN" valve, therefore without pistol grip. Expansion 10 in low expansion foam mode, and 70 in medium expansion foam mode.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	50	70			34593.NST
1.5" NST-NH female	100	70			37133.NST

Foam branchpipe without shutoff, without manometer and stainless steel mesh



Couplings conform to norms
 DSP - NF S 61-701
 Storz - DIN 14307 & 14308
 BSP - ISO R 228
 NST / NH - NFPA 1963

Conform to the norm
Storz - DIN 14366

Maximum working pressure: 230 PSI
 Material: aluminium alloy and stainless steel
 Surface treatment: polyester coating
 Expansion: approx. x70
 Lift handle: yes

Our range of medium expansion foam branchpipe without shutoff is made in aluminium alloy and red polyester coating, and with a stainless steel mesh. The expected foam expansion is 70. This range of foam branchpipes allows a flow rate going from 15 to 200 GPM as well as several inlet connections: threaded BSP or NST-NH or standardised couplings.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	15	90			12405
2.5" NST-NH female	200	70			09033.NST



Foam branchpipe without shutoff, with manometer, with stainless steel mesh



Couplings conform to norms
 DSP - NF S 61-701
 Storz - DIN 14307 & 14308
 BSP - ISO R 228
 NST / NH - NFPA 1963

Conform to the norm
Storz - DIN 14366

Maximum working pressure: 230 PSI
 Material: aluminium alloy and stainless steel
 Surface treatment: polyester coating
 Expansion: approx. x70
 Lift handle: yes
 Pressure gauge: yes

Our range of medium expansion foam branchpipes without shutoff is made in aluminium alloy and red polyester coating and with a stainless steel mesh. Expansion is about 70. The flow rates go from 50 to 100 GPM and several inlet connections are possible: threaded BSP or NST-NH or standardised couplings.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	50	70			09028.NST
1.5" NST-NH female	100	70			09030.NST



Branchpipes - Medium expansion foam



Foam branchpipe with shutoff, with manometer, with stainless steel mesh



Maximum working pressure: 230 PSI
Material: aluminium alloy and stainless steel
Surface treatment: polyester coating
Valve type: ball valve
Operation: by handle
Expansion: approx. x70
Lift handle: yes

Our range of medium expansion foam branchpipe with shutoff is made in aluminium alloy and red polyester coating, and equipped with a stainless steel mesh. This equipment provides an expansion of about 70 and throwing range up to 50 ft for a flow rate of 200 GPM at 70 PSI. This foam branchpipe works at 200 GPM and several inlet connections are possible: threaded BSP or NST-NH or standardised couplings.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	200	70	34.76 x 13.31 x 14.45	20	09964



Foam branchpipe with shutoff, with manometer, with stainless steel mesh.



Conform to norm
POLISH
Certification 1942 / 2014
Certification 1943 / 2014



Maximum working pressure: 230 PSI
Material: aluminium alloy and stainless steel
Surface treatment: polyester coating
Valve type: ball valve
Operation: by lever
Expansion: approx. x70
Lift handle: yes
Pressure gauge: yes

Our range of medium foam expansion branchpipes with shutoff is made in aluminium alloy, hard anodised and equipped with a stainless steel mesh. These devices come with a manometer.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	15	70			13236
1.5" NST-NH female	50	70	21.93 x 8.98 x 10.2	6.81	09962
1.5" NST-NH female	100	70	21.65 x 10.98 x 12.24	7.87	09963



"BLIZZARD 530" foam branchpipe



Our "BLIZZARD 530" medium expansion foam branchpipe can be mounted on portable or fixed monitors, for a flow rate of 530 GPM at 145 PSI. It is made in stainless steel and anodised aluminium. The branchpipe offers an expansion of 30 to 50 and throw range of 150 feet. The inlet connection is a 2.5" female thread and can be equipped with all types of couplings on demand.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	530	145		20,00	13129.NST

Maximum working pressure: 230 PSI
Material: aluminium alloy and stainless steel
Expansion: approx. x50



"BLIZZARD 50" foam branchpipe



High tech
Expansion x150
30m³ of foam per minute

The "BLIZZARD 50" medium expansion foam branchpipe is made in primary aluminium alloy with high strength thermic treatment. The mesh is in stainless steel and tube in polyester. With its robust construction and high technology the Blizzard 50 represents an evolution of our medium foam expansion branchpipe. Supplied with a premix of 3%, depending on the quality of the foam, the branchpipe produces an expansion of 150 or more, that is 1060 ft³/min.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	50	from 30 to 120	32.87 x 16.38 x 16.38	23.37	22612.NST

Maximum working pressure: 230 PSI
Material: aluminium alloy and resin
Surface treatment: polyester coating
Expansion: approx. x150
Lift handle: yes



Hand nozzles - Medium expansion foam



Medium expansion foam nozzles with shutoff



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: cut into bars
Valve type: ball valve
Expansion: approx. x30
Suction percentage: 0.4, 1, 3 or 6%
Supplied with pick-up tube: yes

Handle color:

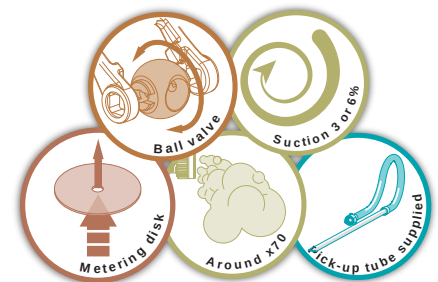
Our range of self-educing medium expansion foam nozzles is made in aluminium alloy and with red polyester coating.

The nozzles have a shutoff allowing open/close and are delivered with a pick-up tube.

The foam expansion is about 30.

The flow rates are going from 20 to 250 GPM and there are several possible inlet connections: threaded BSP or NST-NH, or standardised couplings.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	20	70	19.69 x 5.28 x 9.29	5.89	08998
1.5" NST-NH female	60	70			13237
1.5" NST-NH female	125	70			13238
2.5" NST-NH female	250	70			13239



Medium expansion foam nozzles with shutoff and bottle of foam concentrate



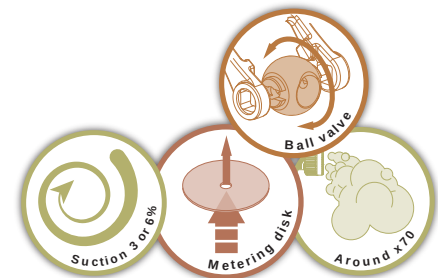
Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: cut into bars
Valve type: ball valve
Expansion: approx. x30
Suction percentage: 3%

Handle color:

Our range of self-educing medium expansion foam is made in aluminium alloy and red polyester coating. These nozzles have a shutoff for opening and closing and come with a bottle for foam concentrate.

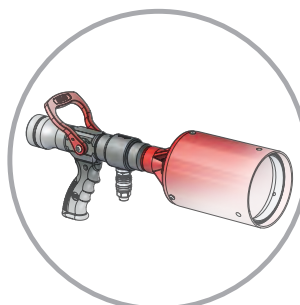
They offer an expansion of about 30. There are several possible inlet connections: threaded BSP or NST-NH, or standardised couplings.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	20	75			18636

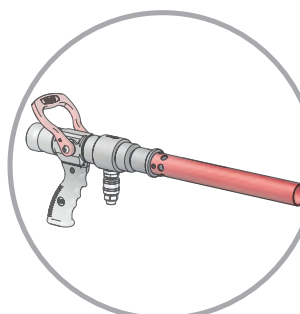


"HANDY-FOAM" portable foam unit

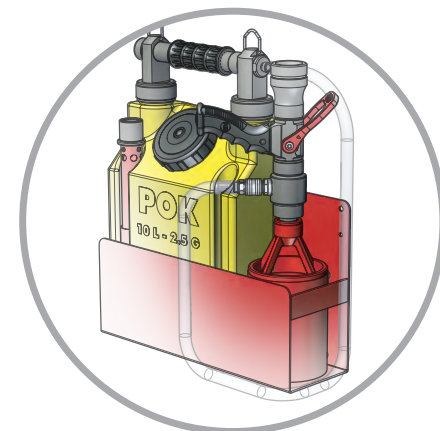
*Portable unit
Great autonomy
of the fireman
Easy carrying
Many options*



Self-educing medium expansion foam branchpipe of 20 GPM



Self-educing low expansion foam branchpipe of 20 GPM



"Handy-foam" with carrier in aluminium alloy, equipped with a low and medium foam expansion branchpipe

The "HANDY FOAM" portable foam unit is made of a resevoir in polyethylene with 2.6 gallon capacity and carrying shoulder straps to facilitate the carrying.

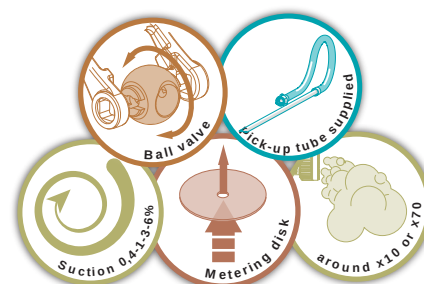
It comes with low and medium expansion foam branchpipes that can be connected to the nozzle and exchanged depending on the use, and allowing possible percentages of foam concentrate thanks to calibrated orifices of 0.4, 1, 3 and 6%.

Various options are possible: self-educing low expansion foam branchpipe of 20 GPM, self-educing medium expansion foam branchpipe of 20 GPM, self-educing low expansion foam branchpipe of 50 GPM, Belier piercing nozzle of 20 GPM, shutoff, low expansion foam head, medium expansion foam head, nozzle tip of 20 GPM, reservoir, pick-up tube, carrier, extra metering orifices.

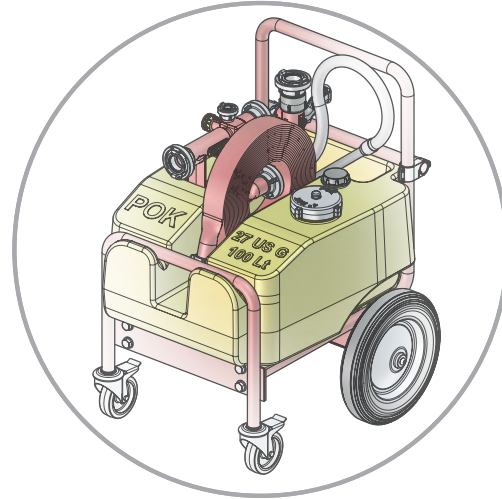
Description	Capacity (gallon)	Flow rate (GPM)	Inlet	Dimensions (inches)	Weight (lbs)	Ref.
Portable foam unit with low and medium expansion foam branchpipes and carrying shoulder straps	2.64	20			13.01	08997.NST
Portable foam unit with low and medium expansion foam branchpipes and harness	5.28	20			13.67	25098.NST
Self-educing low expansion foam branchpipe		50	1.5" NST-NH female	25.51 x 3.74 x 9.29	3.97	09961
Self-educing low expansion foam branchpipe		20	1" NST-NH female			09960
Self-educing medium expansion foam branchpipe		20	1" NST-NH female			08998
Belier piercing nozzle		20	1" NST-NH female	43.27 x Ø 2.52	4.14	12789
Shutoff valve with self-educing system		20	1" NST-NH female	9.72 x 3.74 x 9.29	3.20	12678
Low expansion foam head		20	1" NST-NH female	14.29 x Ø 1.97	0.88	12669
Medium expansion foam head		15	1" NST-NH female	10.47 x Ø 5.28	2.69	12405
Nozzle tip		20	1" NST-NH female	3.94 x Ø 1.97	0.60	12749
Reservoir with pick-up tube, filter and straps	2.64				0.00	08999
Pick-up tube of 10 feet length					0.00	12791
Aluminium alloy support				19.41 x 5.24 x 11.93	2.47	11716
Metering orifices (precise the flow rate and percentage when ordering)				1.38 x Ø 1.18	0.07	09823

Maximum working pressure: 230 PSI
Material: aluminium alloy and polyethylene
Surface treatment: polyester coating and hard anodisation
Valve type: ball valve
Expansion: approx. x10 or x70
Suction percentage: 0,4, 1, 3 or 6%

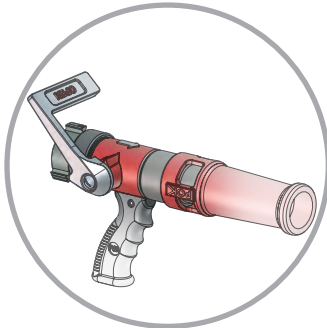
Handle color:



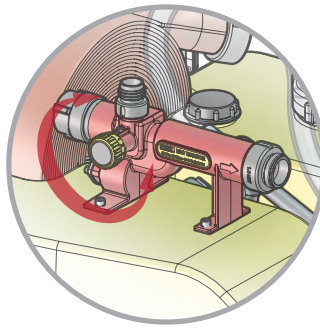
Mobile foam units with reservoir



Mobile foam unit with 27 gallons tank, "MIXY EDUCTOR" 60 GPM and low expansion foam nozzle 60 GPM



Supplied with low or medium expansion of 60 or 125 GPM



Supplied with "MIXY EDUCTOR" 60 or 125 GPM, with control valve and metering device

Maximum working pressure: 230 PSI
 Material: aluminium alloy and polyethylene
 Surface treatment: polyester coating and hard anodisation
 Valve type: ball valve
 Operation: by handle
 Expansion: approx. x10 or x70
 Suction percentage: 0, 1, 2, 3, 4, 5 and 6%
 Non-return valve: yes
 Control valve: yes
 Supplied with pick-up tube: yes

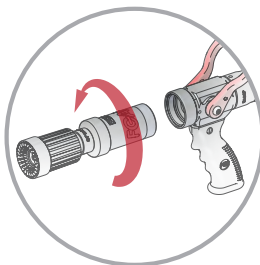
Our mobile foam units are available in 27 or 40 gallons. Equipped with a tank in polyethylene yellow color, mounted on chassis and two rear wheels of 16", two front and rotating wheels with a locking device.

The foam unit is delivered with accessories: Mixy eductor of 60 or 125 GPM and pick-up tube, a 65 ft long flat hose of diameter 1"3/4, a low or medium foam expansion nozzle of 60 or 125 GPM (depending on the model). Several inlet connections are possible: threaded BSP or NST-NH or standardised couplings.

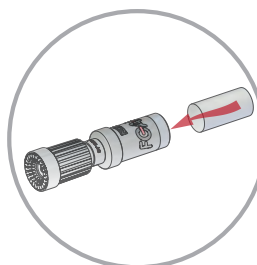


Description	Capacity (gallon)	Flow rate (GPM)	Inlet	Dimensions (inches)	Weight (lbs)	Ref.
Mobile foam unit with low expansion foam branchpipe and eductor 60 GPM	27	60	1.5 NST-NH female			07949.NST
Mobile foam unit with medium expansion foam branchpipe and eductor 60 GPM	27	60	1.5 NST-NH female			07950.NST
Mobile foam unit with low expansion foam branchpipe and eductor 125 GPM	40	125	1.5 NST-NH female			07951.NST
Mobile foam unit with medium expansion foam branchpipe and eductor 125 GPM	40	125	1.5 NST-NH female			07952.NST
Mobile foam unit with low expansion foam branchpipe and eductor 60 GPM - without hose	40	60	1.5 NST-NH female			16081.NST

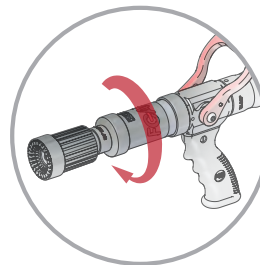
POK FOAM "QST" Quick Stick Technology 25 GPM



Replacing the stick is easy:
1 - unscrew the soap box



2 - insert a quick stick



3 - screw the soap box tightly

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Valve type: ball valve
Operation: by lever

Bumper guard color:

POK Quick Stick Technology features the use of a small easy to use solid stick of wetting agent, type A or AFFF/AR. The water passing through the mixing tube dissolves the stick. Eliminates the drawbacks of liquid foams: weight, size, transfer problems. The nozzle offers a flow rate of 25 GPM at the operating pressure of 90 PSI. Several inlet connections are possible: threaded BSP or NST-NH or standardised couplings.



Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	25	90	13.58 x 3.74 x 9.29	3.24	18673.25GPM.NST

Soap box for POK FOAM "QST" 25 GPM



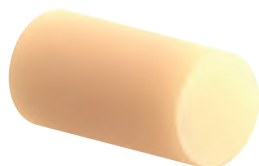
Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
3/4" GHT female	3/4" GHT male	5.51 x Ø 2.13	0.71	18806

Transparent soap box for POK FOAM "QST" 25 GPM



Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
3/4" GHT female	3/4" GHT male	5.71 x Ø 2.32	0.33	22252

Soap refill for POK FOAM "QST" 25 GPM



Description	Weight (lbs)	Ref.
Soap refill - mini Eco green		16265

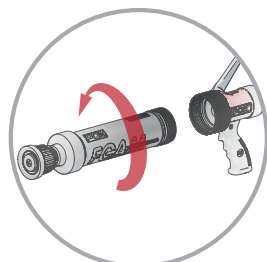
Hand nozzles - Pok foam "QST"



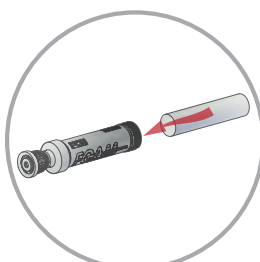
POK FOAM "QST" Quick Stick Technology 70 GPM - Gamma shutoff handle



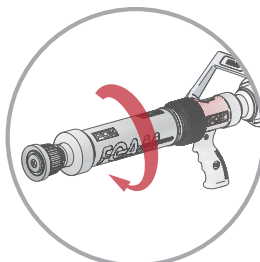
Replacing the stick is easy:



1 - unscrew the soap box



2 - insert a quick stick



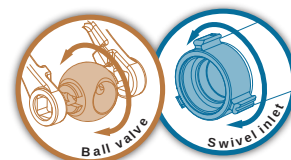
3 - screw the soap box tightly



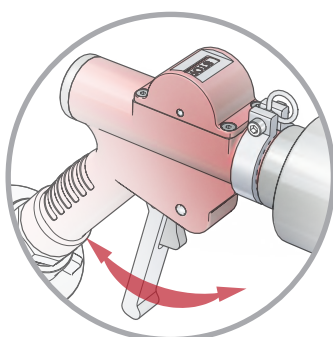
Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Valve type: ball valve
Operation: by handle

POK Quick Stick Technology features the use of a small easy to use solid stick of wetting agent, type A AFFF/AR. The water passing through the mixing tube dissolves the stick. Eliminates the drawbacks of liquid foams: weight, size, transfer problems. The nozzle with Gamma shutoff handle offers a flow rate of 70 GPM at the operating pressure of 90 PSI. Several inlet connections are possible: threaded BSP or NST-NH or standardised couplings.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	70	90			13677.NST



POK FOAM "QST" Quick Stick Technology 70 GPM - nozzle trigger



Nozzle with trigger and four positions: MAXI - 2/3 - 1/3 - Stop

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Valve type: with slide valve
Operation: by trigger

POK Quick Stick Technology features the use of a small easy to use solid stick of wetting agent, type A AFFF/AR. The water passing through the mixing tube dissolves the stick. Eliminates the drawbacks of liquid foams: weight, size, transfer problems. The nozzle with slide valve and trigger offers a flow rate of 70 GPM at the operating pressure of 90 PSI. Several inlet connections are possible: threaded BSP or NST-NH or standardised couplings.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	70	90	32.01 x 3.66 x 8.46		13615



Soap box for POK FOAM "QST" 70 GPM



Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1" NST-NH male	13.98 x Ø 3.35	2.69	18801
1.5" NST-NH female	1" NPSH male	13.98 x Ø 3.35	2.69	18802
1.5" NST-NH female	1.5" NST-NH male	14.8 x Ø 3.35	2.76	18803

Transparent soap box for POK FOAM "QST" 70 GPM



Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	12.91 x Ø 3.43	1.08	22267

Soap refill for POK FOAM "QST" 70 GPM



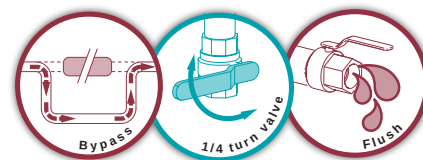
Description	Weight (lbs)	Ref.
Soap refill - maxi Eco green		16262

Self-educing "QST" Quick Stik Technology with by-pass



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Valve type: ball valve
Operation: by hand
Flush : YES

Pre-mixed POK Quick Stik Technology "QST" features the use of a small, easy to use, solid stick of wetting agent, Type A AFFF/AR. The water passing through the mixing tube dissolves the stick. The use of solid cartridges eliminates the drawbacks of using liquid foams (weight, size, transfer problems). The pre-mixer is equipped with a bypass function which facilitates the change of the cartridge (so you can use the device with or without the pre-mixer) and it features a flush valve. Several inlet connections are possible: threaded BSP or NST, or standardised couplings.



Inlet	Outlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	2.5" NST-NH male	70	90	32.64 x 11.34 x 11.93	26.94	21758.2.5NST

Hand nozzles - Long range water and air under pressure



Long range jet spray nozzle



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: molded
Valve type: ball valve
Operation: by lever
Pistol grip type: yes

Our long range jet spray nozzle allows a water jet spray distance longer than other devices. The working principle is as follows: coating of air under pressure by a water jet. At a certain distance of the nozzle, the forces which maintain the water around the air release, and the compressed air blow up this water jet into small droplets, which absorb the fire heat, to cool it down fast.

The advantage of this device is that the operation is continuous with an extremely fast effect. The advantage compared to a classic nozzle is to get a longer range of the jet spray.

Thanks to its jet spray allowing the absorption of the fire heat, our long range jet spray nozzle allows to solve one of the problems encountered by firefighters when they have to approach close to a fire.



Inlets	Flow rate water (GPM)	Flow rate air (ft³ / h)	Dimensions (inches)	Weight (lbs)	Ref.
2x 1.5" NST-NH female	100	7060	11.69 x 4.96 x 12.4	7.39	16051
2x 1.5" NPSH female	100	7060	12.95 x 4.96 x 12.4	8.11	16052



"COMBIPOWDER" powder-foam nozzle (patented)

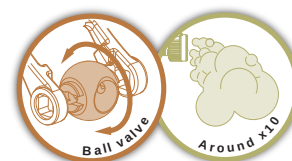


Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: molded
Valve type: ball valve
Operation: by lever
Pistol grip type: yes
Expansion: approx. x10
Range: 89 ft (measure made by the French Navy)

Our range of "COMBIPOWDER" powder foam nozzle is made entirely in aluminium alloy. This nozzle combines two functions: a powder nozzle with flow rate of 11 lb/s and a 100 GPM foam nozzle.

The combination of the two devices operating simultaneously has the advantage of significantly improving the distance of the powder nozzle and generates unsurpassed efficiency in extinguishing oil fires.

A large number of inlet connections can be provided: threaded BSP or NST-NH or standardised couplings.



Inlets	Flow rate water (GPM)	Flow rate powder (lb/s)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
2x 1" NST-NH female	100	11	90	15.79 x 4.96 x 12.4	9.15	16028
2x 1.5" NST-NH female	100	11	90	14.69 x 4.96 x 12.4	8.38	16029
2x 1" NPSH female	100	11	90	15.79 x 4.96 x 12.4	9.15	16030
2x 1.5" NPSH female	100	11	90	15.94 x 4.96 x 12.4	9.13	16031

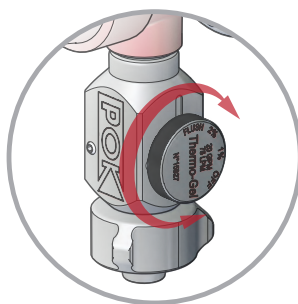


Eductors - Powder

Hand nozzles - Powder



Powder eductors



Metering device 4 positions :
OFF - 1% - 2% - FLUSH

Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: molded

This eductor allows to throw powder to extinguish specific fires. Entirely made of stainless steel with polyester coating or hard anodisation. The metering device is used to change the percentage of powder from 1 to 2%.

A large number of inlet connections can be provided: threaded BSP or NST-NH or standardised couplings.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	100	90	13.74 x 3.86 x 8.07	3.26	18973.NST



Powder nozzles



This range of powder nozzles is made in aluminium alloy. They can be mounted on a large number of inlet connections: threaded BSP or NST-NH or standardised couplings.

The flow rates range from 4 to 11 lb/s.

Inlet	Flow rate (lb/s)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	4	11.46 x 5 x 10.71	3.57	28693
1.5" NST-NH female	11	13.39 x 5 x 10.71	4.19	13930



Powder nozzle CRI-CRI



Maximum working pressure: 230 PSI
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Valve type: cylindrical valve
Operation: by lever
Pistol grip type: yes

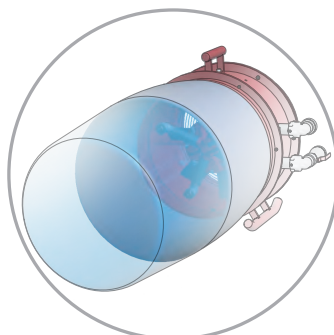
This powder nozzle features a direct full bore spray. It has an easy cleaning function from the inside by a rigid swab without dismantling.

Its "pistol" handle is ergonomic and is equipped with a safety feature that protects the user's hand against shock and friction.

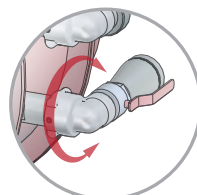
The full diameter passage is 3/4" and offers a flow rate of 11 lb/s at an operating pressure of 120 PSI.

Inlet	Flow rate (lb/s)	Dimensions (inches)	Weight (lbs)	Ref.
3/4" NST-NH female	11	11.02 x 11.14 x 3.07	3.79	31338.NST

High expansion foam generator 20"

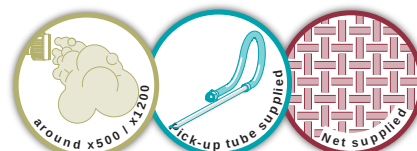


Generator with net to optimize expansion



In and outlet with swivel elbow. 1/4 valve at the inlet.

Maximum working pressure: 230 PSI
Material: aluminium alloy and stainless steel
Surface treatment: polyester coating and hard anodisation
Expansion: about x500 or from x500 to x1200

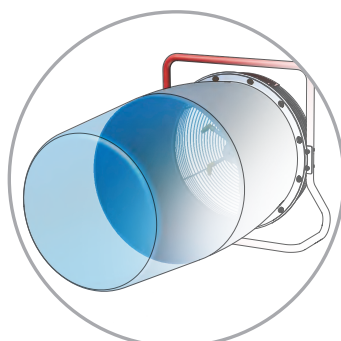


Our high expansion portable foam generator 20" is made entirely in aluminium alloy. It is used either as high expansion foam generator or without its extractor function as simple fan. It comes in two versions: 500 expansion or variable expansion from 500 to 1,200. The flow rate is 60 GPM at 90-100 PSI. The foam concentrate is introduced in the device via a pick-up tube. A large number of inlet connections can be provided: threaded BSP or NST-NH or standardised couplings. This generator offers high performance and is easily transportable.

Inlet	Outlet	Expansion	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	500	90-100			07592.NST
1.5" NST-NH female	1.5" NST-NH male	500 to 1200	90-100			01487.NST

"SNOW COAT" 20" high expansion foam generator

Approved by Russian Navy



Generator with net to optimize the expansion

Maximum working pressure: 230 PSI
Material: aluminium alloy, stainless steel and brass
Surface treatment: polyester coating
Expansion: approx. x350



This generator has six injectors that bring the device into rotation similar to rotating fan blades, thus blowing the premix through the net. It offers a flow rate of 60 GPM at 90-100 PSI. It allows a premix of 3% and expansion rate of 350. A large number of inlet connections can be provided: threaded BSP or NST-NH or standardised couplings.

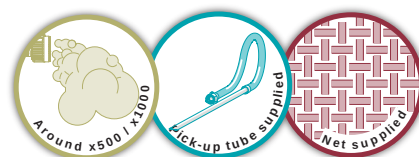
Inlet	Flow rate (GPM)	Working pressure (PSI)	Diameter (inches)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	60	90-100	20	24.29 x 8.94 x 26.26	39.02	16360

30" portable high expansion foam generators



This 30" high expansion foam generator is portable by two people. It is equipped with a fan driven by a turbine with incorporated injector and water collector on the turbine. It offers a selectable expansion from 500 to 1,000. This unit is fully explosion proof. It offers a flow rate of 60 GPM. A large number of inlet connections can be provided: threaded BSP or NST-NH, or standardised couplings. The foam concentrate is drawn through a pick-up tube.

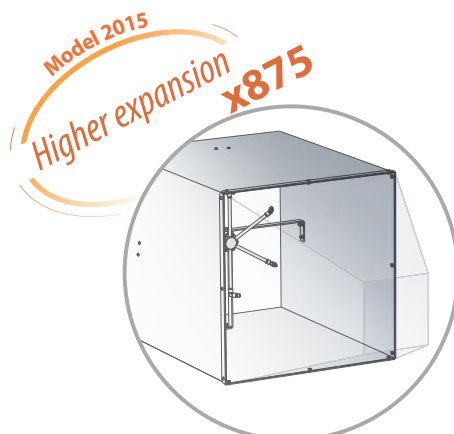
Maximum working pressure: 230 PSI
Expansion: from x500 to x1000
Lift handle: yes



Inlet	Outlet	Expansion	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	500 to 1000	60	100	36.5 x 19.49 x 35.51	121.25	07591.NST



"GYROFOAM" foam generators



2015 Model with trapezoidal mesh for higher expansion

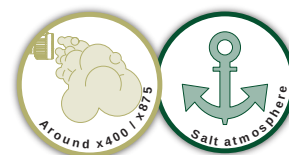
Maximum working pressure: 230 PSI
Material: stainless steel and brass
Surface treatment: untreated
Expansion: approx. x400 or approx. x875

Our high expansion foam generators "GYROFOAM" for fixed installations are made in stainless steel with the couplings in brass.

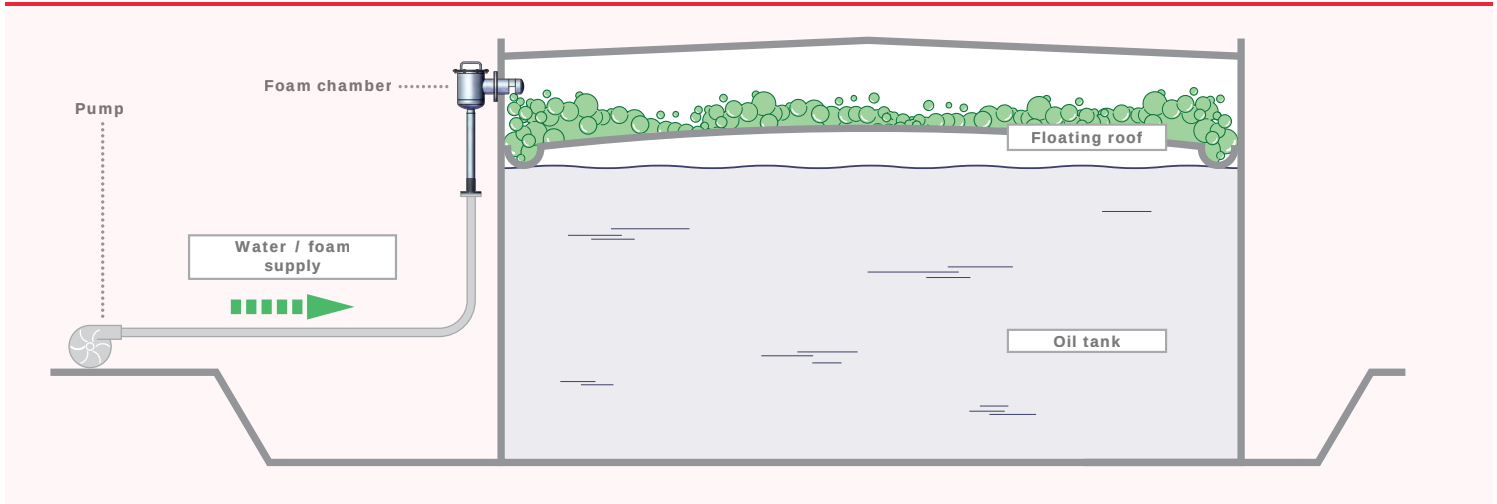
These units have six injectors which bring the device into rotation similar to rotating fan blades, thus blowing the premix through the stainless steel mesh.

The version called L2 offers a flow rate of 50 GPM at 100 PSI and foam flow rate of 2825 ft³/min (expansion 400). The new version of 2015 offers a flow rate of 65 GPM at 100 PSI and foam flow rate of 6180 ft³/min (expansion 875). A large number of inlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.

Inlet	Expansion	Flow rate (GPM)	Working pressure (PSI)	Dimensions (cm)	Weight (lbs)	Ref.
1.5" NST-NH female	400	50	100	2.36 x 3.15 x 3.15	85.98	14918.NST
1.5" NST-NH female	875	65	100	6.69 x 3.23 x 3.23	127.87	35415.NST



The POK foam discharge systems are used to protect storage tanks with floating roof and with vertical opening, containing flammable or combustible liquids. They consist of two integrated components: a generator for generating the foam expansion, and a spillway to guide the foam to the bottom of the tank wall at the joint surface. Each foam generator operates by transferring a pressurized foam solution through a calibrated stainless steel orifice. Air is drawn through louvers into the generator and thoroughly mixed; and the foam thus produced passes through the weir and is projected outward. The foam then falls on the tray and extends over the area around the seal of the tank. POK Foam Tank Seal Generators are available in four sizes with nominal flow capacities of foam from 25 to 640 GPM. The foam generation of these devices depends on the quality of the foam concentrate as well as the operating conditions. With a good quality foam concentrate and a pressure of 100 PSI at the inlet of the generator, the expansion rate is about 8. Tank Seal systems are suitable for use with all low expansion foam agents and for all types of fire hazard applications including oil and refrigerated solvent. The shape of the system is made to avoid foam projections that would be counter productive in case of solvent fires.



To ensure maximum protection of the tank seal, the foam will form a circular ring around the floating roof. Thus, it is recommended to design a circular barrier of an anti-corrosion material. The foam is thus guided into this corridor with a sufficient depth. For optimum security, we recommend a minimum volume of 12" x 12" and a maximum volume of 24" x 24". This will provide perfect drainage of the foam around the floating roof. The drainage grooves rain water to flow away, which favors the production of foam. In case of fire, a rapid response is required. To accomplish this, a sensing system will instantly trigger the overflow foam, thus avoiding consequential damages.

Foam chambers



Maximum working pressure: 230 PSI
Material: stainless steel



Our family of foam chambers is entirely made in stainless steel (standard model) and covers a large range of flow rates. All components of this product is the result of work of the metal workshop following strict procedures and knowledge. Our range is available in various models: 2", 3", 4" and 6". The inlet coupling is a flange ASA150 from 2 to 6" depending on the required flow rate (available with ISO type flange).

Inlet	Flow rate (GPM)	Dimensions (inches)	Weight (lbs)	Ref.
Flange 2" ASA150	80	21.1 x 10.55 x 39.65	37.48	20473
Flange 3" ASA150	160	22.91 x 11.02 x 41.93	90.39	13550
Flange 4" ASA150	320	28.46 x 13.15 x 52.48	152.12	15221
Flange 6" ASA150	640	35.39 x 17.09 x 66.46	233.69	15246

Foam chambers



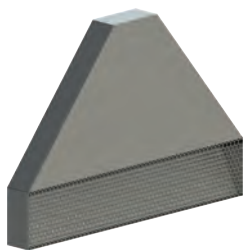
Maximum working pressure: 230 PSI
Material: stainless steel

Our range of horizontal flow foam chamber is made entirely in stainless steel. It can be obtained in two versions depending on the required flow rate: 2" or 3".

Inlet	Dimensions (inches)	Weight (lbs)	Ref.
Flange 2" ASA150	44.41 x 6.69 x 9.76	25.57	20439
Flange 3" ASA150	91.93 x 11.14 x 16.02	89.95	21886



Trapezoidal foam chambers



Maximum working pressure: 230 PSI
Material: stainless steel

Our foam chamber is entirely manufactured in stainless steel. It exists in a 2" version with 2" NST-NH female thread. It offers a dispersion and an optimum expansion on the wall thanks to its trapezoidal shape.

Inlet	Dimensions (inches)	Weight (lbs)	Ref.
2" NST-NH female	8.78 x 39.49 x 27.64	41.45	14356.NST



Foam chamber



Maximum working pressure: 230 PSI
Material: stainless steel

Our range of foam chambers is entirely manufactured in stainless steel. Flow rates and inlet flanges can be adapted to your needs.

Inlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
Flange 4" ASA150	530	100	17.6 x 24.33 x 45.98	34.17	27218
Flange 4" ASA150	800	100	19.57 x 36.34 x 46.06	41.01	27235



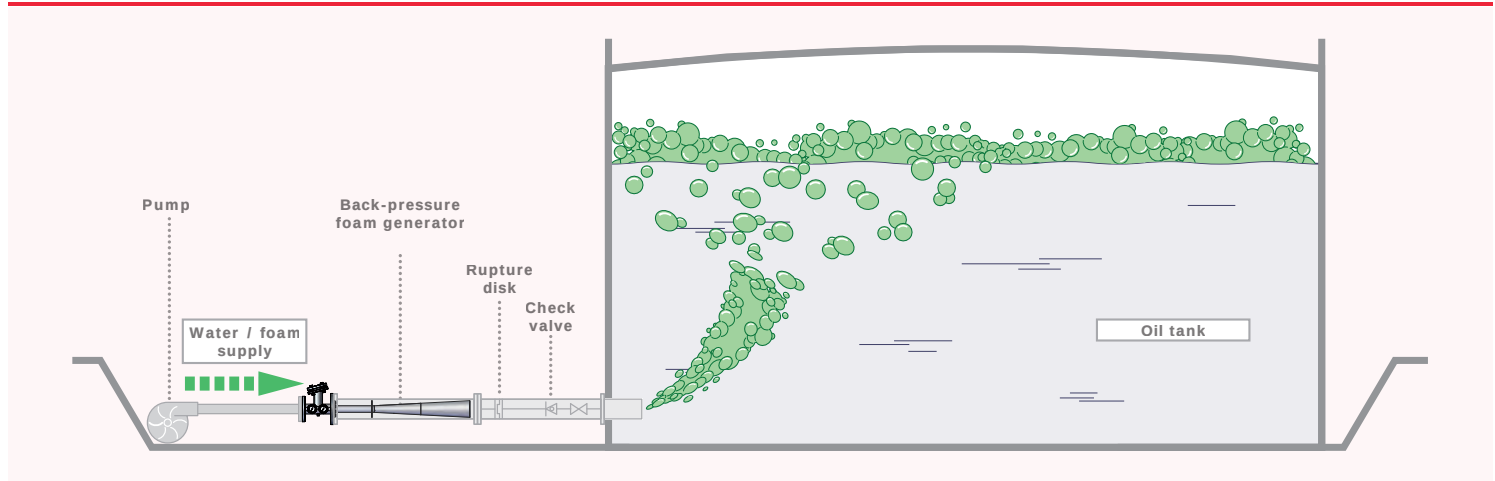
FOR THE PROTECTION OF OIL TANKS

Supplied with pre-mix, the foam generator produces a foam under pressure with a density of about 2 lbs/gal. This foam introduced at the base of a tank passes through the oil slick and extends to the liquid surface, depriving it of oxygen.

Advantages: extinction is very fast. The unit installed at the base of the tank is protected from gas explosions.

Supply pressure: from 100 to 230 PSI. Flow rate up to 580 GPM premix at 100 PSI

Contraindications: oil viscosity greater than 440 centistokes. In this case, it is necessary to use foam chambers.



Back-pressure foam generator



Certified
By Russian authorities
n° 0370411
n° 8424.20.000



Our range of back pressure foam generator is made for the protection of oil tanks.

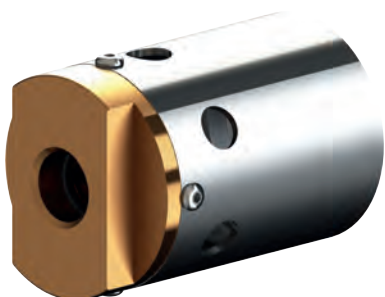
Supplied with premix, the generator produces foam under pressure with density of 2 lbs/gal. This foam introduced at the base of a tank passes through the oil slick and extends to the liquid surface, depriving it of oxygen. Advantages: extinction is very fast. The unit installed at the base of the tank is protected from gas explosions. The unit is made entirely of stainless steel or in aluminium alloy (depending on your preference). Different versions are available: 370, 500 or 580 GPM.

Maximum working pressure: 230 PSI
Material: stainless steel

Inlet	Outlet	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
Flange 4" ASA150	Flange 6" ASA150	370	100	59.13 x 15.2 x 10.98	149.91	13917
Flange 4" ASA150	Flange 6" ASA150	500	100	59.13 x 15.2 x 10.98	149.91	13188
Flange 4" ASA150	Flange 6" ASA150	580	100	59.13 x 15.2 x 10.98	149.91	13919



Foam discharge heads



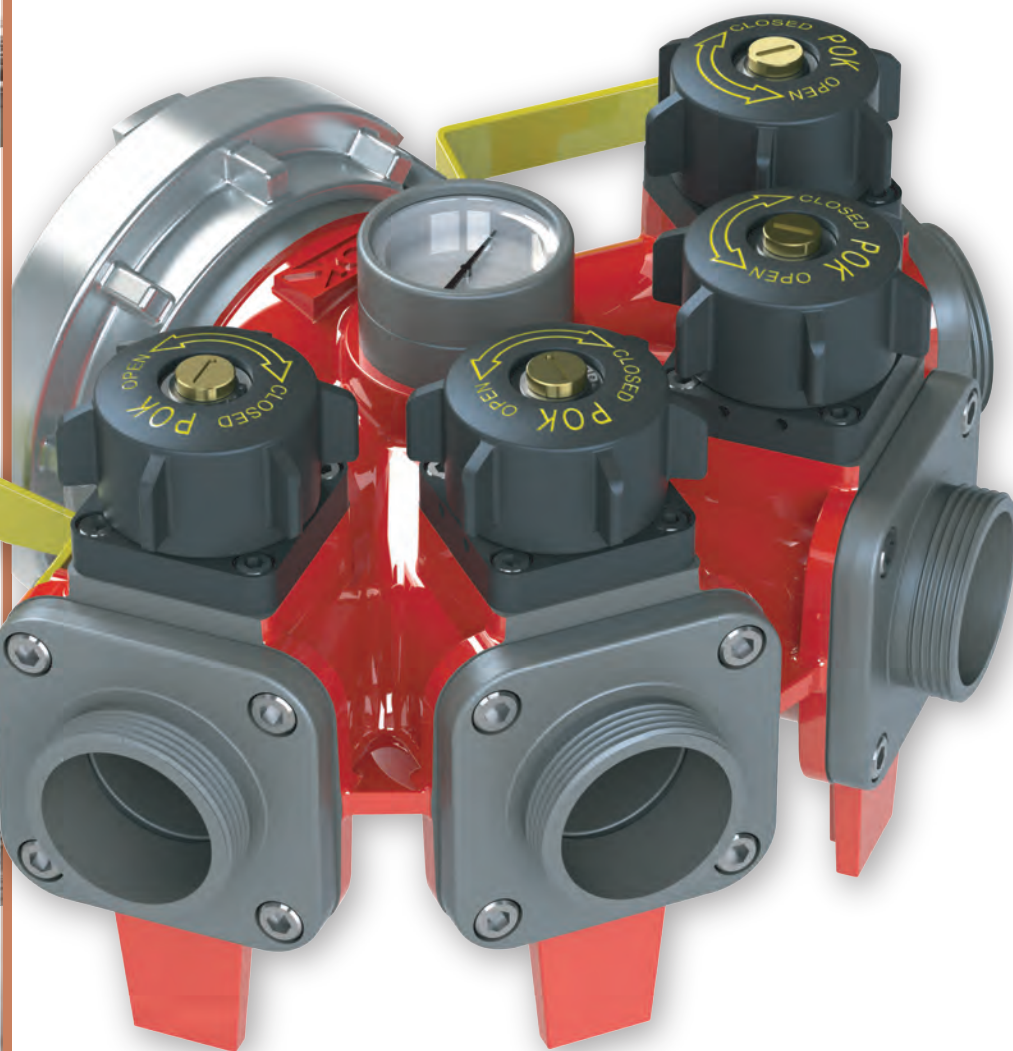
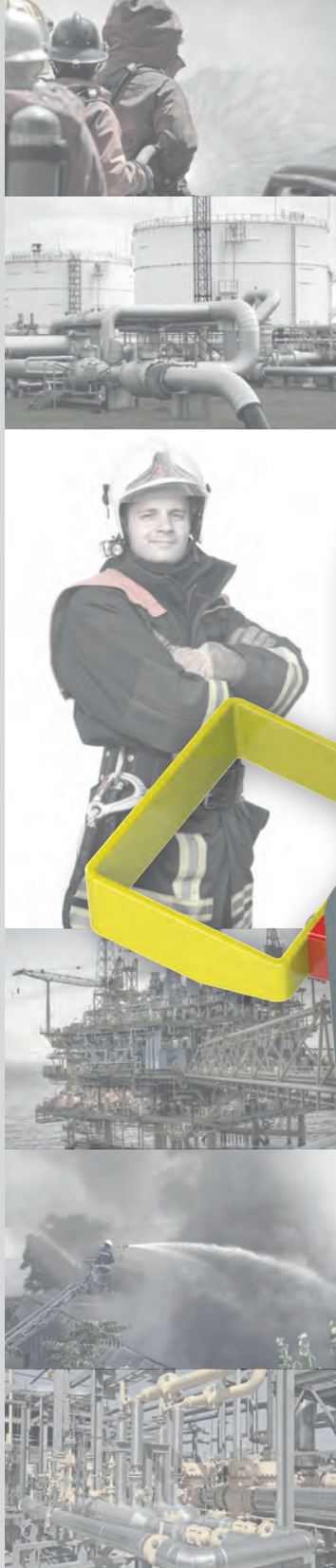
*Equips the frigates
of the Singapore Navy
of the French Navy
of the Italian Navy*

Maximum working pressure: 230 PSI
Material: stainless steel and bronze
Surface treatment: Untreated
Expansion: approx. x20 to x30

These discharge heads for fixed installations are made in stainless steel and bronze to resist to a corrosive environment. The mesh in stainless steel allows an expansion of 20 or 30.

Inlet	Water Flow rate (GPM)	Working pressure	Dimensions (inches)	Weight (lbs)	Ref.
1/2" NST-NH female	5	90	3.54 x Ø 2.4	1.50	14018.NST
3/4" NST-NH female	20	90	4.53 x Ø 2.99	1.48	12371.NST





Dividers, elbows, valves

Valves - Full waterway "MONOPOK".....	216
Valves.....	219
B-druckventil	221
Siameses - Clappered	222
Dividers without shutoff	224

Dividers (2-way) with ball valves "BIPOK"	225
Dividers (3-way) with ball valves "TRIPOK"	228
Dividers (4-way) with ball valves "QUADRIPOK"	229
Dividers (5-way) with ball valves "PENTAPOK"	230

Good modularity
Interchangeable
Parts

The "Monopok" valve is a 1/4 turn ball valve shutoff, with full waterway, made of an aluminium alloy section heat-treated. The whole is machined on a computerised and automated machine tool, which guarantees a precision and an unequalled manufacturing quality.

It is designed to be used as a suction or discharge ball valve.

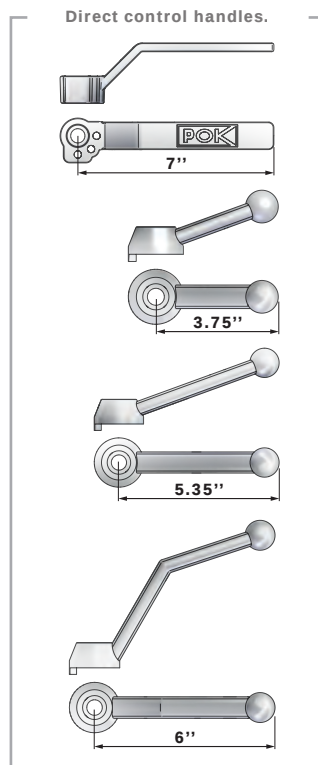
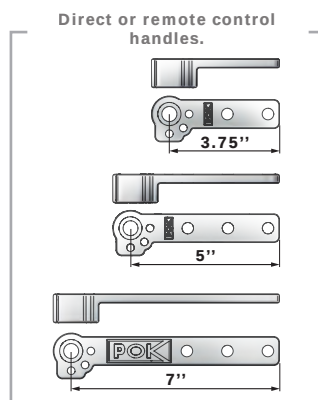
To allow you to adapt to any situation, the Monopok shutoff offers multiple configurations.

The main feature to choose is the waterway diameter: **1", 1.5", 2.5" or 3"**.

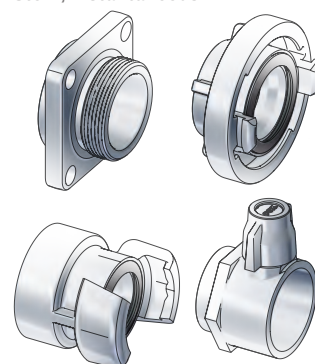
You can also choose the raw material of the ball valve: **Aluminium anodised** (as standard for the whole range), **stainless steel** or **polyamid**.

The choice of the control handle is also crucial, depending on the use of your Monopok. You can choose between the shapes and lengths (below) for a **direct control** or a **remote control**.

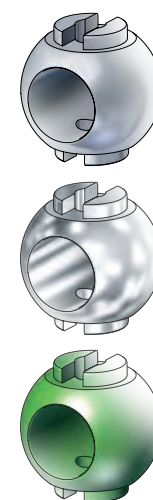
As standard, the "Monopok" valves come with BSP thread inlets and outlets but POK SAS offers a full range of couplings made according to the international standards to mount on the "Monopok" valves: NST-NH, symmetrical Guillemin couplings DN25, DN32, DN40, DN50, DN65, symmetrical DSP couplings DN40, DN50, DN65, Storz couplings D/25, C/52 or B/75, instantaneous couplings 1,5" or 2,5".



Inlets and outlets with BSP threads or with couplings manufactured according to the international standards: NST-NH, Guillemin, DSP, Storz, instantaneous...



Polyamid, aluminium anodised or stainless steel ball valves



The "Monopok" valve features outstanding technical characteristics:

- **Minimal pressure loss**
- **Low handling effort**
- **Light weight and smaller dimension design**

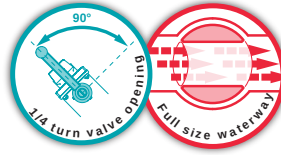
The "Monopok" valve can be fully disassembled which enables very easy maintenance by the user.

To conclude, each "Monopok" valve is assembled by a highly qualified technician and it is hydraulically tested to be sure of its perfect working order.

Valves - Full waterway "MONOPOK"



The "Monopok" valve is a 1/4 turn ball valve shutoff, with full waterway, made of an aluminium alloy section heat-treated. It is designed to be used as a suction or discharge ball valve and offers many adaptation possibilities.



Maximum working pressure: 230 PSI
Valve type: ball valve
Operation: by lever
Material: aluminium alloy
Coating: hard anodisation
Body type: cut into bar

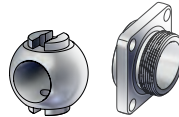
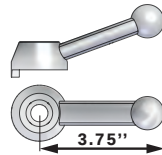
Options: inlet/outlet couplings, operating handle length, ball material.

"Monopok" 1"

Please specify the control handle type, the material of the ball valve and the type of couplings when placing the order.



Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	1" NST-NH male	1"			11749.NST



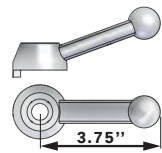
As standard, the "Monopok" 1" is delivered with a direct or remote control handle of 3.75" and a ball valve in aluminium alloy and it has 1" NST thread at the inlet and at the outlet.

"Monopok" 1.5"

Please specify the control handle type, the material of the ball valve and the type of couplings when placing the order.



Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	1.5"			11902.1.5NST



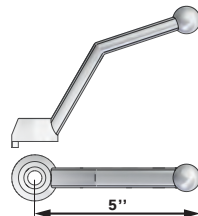
As standard, the "Monopok" 1.5" is delivered with a direct or remote control handle of 3.75" and a ball valve in aluminium alloy and it has 1.5" NST thread at the inlet and at the outlet.

"Monopok" 2.5"

Please specify the control handle type, the material of the ball valve and the type of couplings when placing the order.



Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	2.5" NST-NH male	2"			11921.NST



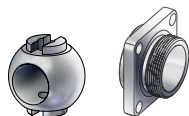
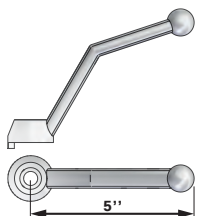
As standard, the "Monopok" 2" is delivered with a direct or remote control handle of 5" and a ball valve in aluminium alloy and it has 2.5" NST thread at the inlet and at the outlet.

"Monopok" 3"

Please specify the control handle type, the material of the ball valve and the type of couplings when placing the order.

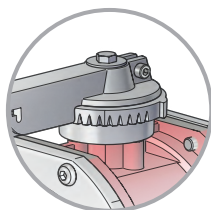


Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
3" NST-NH female	3" NST-NH male	2.5"			12024.NST



As standard, the "Monopok" 2.5" is delivered with a direct or remote control handle of 5" and a ball valve in aluminium alloy and it has 3" NST thread at the inlet and at the outlet.

"Monopok" full waterway valves - DN150



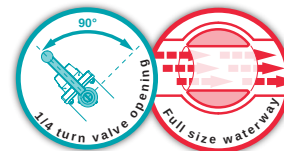
Lever with locking notches by step of 10°

Maximum working pressure: 230 PSI
Valve type: ball valve
Operation: by lever
Material: aluminium alloy
Coating: polyester coating
Body type: molded

Options: inlet/outlet couplings.

The "Monopok" valve is a full waterway shutoff with a butterfly valve, made of an aluminium alloy section with a polyester coating. The inlet and the outlet are thread 6". It is designed to be used as a suction or discharge ball valve.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
Storz 6"	Storz 6"	6"			24763



"Monopok" full waterway valves - in stainless steel

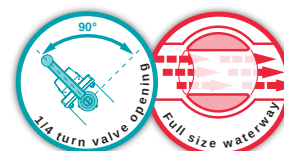


Maximum working pressure: 230 PSI
Valve type: ball valve
Operation: by lever
Material: stainless steel
Body type: cast

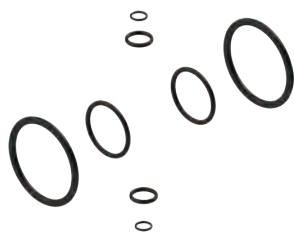
Options: inlet/outlet couplings.

These "Monopok" are full waterway ball valve shutoffs made of stainless steel. They are designed to be used as suction or discharge ball valves. They feature outstanding technical characteristics: minimal pressure loss, low handling effort, light weight and smaller dimension design. The "Monopok" shutoffs are tested one by one.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
3" NST-NH female	3" NST-NH female	3"	12.68 x 5.04 x 8.27	27.01	18836.NST
4" NST-NH female	4" NST-NH female	4"	17.48 x 8.66 x 11.1	45.19	18837.NST



Repair kit - set of gaskets

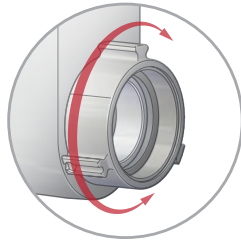


Material: nitrile

The repair kit for the "Monopok" valve includes all the gaskets which are necessary to refurbish a full waterway valve. The choice of the kit depends on the diameter of the valve waterway.

Waterway Ø (inches)	Ref.
1"	07859
1.5"	07860
2.5"	07861
3"	08350

Gated valve - aluminium alloy



Swivel inlet coupling

Maximum working pressure: 230 PSI
Valve type: gated valve
Operation: by flywheel
Material: aluminium alloy
Coating: hard anodisation
Body type: molded

Options: inlet/outlet couplings.

Highly resistant gated valve with a monobloc body made in aluminium alloy hard anodised. Metal-seated valves are not guaranteeing total waterproofness.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	2.5" NST-NH male	2.5"	5 x 4.72 x 11.3	8.16	12782



Gated valves - bronze

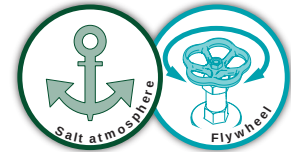


Maximum working pressure: 230 PSI
Valve type: gated valve
Operation: by flywheel
Material: bronze and stainless steel
Body type: molded

Options: inlet/outlet couplings.

Highly resistant gated valves with a monobloc body made in bronze and stainless steel. It is available with different connections: swivel inlet female thread 2.5" NST-NH - outlet male thread 2.5" NST-NH or inlet with flange 4" ASA150 - outlet male thread 2.5" NST-NH. Metal-seated valves will not guarantee total waterproofness.

Inlet	Outlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
Flange 2" ASA150	2" NST-NH male	2"	4.25 x 5.98 x 9.45	9.74	32648
2.5" NST-NH female	2.5" NST-NH male	2.5"	5 x 4.72 x 11.3		12784
Flange 4" ASA150	4.5" NST-NH male	4"	6.73 x 9.02 x 16.77	39.15	21253



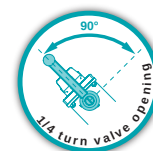
Isolating valves



Maximum working pressure: 230 PSI
Valve type: butterfly valve
Operation: by lever
Material: cast iron
Coating: rilsan coated
Body type: molded

Our range of isolating valves for connection between flanges goes from 3" to 6". The construction in cast iron with a rilsan coating makes these valves particularly resistant.

Assembly on flanges	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
3" ASA 150	3"			07404.ASA
4" ASA 150	4"			09534.ASA
6" ASA 150	6"			16641.ASA



Automatic opening valves "DELUGE VALVE"



Maximum working pressure: 230 PSI
Valve type: with clapper
Operation: by sprinkler or electrical
Material: bronze
Body type: molded

This automatic opening valve is made of bronze, up to 230 PSI. The opening of the valve can be caused by the sprinkler, which breaks when temperature comes higher than 199°F, or by the 48 volts electrical firing pin.

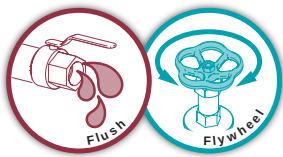
Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
Flange 2" ASA150	Flange 2" ASA150	10.47 x 3.82 x 13.35	4.01	27967



Maximum working pressure: 230 PSI
Material: aluminium alloy
Body type: molded

Conform to norm DIN 14381

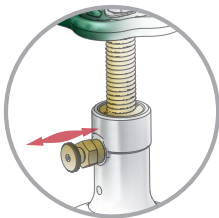
These valves made of aluminium alloy are DIN 14 381 approved. Two versions exist: square flange outlet or NST-NH thread outlet with an angle of 80°. A latch allows to unlock the wheel in order to flush the valve.



B-Druckventil 230 PSI - Outlet NST-NH thread



Outlet	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH male			28944.NST

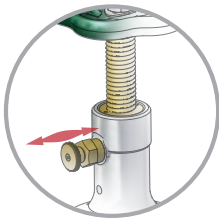


Unlocking of the flush

B-Druckventil 230 PSI - Outlet square flange



Outlet	Dimensions (inches)	Weight (lbs)	Ref.
Square flange G 80 K	5.67 x 4.88 x 8.86	4.30	28918



Unlocking of the flush

2 inlets clappered siamese with NST-NH couplings



Maximum working pressure: 230 PSI
Material: aluminium alloy
Coating: polyester coating
Body type: molded
Non-return valve: YES

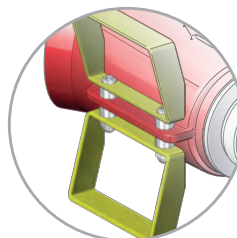
Options: inlet/outlet couplings.

Our range of clappered siamese is intended to join two fire hoses thanks to its two inlets. Its clapper allows an automatic closure in case of a water supply breaking. Primarily made of heat treated aluminium alloy. A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.

Inlets	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
2x 2.5" NST-NH female	2.5" NST-NH male	9.61 x 9.96 x 4.21	5.25	08150
2x 2.5" NST-NH female	4" NST-NH male	8.98 x 9.06 x 5.94	6.70	08151
2x 4" NST-NH female, swivel	4" NST-NH male	12.68 x 14.25 x 7.52	16.23	10942



3 inlets clappered siamese



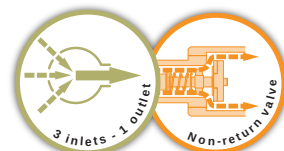
Carrying handle and stabilising feet

Maximum working pressure: 230 PSI
Material: aluminium alloy
Coating: polyester coating
Body type: molded
Non-return valve: YES

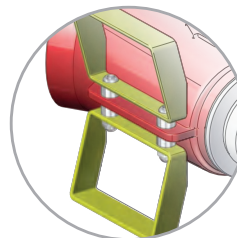
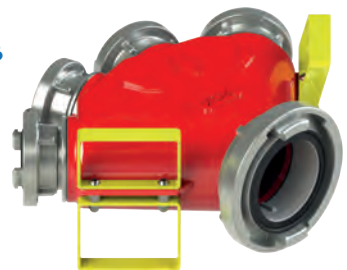
Options: inlet/outlet couplings.

Our range of clappered siamese is intended to join three fire hoses thanks to its three inlets. Its clapper allows an automatic closure in case of a water supply breaking. Primarily made of heat treated aluminium alloy. A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.

Inlets	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
3x 2.5" NST-NH female	4" NST-NH male	13.74 x 14.45 x 7.4	14.42	20352.NST
3x Storz B/75	Storz A/110			19675



4 inlets clappered siamese



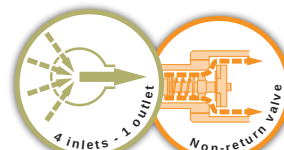
Carrying handle and stabilising feet

Maximum working pressure: 230 PSI
Material: aluminium alloy
Coating: polyester coating
Body type: molded
Non-return valve: YES

Options: inlet/outlet couplings.

Our range of clappered siamese is intended to join four fire hoses thanks to its four inlets. Its clapper allows an automatic closure in case of a water supply breaking. Primarily made of heat treated aluminium alloy. A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.

Inlets	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
4x 2.5" NST-NH female	4" NST-NH male	358 x 455 x 188	8.20	20353.NST
4x Storz B/75	Storz A/110			19659



Our range of dividers are primarily made of heat treated aluminium alloy and red polyester coating. Their main function is to split one water supply into several outlets (two, three, four and more). The flow can be controlled by the flywheel valves or by the 1/4 turn ball valve shutoffs.

These dividers have been designed to generate the least amount of pressure loss as possible and they offer several possible combinations.

All our dividers are equipped with couplings compliant with international norms:

Norm for the BSP
threads of the dividers
bodies



Norm for DSP couplings



Norm for Storz couplings

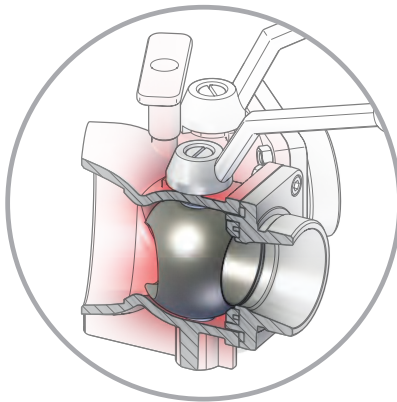


Norm for NST-NH
threads

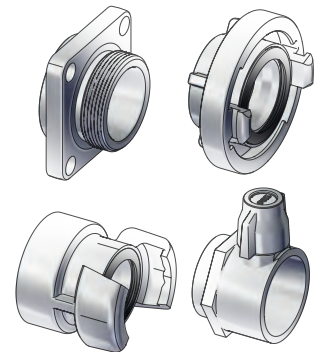


- **2 or 3-way dividers without shutoff:** This range of dividers can be adapted to a large range of couplings (DSP, Storz, Guillemin, NST-NH, etc...) and have been designed to be used without any position constraint thanks to the molded feet on both sides of the body.
- « **Bipok** » or « **Tripok** » **dividers with 1/4 turn ball valve shutoffs** allow an easy and quick handling of the flow control, without almost any pressure loss. This range is available with several different couplings configurations (DSP, Storz, Guillemin, NST-NH,...).

Ball valve shutoffs with full waterway, 1/4
turn opening and low pressure loss.



Thread inlets and outlets or with
standard couplings



Our range of dividers without shutoff are primarily made of heat treated aluminium alloy and red polyester coating.

There is almost no pressure loss thanks to its full waterway. It is fitted with base ribs or stabilising feet.

It is equipped with one inlet and two or three outlets. A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.



Maximum working pressure: 230 PSI
Material: aluminium alloy
Coating: polyester coating
Body type: molded

2-way dividers without shutoff - NST-NH or US Storz couplings



Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	2x 1.5" NST-NH male	5.67 x 5.87 x 2.72	1.52	09911
2.5" NST-NH female	2x 1.5" NST-NH male	6.65 x 5.98 x 4.41	2.58	09912
2.5" NST-NH female	2x 2.5" NST-NH male	8.31 x 8.07 x 5.91	4.10	09913
3" NST-NH female	2x 2.5" NST-NH male	12.01 x 8.19 x 5.91	4.67	09914
4" NST-NH female	2x 2.5" NST-NH male	7.8 x 8.19 x 5.91	5.58	09915
Storz DN100 / 4", swivel with catch	2x 2.5" NST-NH male	8.86 x 8.23 x 6.14	6.13	09916
Storz DN100 / 4", swivel with catch	2x 3" NST-NH male	10.31 x 10.87 x 6.14	7.85	09918
Storz DN125 / 5", swivel with catch	2x 2.5" NST-NH male	8.82 x 8.23 x 7.72	7.14	09917
Storz DN125 / 5", swivel with catch	2x 3" NST-NH male	10.16 x 10.87 x 7.72	8.86	09919
Storz DN150 / 6", with catch	2x 3" NST-NH male	8.74 x 10.08 x 8.46	10.10	09920

3-way dividers without shutoff - NST-NH or US Storz couplings



Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
3" NST-NH female, swivel	3x 2.5" NST-NH male	10.08 x 12.2 x 5.91	7.76	09925
4" NST-NH female, swivel	3x 2.5" NST-NH male	9.72 x 12.24 x 5.91	7.41	09926
Storz DN100 / 4", with catch	3x 2.5" NST-NH male	10.75 x 12.24 x 6.14	7.96	09927
Storz DN125 / 5", with catch	3x 2.5" NST-NH male	10.63 x 12.24 x 7.72	8.95	09928

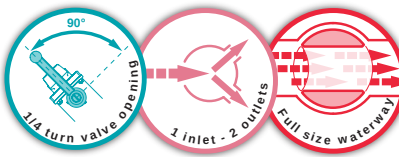


Dividers (2-way) with ball valves "BIPOK"



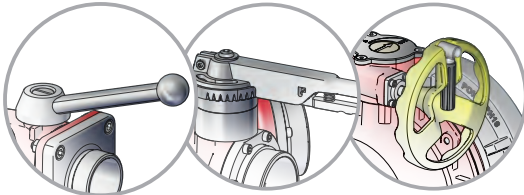
Our "Bipok" dividers are equipped with 2 ball valve shutoffs, one carrying handle and stabilising feet. There is almost no pressure loss thanks to its full waterway. A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.

Primarily made of heat treated aluminium alloy and red polyester coating.

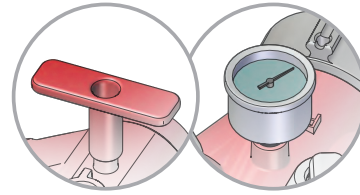


Maximum working pressure: 230 PSI
Valve type: ball valve or butterfly valve
Operation: by lever or flywheel
Material: aluminium alloy
Coating: polyester coating
Body type: molded

Options: inlet/outlet couplings, pressure gauge.



Depending on the outlet diameter of the waterway, handles are with or without indexed notches, and with or without unlocking levers, or with worm screw knobs for 8" and 10".



Depending on preferences, the dividers can be assembled with carrying handles or pressure gauges.

2-way dividers with ball or butterfly valves - Storz couplings

Storz swivel couplings and/or with catch on request, 8" and 10" comes with pressure regulating valve and pressure gauge



Inlet	Outlets	Optional pressure gauge	Dimensions (inches)	Weight (lbs)	Ref.
Storz DN150 / 6"	2x Storz DN100 / 4"	-	15.16 x 22.87 x 10.16	31.77	09086.DN100
Storz DN205 / 8"	2x Storz DN205 / 8"	-	22.91 x 26.5 x 18.74	116.40	37009
Storz DN250 / 10"	2x Storz DN250 / 10"	-		125.66	37006

2-way dividers with ball or butterfly valves - US Storz or NST-NH couplings

Storz swivel couplings and/or with catch on request



Inlet	Outlets	Optional pressure gauge	Dimensions (inches)	Weight (lbs)	Ref.
Storz DN100 / 4", swivel	2x 2.5" NST-NH male	•	11.5 x 8.54 x 8.78	10.63	09898
Storz DN100 / 4", swivel	2x 3" NST-NH male	•	11.5 x 9.06 x 8.78	11.46	09900
Storz DN100 / 4", swivel	2x Storz DN100 / 4"	-	17.68 x 15.87 x 11.22	30.12	09903
Storz DN125 / 5", swivel with catch	2x 2.5" NST-NH male	•	11.38 x 8.54 x 9.57	11.68	09899
Storz DN125 / 5", swivel with catch	2x 3" NST-NH male	•	11.38 x 9.06 x 9.57	12.52	09901
Storz DN125 / 5", swivel with catch	2x Storz DN100 / 4"	-	17.56 x 15.87 x 11.34	28.97	09904
Storz DN150 / 6", with catch	2x 3" NST-NH male	-	15.16 x 22.87 x 10.16	31.37	09902
Storz DN150 / 6"	2x Storz DN100 / 4"	-	15.16 x 22.87 x 10.16	29.85	09905
Storz DN150 / 6"	2x Storz DN150 / 6"	•	19.72 x 22.28 x 12.91	78.70	25020

2-way dividers with ball valves - NST-NH couplings



Inlet	Outlets	Optional pressure gauge	Dimensions (inches)	Weight (lbs)	Ref.
1" NST-NH female	2x 1" NST-NH male	-	7.87 x 6.02 x 5.67	3.70	02769
1.5" NST-NH female	2x 1" NST-NH male	-	7.8 x 6.02 x 5.67	3.73	02770
1.5" NST-NH female	2x 1.5" NST-NH male	•	9.09 x 7.2 x 6.73	5.27	02171
2.5" NST-NH female	2x 1.5" NST-NH male	•	8.9 x 7.2 x 6.73	5.31	09866
2.5" NST-NH female	2x 2.5" NST-NH male	•	11.06 x 8.54 x 8.58	7.63	02772
3" NST-NH female	2x 2.5" NST-NH male	•	10.55 x 8.54 x 8.66	9.59	09893
4" NST-NH female	2x 2.5" NST-NH male	•	10.51 x 8.54 x 9.02	10.12	02768

2-way dividers with ball valves - with pressure gauge



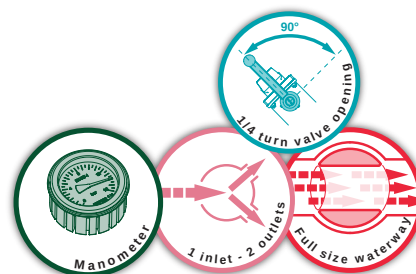
Maximum working pressure: 230 PSI
Valve type: ball valve
Operation: by lever
Material: aluminium alloy
Coating: polyester coating
Body type: molded
Pressure gauge: YES

Options: inlet/outlet couplings.

These "Bipok" dividers are equipped with ball valve shutoffs, one pressure gauge, and stabilising feet.

There is almost no pressure loss thanks to its full waterway. A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.

Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	2x 1.5" NST-NH male	8.9 x 7.2 x 6.73	5.73	13300
2.5" NST-NH female	2x 2.5" NST-NH male	11.06 x 8.54 x 8.58	6.39	13304



Dividers (2-way) with ball valves "BIPOK"



2-way dividers with ball valves - US Navy "BIPOK"



This divider equips
US Navy
Homologation nato
4210-00-255-0234

Maximum working pressure: 230 PSI
Valve type: ball valve
Operation: by lever
Material: bronze and stainless steel
Body type: molded

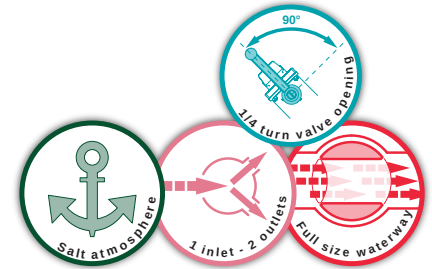
Options: inlet/outlet couplings.

Our divider « US NAVY Bipok » is made of bronze.

It is equipped with two ball valve shutoffs and stabilising feet. There is almost no pressure loss thanks to its full waterway.

It is equipped with one inlet female threaded 2.5" NST-NH and two outlets male threaded 1.5" NPSH. This divider equips the US Navy: 481 units ordered in 2007.

Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
2.5" NST-NH female	2x 1.5" NPSH male	7.24 x 7.13 x 4.92	7.39	17030



Our Tripok are made to split one supply into several hoses supply through its three outlets.

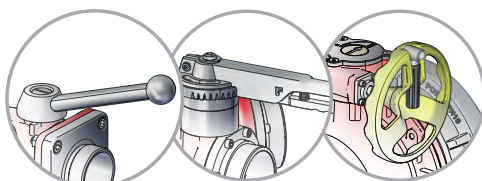
It is equipped with three ball valve shutoffs, one carrying handle and stabilising feet. There is almost no pressure loss thanks to its full waterway. A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.

Primarily made of heat treated aluminium alloy and red polyester coating.

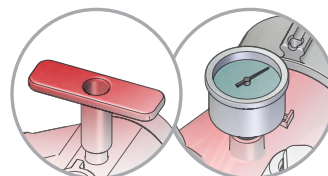


Maximum working pressure: 230 PSI
Valve type: ball valve or butterfly valve
Operation: by lever or flywheel
Material: aluminium alloy
Coating: polyester coating
Body type: molded

Options: inlet/outlet couplings, pressure gauge, pressure regulation.



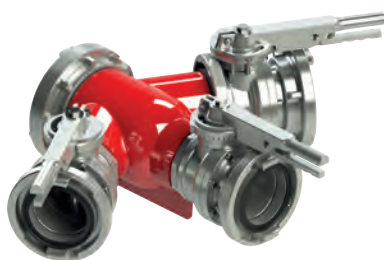
Depending on the outlet diameter of the waterway, handle are with or without indexed notches, and with or without unlocking levers, or with worm screw knobs for 8" and 10".



Depending on preferences, the dividers can be assembled with carrying handles or pressure gauges.

3-way dividers with ball or butterfly valves - US Storz or NST-NH couplings

Storz swivel couplings and / or with catch on request



Inlet	Outlets	Optional pressure gauge	Dimensions (inches)	Weight (lbs)	Ref.
Storz DN100 / 4", swivel with catch	3x 2.5" NST-NH male	•	13.27 x 14.06 x 8.74	14.24	09906
Storz DN100 / 4", swivel with catch	3x Storz DN100 / 4"	-	22.91 x 30.39 x 9.06	41.89	09908
Storz DN125 / 5", swivel with catch	3x 2.5" NST-NH male	•	13.15 x 14.06 x 9.53	15.23	09907
Storz DN125 / 5", swivel with catch	3x Storz DN100 / 4"	-	22.8 x 30.39 x 9.84	42.90	09909
Storz DN150 / 6", with catch	3x Storz DN100 / 4"	-	24.76 x 30.39 x 10.63	46.96	09910

3-way dividers with ball valves - NST-NH couplings

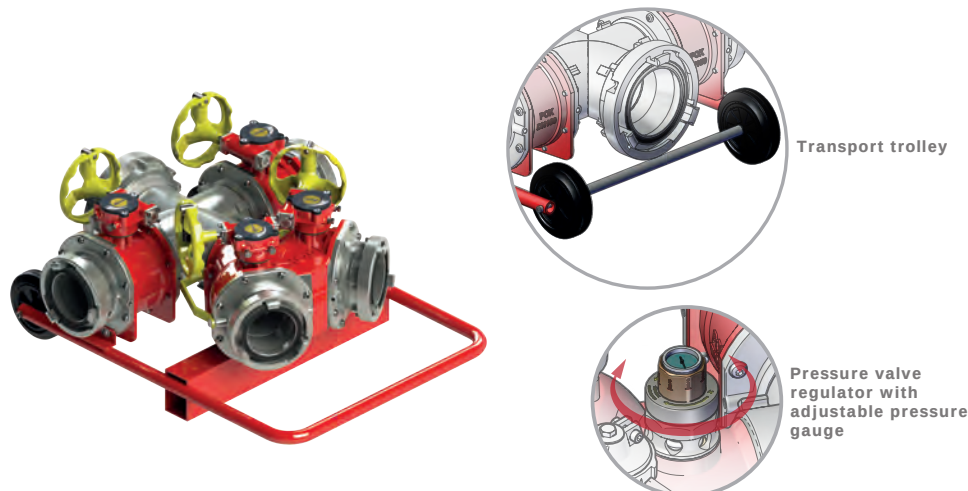


Inlet	Outlets	Optional pressure gauge	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1x 1.5" NST-NH male 2x 1" NST-NH male	•	9.17 x 10.79 x 6.22	6.08	08377
2.5" NST-NH female	1x 2.5" NST-NH male 2x 1.5" NST-NH male	•	12.09 x 14.49 x 8.58	9.22	09894
2.5" NST-NH female	3x 2.5" NST-NH male	•	14.21 x 14.06 x 8.62	12.94	09895
3" NST-NH female	3x 2.5" NST-NH male	•	12.6 x 14.06 x 8.62	14.07	09896
4" NST-NH female	3x 2.5" NST-NH male	•	12.32 x 14.06 x 8.62	13.76	09897

Dividers (4-way) with ball valves "QUADRIPOK"



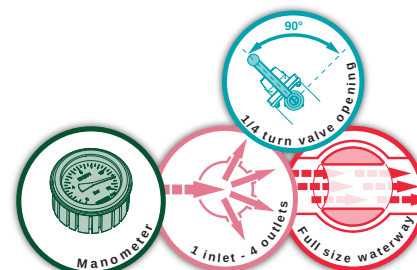
4-way dividers with ball valves, with transport trolley



Maximum working pressure: 230 PSI
Valve type: ball valve
Operation: by handwheel
Material: aluminium alloy
Coating: polyester coating
Body type: molded
Pressure gauge: YES

Options: inlet/outlet couplings, pressure gauge, pressure regulation.

Our divider "Quadripok" has four outlets equipped with ball valve shutoffs. It allows to split one supply into several outlets. There is almost no pressure loss thanks to its full waterway. It is equipped with stabilising feet and a pressure gauge. It is delivered with a transport trolley which allows one to move without any effort. A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.



Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
6" NST-NH female Storz DN200 / 8"	4x 6" NST-NH male 4x Storz DN150 / 6"	41.1 x 34.96 x 17.52	190.15	37055.NST 27048

4-way dividers with ball valves, with torque reducers

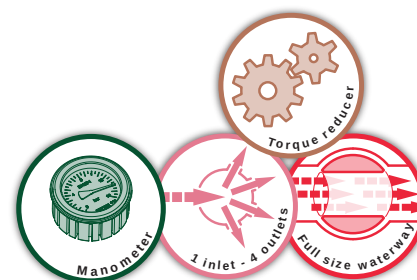


Maximum working pressure: 230 PSI
Valve type: ball valve
Operation: by flywheel
Material: aluminium alloy
Coating: polyester coating
Body type: molded
Pressure gauge: YES

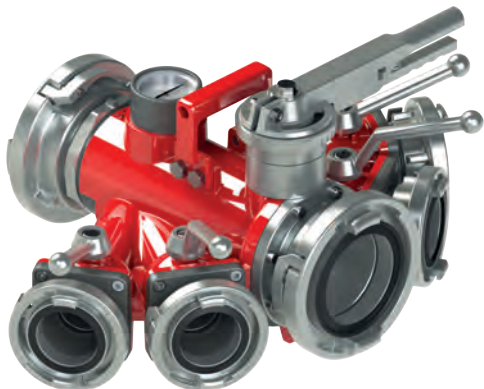
Options: inlet/outlet couplings, pressure gauge, pressure regulation.

Our divider "Quadripok" has four outlets equipped with ball valve shutoffs having the particularity to have a progressive opening. This POK innovation offers all the advantages of a 1/4 turn ball valve divider, with low pressure loss, and also the advantages of a divider with flywheel valves with its progressive opening, avoiding water hammers. There is almost no pressure loss thanks to its full waterway. It is equipped with two carrying handles, stabilising feet and a pressure gauge. A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.

Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
6" NST-NH female Storz DN150 / 6"	4x 3" NST-NH male 4x Storz B/75 / 3"			28752.NST 28766.Storz



5-way dividers with ball or butterfly valves



Our divider "Pentapok" has five outlets equipped with ball valve shutoffs and a butterfly valve. It allows to split one supply into five.

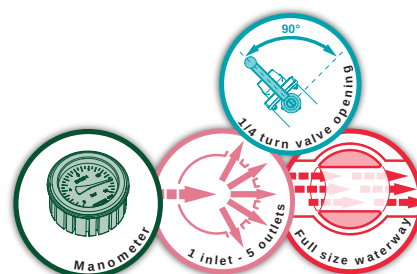
There is almost no pressure loss thanks to its full waterway. It is equipped with stabilising feet and a pressure gauge.

A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.

Maximum working pressure: 230 PSI
Valve type: ball valve or butterfly valve
Operation: by lever
Material: aluminium alloy
Coating: polyester coating
Body type: molded
Pressure gauge: YES

Options: inlet/outlet couplings, pressure gauge, pressure regulation.

Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
4" NST-NH female	1x 4" NST-NH male, 4x 2.5" NST-NH male	21.18 x 23.9 x 11.54	33.16	18463
Storz DN100 / 4", swivel with catch	1x Storz DN100 / 4", 4x 2.5" NST-NH male	22.17 x 23.9 x 11.54	33.91	18464
Storz A/110, with catch	1x Storz A/110, 4x Storz B/75	20.67 x 23.9 x 11.54	38.36	14689
Storz A/110, with catch	1x Storz A/110, with catch 4x Storz B/75, with catch	22.6 x 23.9 x 11.54	39.86	14689.AV
Storz DN125 / 5", swivel with catch	1x Storz DN125 / 5", 4x Storz DN65 / 2.5"	22.05 x 23.9 x 11.54	46.43	18468



5-way dividers with ball valves, with one torque reducer



This divider "Pentapok" has five outlets equipped with ball valve shutoffs and a butterfly valve. The middle outlet is equipped with a torque reducer for a progressive opening.

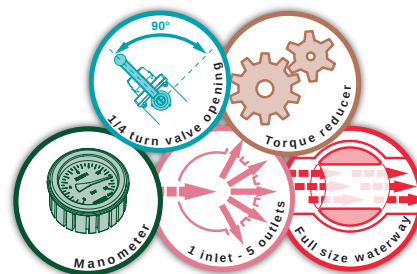
It allows to split one supply into five. There is almost no pressure loss thanks to its full waterway. It is equipped with stabilising feet, a pressure gauge and pressure regulating valve.

A large number of in and outlet connections can be provided: threaded BSP or NST-NH, or standardised couplings.

Maximum working pressure: 230 PSI
Valve type: ball valve or butterfly valve
Operation: by lever and flywheel
Material: aluminium alloy
Coating: polyester coating
Body type: molded
Pressure gauge: YES

Options: inlet/outlet couplings, pressure gauge, pressure regulation.

Inlet	Outlets	Dimensions (inches)	Weight (lbs)	Ref.
Storz DN205	1x Storz DN205 4x Storz B/75	26.38 x 22.64 x 18.9	97.00	37324
Storz DN250	1x Storz DN250 4x Storz B/75	26.38 x 25.39 x 18.9	108.03	37325



Operating long handle

for 2.5" ball valve shutoff



Dimensions (inches)	Weight (lbs)	Ref.
172 x 42 x 129	0,16	02861

Operating handle for US Navy "BIPOK"



Dimensions (inches)	Weight (lbs)	Material	Ref.
138 x 45 x 38	0,26	Stainless steel	17038
138 x 45 x 38	0,05	Composite	30969

Carrying handle for divider



Dimensions (inches)	Weight (lbs)	Ref.
90 x 28 x 50	0,07	03170

Repair kit for divider

The repair kit includes inlet and outlet couplings, gaskets, handle for ball valve and screws

Description	Ref.
Kit for divider "BIPOK" 1/4 turn ball - 1x 1.5" NST-NH female / 2x 1" NST-NH male	01690.NST
Kit for divider "BIPOK" 1/4 turn ball - 1x 2.5" NST-NH female / 2x 1.5" NST-NH male	01691.NST
Kit for divider "BIPOK" 1/4 turn ball - 1x 4" NST-NH female / 2x 2.5" NST-NH male	01693.NST
Kit for divider "BIPOK" 1/4 turn ball - 1x 4" NST-NH female / 2x 4" NST-NH male	01694.NST
Kit for divider "TRIPOK" 1/4 turn ball - 1x 1.5" NST-NH female / 1x 1.5" NST-NH male - 2x 1" NST-NH male	01695.NST
Kit for divider "TRIPOK" 1/4 turn ball - 1x 2.5" NST-NH female / 1x 2.5" NST-NH male - 2x 1.5" NST-NH male	01697.NST
Kit for divider "TRIPOK" 1/4 turn ball - 1x 2.5" NST-NH female / 3x 1.5" NST-NH male	01698.NST
Kit for divider "TRIPOK" 1/4 turn ball - 1x 4" NST-NH female / 1x 4" NST-NH male - 2x 2.5" NST-NH male	01699.NST
Kit for divider "TRIPOK" 1/4 turn ball - 1x 4" NST-NH female / 3x 2.5" NST-NH male	01686.NST







Pumps, fans, motors, strainers

Strainers	234
Strainers - Accessories	236
Filters	237
Turbo-motors - High speed, hydraulic.....	238

Turbo-pumps	239
Hydro-ejectors	240
Fans	241
Ducts for fire brigades.....	242

Strainers without non return valve with aluminium barrel



Outlet	Dimensions (inches)	Weight (lbs)	Ref.
Storz DN100			13223
Storz DN125		6.83	08959
Storz DN150		8.11	08960
1.5" NST-NH female	3.03 x 3.03 x 4.8	0.55	08956
1.5" NPSH female		0.55	13087
2.5" NST-NH female			08957
4" NST-NH female	6.61 x 6.61 x 11.77	6.50	08958
4" BSRT female	7.83 x 7.83 x 12.05	7.10	13230

Strainers without non return valve with polyethylene barrel



Description	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female			08961
1.5" NPSH female			13226
2.5" NST-NH female			08962
4" NST-NH female	6.61 x 6.61 x 7.09	4.98	08963

Strainers without non return valve



Description	Mesh material	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	Stainless steel	7.87 x 7.87 x 2.4	2.76	07503.NST
2" NST-NH female	Stainless steel	7.87 x 7.87 x 2.4	2.73	07504.NST
2.5" NST-NH female	Stainless steel	7.87 x 7.87 x 2.4	2.67	07505.NST
4" NST-NH female	Stainless steel	9.37 x 9.37 x 5.16	4.76	07506.NST

Strainers with non return valve and drain system



TÜV certificate
Number PVR 1/03

Description	Mesh material	Dimensions (inches)	Weight (lbs)	Ref.
Storz C/52	Stainless steel	148 x 148 x 181	1,71	07982
Storz B/75	Stainless steel	198 x 198 x 215	3,08	07983
Storz A/110 (TÜV PVR 1/03)	Zinc steel	232 x 232 x 249	6,20	07984
Storz A/110	Polypropylene	232 x 232 x 251	5,89	07984.POLY

Strainers with non return valve and drain system



Description	Mesh material	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	Stainless steel			08901
2.5" NST-NH female	Stainless steel			08902
4" NST-NH female	Zinc steel			08903

Strainers with handle, non return valve and drain system



Description	Mesh material	Dimensions (inches)	Weight (lbs)	Ref.
Storz DN100	Zinc steel			29479.Storz100
Storz DN125	Zinc steel	11.42 x 12.6 x 11.97	26.17	31481
Storz DN150	Zinc steel	13.7 x 14.17 x 13.62	27.93	31538



Hamper



Description	Weight (lbs)	Ref.
Hamper (protective basket for strainers, made with steel mesh)		02064

Floats for strainers



Description	Weight (lbs)	Ref.
Polyethylene floats for strainers		03280



Stainless steel filters



Description	Weight (lbs)	Ref.
Filter DN25 (1")	0.07	01449
Filter DN40 (1.5")	0.11	10794
Filter DN50 (2")	0.11	11834
Filter DN65 (2.5")	0.18	10795
Filter DN65, thread ISO M70 x 150 male	0.13	01414
Filter DN100, thread ISO M102 x 200 male	0.40	13645



Hydraulic turbo-motor 4 kW



The shafts of the high speed hydraulic motors are manufactured from titanium and are individually calibrated.

Patented system

Gustaf de Laval patent

**n° 3356, dated
July 02 1889,
Ref. 197877**

Patented system

Rateau patent

**n° 3632, dated
July 27 1894,
Ref. 238243**

Maximum working pressure: 230 PSI
Material : aluminium alloy
Surface treatment : hard anodised
Shaft diameter : 0.75"
Shaft length : 1.7"
Flow rate : 70 gpm
Max. rotation speed : 15000 r/min
Fixation : 4 holes ISO M5 x 100

Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	4.72 x 8.7 x 9.92	12.26	10614.NST

On your order, please specify the rotation, clockwise or anti-clockwise (the direction of rotation is determined by facing the shaft)

Hydraulic turbo-motor 9 kW



The shafts of the high speed hydraulic motors are manufactured from titanium and are individually calibrated.

Patented system

Gustaf de Laval patent

**n° 3356, dated
July 02 1889,
Ref. 197877**

Patented system

Rateau patent

**n° 3632, dated
July 27 1894,
Ref. 238243**

Maximum working pressure: 230 PSI
Material : aluminium alloy
Surface treatment : hard anodised
Shaft diameter : 1.1"
Shaft length : 2.36"
Flow rate : 130 gpm
Max. rotation speed : 9000 r/min
Fixation : 4 holes ISO M8 x 130

Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	6.5 x 11.38 x 11.85	22.47	10615.NST

On your order, please specify the rotation, clockwise or anti-clockwise (the direction of rotation is determined by facing the shaft)



Turbo-pump 3800 ft³/h



The turbo-pump is used to transfer water from one location to another. By supplying pressurized water at the inlet, the turbine rotates and drives the wheel simultaneously. The water is sucked by the wheel and discharged.

Inlet turbine	Outlet turbine	Outlet evacuation	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	2" NST-NH male			00691.NST
2.5" NST-NH female	2.5" NST-NH male	2.5" NST-NH male			09442.NST
Storz DN65	Storz DN65	Storz DN65			00651.StorzDN65



Hydro-ejectors to empty basements



Made of aluminium alloy that undergoes a thermic treatment.

The hydro ejectors are designed to evacuate or supply water via the ventury effect. The portion of the pressurized water in the converging and diverging pipes creates a vacuum that causes the suction of the liquid to be discharged. A non-return valve, mounted at the base of the apparatus prevents priming. A filter screen of 1/4 inch prevents the suction of impurities or pebbles.

A flush with a ring allows the drain at a distance of the column after use.

Several holes allow the attachment of the device with a rope to ensure safety. The amount of water that is available to evacuate in a given period of time depends on:

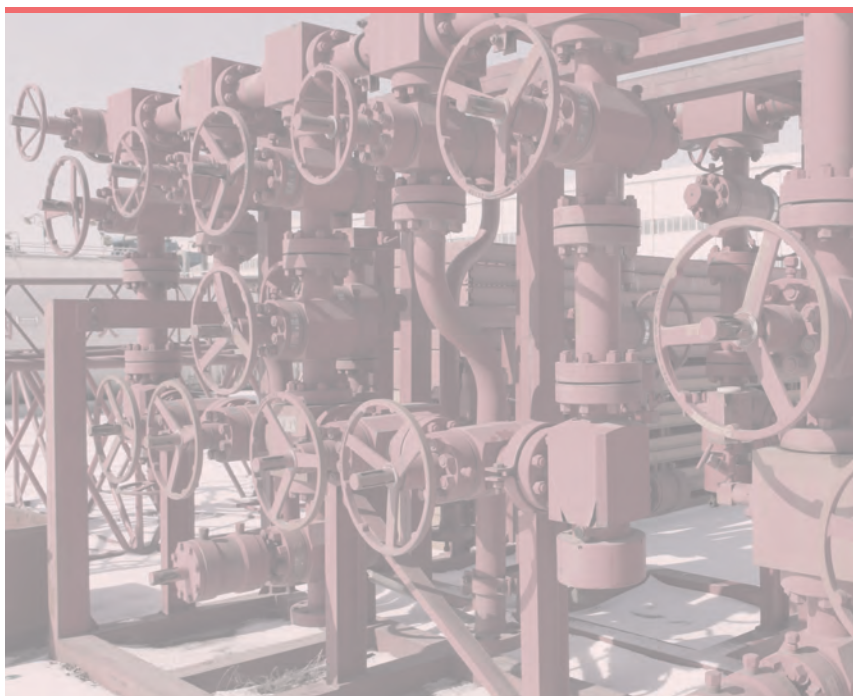
- motive water pressure at the inlet of the device
- the geometric height of discharge (difference of the level between the water to be evacuated and the outlet of the discharge pipe).

Description	Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
Hydro-ejectors without non-return valve	1.5" NST-NH female	2.5" NST-NH male	7.87 x 7.87 x 19.37	8.55	03032.NST
Hydro-ejectors with non-return valve and flush	1.5" NST-NH female	2.5" NST-NH male	9.65 x 7.87 x 22.28	12.83	03286.NST

Hydro-ejectors for large flow rates



Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
1.5" NST-NH female	4" NST-NH male		18.45	16042
2.5" NST-NH female	4" NST-NH male			16043



Mistral 12"



Operates under positive pressure and smoke extraction. This fan is equipped at the inlet and outlet with couplings "ZAG" 12", manufactured following the norm NF S 61-707. The air flow of positive pressure is 165,000 ft³/h with a motive water pressure of 230 PSI and a flow rate of 70 GPM. The inlet and outlet water connections are equipped with 1.5" NST-NH couplings. A stainless steel filter protects the turbine. Power: 4 kW

Description	Inlet	Outlet	Dimensions (inches)	Weight (lbs)	Ref.
Mistral 300 fan	1.5" NST-NH female	1.5" NST-NH male	16.61 x 13.31 x 16.06	39.02	11521

Water mist Head



Description	Dimensions (inches)	Weight (lbs)	Ref.
Water mist Head, inlet with Storz D/25	Ø 2.17 x 4.33	0.53	13204

Multiplicator flow for Mistral fan 12"



Description	Dimensions (inches)	Weight (lbs)	Ref.
Multiplicator flow with Zag coupling		17.31	13205



Suction delivery ducts with ventilation couplings



Construction: Reinforced polyurethane with steel wire. Couplings in primary aluminum alloy heat treated, identical at the inlet and at the outlet.

Description	Weight (lbs)	Ref.
Suction duct length 7", 10 ft		01490
Suction duct length 7", 16 ft		01491
Suction duct length 12", 10 ft		01492
Suction duct length 12", 16 ft		01493
Suction duct length 12", 33 ft		09800
Suction duct length 20", 16 ft		01494
Suction duct length 20", 33 ft		09768

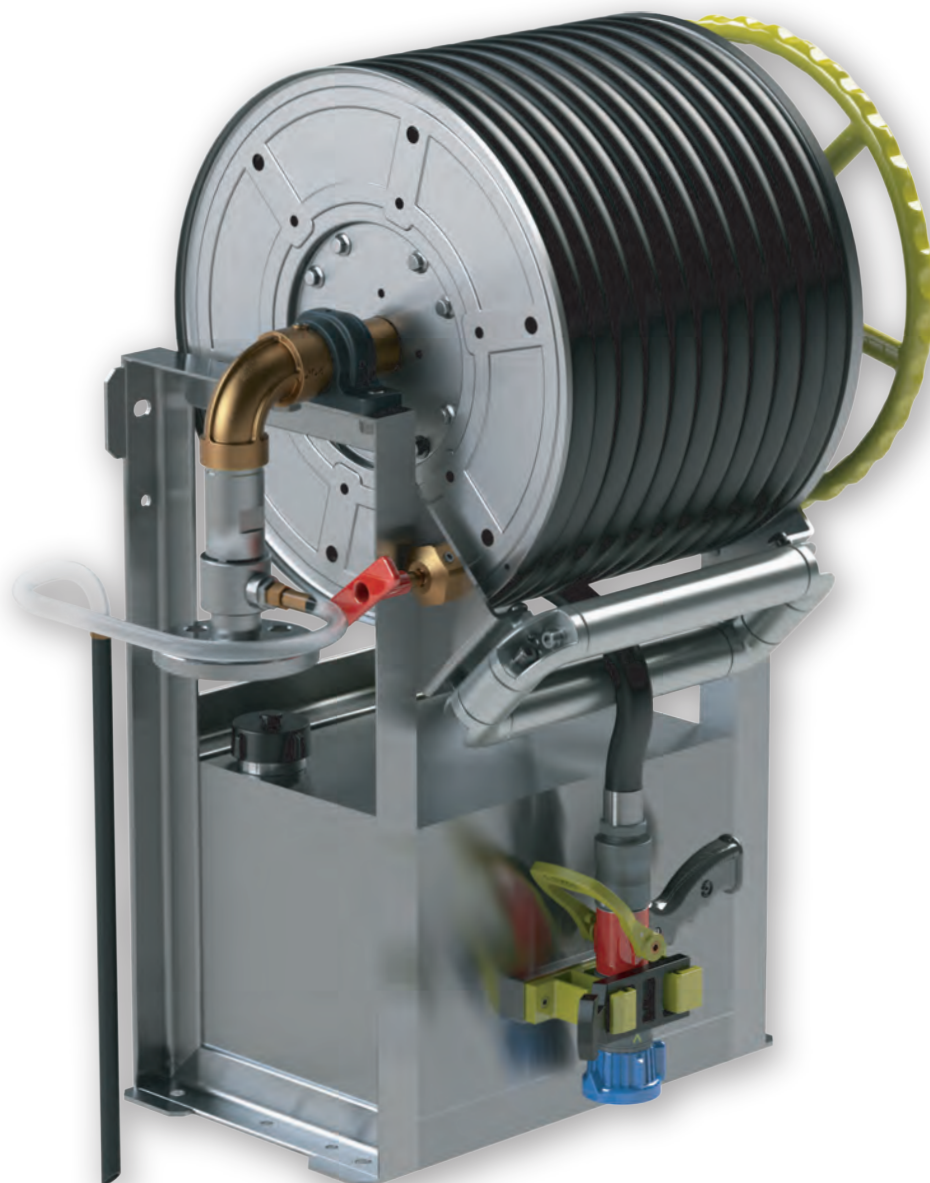
Delivery ducts with ventilation couplings



Construction : polyethylene bumper. Couplings in primary aluminum alloy heat treated.

Description	Weight (lbs)	Ref.
Delivery duct with ventilation couplings 12", 33 ft		09801
Delivery duct with ventilation couplings 12", 100 ft		09802
Delivery duct with ventilation couplings 20", 33 ft		09803
Delivery duct with ventilation couplings 20", 100 ft		09804



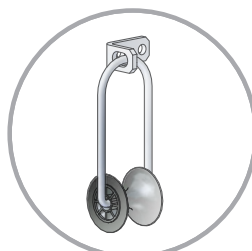


Hose reels, foam stations

Hose reels conform to norm EN 671-1	244
European diffusers	248
Hose reels - Accessories	249
Hose reels - Swinging rotating in stainless steel	250
Hose reels - Foam adaptation kit	252
Hose reels - With foam extension	253
Accessories	254

Hose reels - Rewinders and compact ones	256
Hose reels conform to norm NF S 61-522	258
Hose guides for hose reels	262
Hose reels - Fixed in stainless steel	264
Hose guides for hose reels in stainless steel	265
Foam hose reels for vessels	266

Rotating - Fixed - Without hose



Hose reel supplied with orientor hose guide

Maximum working pressure:

1"1/3 : 100 PSI

1" : 170 PSI

3/4" : 170 PSI

Material: steel and aluminium alloy

Surface treatment: polyester coated

Shutoff: with ball valve

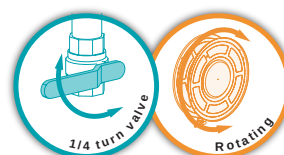
Options: mounting support, cover

Our rotating fixed hose reels for wall installation are made for narrow places: corridor, niche, cabinets...

There are 3 diameters possible: 0.75", 1", and 1.33" which provide flow rates adapted to the places to protect. Our hose reels have a capacity of 100 feet long of semi-rigid hoses (hose not included). They are equipped with a 1/4 turn shutoff, allowing a fast opening and closing.

Inlet is male thread 0.75", female thread 1" or female thread 1.5", depending on the model. Made of steel and aluminium, with red painting.

Hose capacity	Inlet	Dimensions (inches)	Weight (lbs)	Ref.
1.33" - 100 ft	1"1/2 BSP female	25 x 14.49 x 28.66	38.58	11335
1" - 100 ft	1" BSP female	25 x 9.09 x 28.07	35.27	11323
0.75" - 100 ft	3/4" BSP male	25 x 8.15 x 27.44	18.74	11322

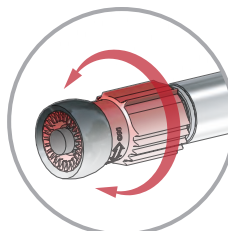


Rotating - Fixed - With hose and diffuser

Conform to norm
EN 671-1



Hose reel supplied with orientor hose guide



Three positions European diffuser: closed, wide spray angle, straight jet, with anti-shock bumper



Our rotating fixed hose reels for wall installation are mainly made for narrow places: corridor, niche, cabinets...

There are 3 diameters possible: 0.75", 1", and 1.33" which provide flow rates adapted to the places to protect. Our hose reels have a capacity of 65 or 100 feet long of semi-rigid hoses. They are equipped with a 1/4 turn shutoff, allowing a fast opening and closing.

Inlet is male thread 0.75", female thread 1" or female thread 1.5", depending on the model. Outlet by three positions European diffuser: closed, wide spray angle, straight jet, with anti-shock bumper.

Made of steel and aluminium, with red painting. In compliance with European norm EN 671-1.

Hose capacity	Inlet	Norm	Dimensions (inches)	Weight (lbs)	Ref.
1.33" - 100 ft	1"1/2 BSP female	CE 0333	25 x 14.49 x 28.66	85.98	08341
1.33" - 65 ft	1"1/2 BSP female	CE 0333	25 x 14.49 x 28.66	70.55	12523
1" - 100 ft	1" BSP female	CE 0333 / NF EN 671-1	25 x 9.09 x 28.07	63.93	08340
1" - 65 ft	1" BSP female	CE 0333 / NF EN 671-1	25 x 9.09 x 28.07	55.12	12521
0.75" - 100 ft	3/4" BSP male		25 x 8.15 x 27.44	38.58	08339
0.75" - 65 ft	3/4" BSP male		25 x 8.15 x 27.44	31.97	12507

Maximum working pressure:

1"1/3 : 100 PSI

1" : 170 PSI

3/4" : 170 PSI

Material: steel and aluminium alloy

Surface treatment: polyester coated

Shutoff: with ball valve

Options: mounting support, cover



Rotating - Swinging - Without hose - 0.75" and 1"



Maximum working pressure:

1" : 170 PSI
3/4" : 170 PSI

Material: steel and aluminium alloy
Surface treatment: polyester coated
Shutoff: with ball valve

Options: mounting support, cabinet, cover

Our rotating swinging hose reels 0.75" and 1" for wall installation have the advantage to rotate easily 180°.

Our hose reels have a capacity of 100 feet long of semi-rigid hoses (hose not included).

They are equipped with a 1/4 turn shutoff, allowing a fast opening and closing.

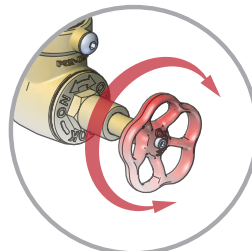
Inlet is male thread 0.75", or 1", depending on the model.

Made of steel and aluminium, with red painting.



Hose capacity	Inlet	Norm	Dimensions (inches)	Weight (lbs)	Ref.
1" - 100 ft	1" BSP male		27.52 x 8.62 x 30.28	41.89	12630
0.75" - 100 ft	3/4" BSP male			37.48	28519

Rotating - Swinging - Without hose - 1.33"



Orientable handwheel shutoff, allowing progressive opening

Maximum working pressure:

1"1/3 : 100 PSI

Material: steel and aluminium alloy
Surface treatment: polyester coated
Shutoff: with handwheel shutoff

Options: mounting support, cabinet, cover

Our rotating swinging hose reels 1.33" for wall installation have the advantage to rotate easily 180°.

Our hose reels have a capacity of 100 feet long of semi-rigid hoses (hose not included).

They are equipped with handwheel shutoff, allowing progressive opening.

Inlet is male thread 1.5".

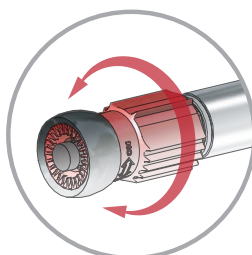
Made of steel and aluminium, with red painting.



Hose capacity	Inlet	Norm	Dimensions (inches)	Weight (lbs)	Ref.
1.33" - 100 ft	1"1/2 BSP male		27.17 x 13.78 x 31.02	72.75	11720

Rotating - Swinging - With hose and diffuser - 0.75" and 1"

Conform to norm
EN 671-1



Three positions European diffuser: closed, wide spray angle, straight jet, with anti-shock bumper

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Our rotating swinging hose reels 0.75" and 1" for wall installation have the advantage to rotate easily 180°.

Our hose reels have a capacity of 65 or 100 feet long of semi-rigid hoses. They are equipped with a 1/4 turn shutoff, allowing a fast opening and closing.

Inlet is male thread 0.75" or 1", depending on the model. Outlet by three positions European diffuser: closed, wide spray angle, straight jet, with anti-shock bumper.

Made of steel and aluminium, with red painting. In compliance with European norm EN 671-1.

Maximum working pressure:

1" : 170 PSI

3/4" : 170 PSI

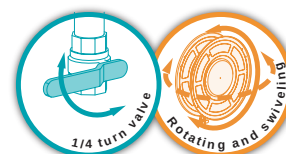
Material: steel and aluminium alloy

Surface treatment: polyester coated

Shutoff: with ball valve

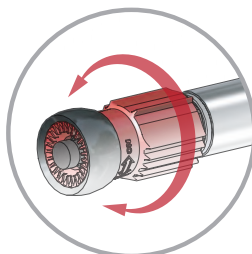
Options: mounting support, cabinet, cover

Hose capacity	Inlet	Norm	Dimensions (inches)	Weight (lbs)	Ref.
1" - 100 ft	1" BSP male	CE 0333 / NF EN 671-1	27.52 x 8.62 x 30.28	70.55	08344
1" - 65 ft	1" BSP male	CE 0333 / NF EN 671-1	27.52 x 8.62 x 30.28	59.52	12578
0.75" - 100 ft	3/4" BSP male	CE 0333 / NF EN 671-1		57.32	25199
0.75" - 65 ft	3/4" BSP male	CE 0333 / NF EN 671-1		48.50	25203



Rotating - Swinging - With hose and diffuser - 1.33"

Conform to norm
EN 671-1



Three positions European diffuser: closed, wide spray angle, straight jet, with anti-shock bumper

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Our rotating swinging hose reels 1.33" for wall installation have the advantage to rotate easily 180°.

Our hose reels have a capacity of 65 or 100 feet long of semi-rigid hoses. They are equipped with handwheel shutoff, allowing progressive opening.

Inlet is male thread 1.5", depending on the model. Outlet by three positions European diffuser: closed, wide spray angle, straight jet, with anti-shock bumper.

Made of steel and aluminium, with red painting. In compliance with European norm EN 671-1.

Maximum working pressure:

1"1/3 : 100 PSI

Material: steel and aluminium alloy

Surface treatment: polyester coated

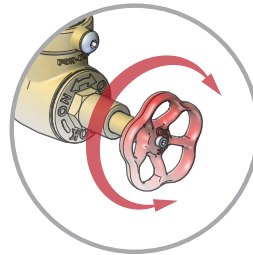
Shutoff: with handwheel shutoff

Options: mounting support, cabinet, cover

Hose capacity	Inlet	Norm	Dimensions (inches)	Weight (lbs)	Ref.
1.33" - 100 ft	1"1/2 BSP male	CE 0333	27.17 x 13.78 x 31.02	94.80	08343
1.33" - 65 ft	1"1/2 BSP male	CE 0333	27.17 x 13.78 x 31.02	81.57	12556



Electrical fire type hose reel



Handwheel shutoff, allowing progressive opening

Maximum working pressure:
1"1/3 : 100 PSI

Material: steel and aluminium alloy
Surface treatment: polyester coated
Shutoff: with handwheel shutoff

Options: mounting support, cabinet, cover

The electrical fire type hose reel is made of steel and aluminium, with red painting. It is composed of:

- a handwheel shutoff male thread 1"1/2 BSP
- a rotating swinging hose reel
- a semi-rigid hose 1.33" 100 or 130 ft, equipped with SG couplings
- a branchpipe 1.5" in bronze
- a DMA DHT nozzle, in bronze
- a spanner wrench to demount the branchpipe

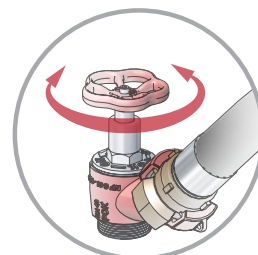
Hose capacity	Inlet	Dimensions (inches)	Weight (lbs)	Ref.
1.5" - 130 ft	1"1/2 BSP male			28523
1.5" - 100 ft	1"1/2 BSP male			28522



Electrical fire anti-seismic type hose reel



Chinese approval



Handwheel shutoff, allowing progressive opening and anti-seismic hose length

Maximum working pressure:
1"1/3 : 100 PSI

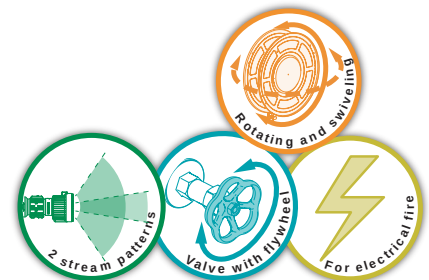
Material: steel and aluminium alloy
Surface treatment: polyester coated
Shutoff: with handwheel shutoff
Anti-seismic hose length: yes

Options: mounting support, cabinet, cover

The electrical fire anti-seismic type hose reel is made of steel and aluminium, with red painting. It is composed of:

- a handwheel shutoff 1"1/2 BSP
- a semi-rigid anti-seismic hose 1.5" length 3.3 feet
- a rotating swinging hose reel
- a semi-rigid hose 1.33" 100 or 130 ft, equipped with SG couplings
- a branchpipe 1.5" in bronze
- a DMA DHT nozzle, in bronze
- a spanner wrench to demount the branchpipe

Hose capacity	Inlet	Dimensions (inches)	Weight (lbs)	Ref.
1.5" - 130 ft	1"1/2 BSP male			24867
1.5" - 100 ft	1"1/2 BSP male			24855



European diffusers 0.75" and 1"



Maximum working pressure: 230 PSI
Shutoff: by rotation of the head ring
Material: aluminium alloy + POM
Surface treatment: hard anodisation
Type de corps : moulded

Our European diffusers 0.75" & 1" can be used on semi rigid hose reels. They are made of anodised aluminium and equipped with a red POM bumper ring with bumper head made of nitrile. They are very light and easy to handle with easy control. The bumpers are shock resistant. Inlet can be female thread ISO M24 x 200 or multi serrated hose shank.

Inlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
ISO M24 x 200 female	0.75 / 0.25	2.09 x 2.09 x 2.52	0.24	25269
Multi-serrated hs Ø21	0.75 / 0.25	2.09 x 2.09 x 4.04	0.31	25842
ISO M24 x 200 female	1 / 0.3	2.09 x 2.09 x 2.52	0.24	22959
Multi-serrated hs Ø25	1 / 0.3	2.09 x 2.09 x 4.04	0.33	25843



European diffusers 1.33"



Maximum working pressure: 230 PSI
Shutoff: by rotation of the head ring
Material: POM
Type de corps : moulded

Our European diffusers 1.33" / 0.5" can be used on semi rigid hose reels 1.33". They are made of anodised aluminium and equipped with a red POM bumper ring with bumper head made of polyurethane. They are very light and easy to handle with easy control. The bumpers are shock resistant. Inlet can be female thread ISO M36x200 or Ø 1.33" multi serrated hose shank .

Inlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
ISO M36 x 200 female	1.33" / 0.5"	2.52 x 2.52 x 4.65	0.57	23146
Multi-serrated hs Ø33,5	1.33" / 0.5"	2.52 x 2.52 x 6.44	0.75	25844



European diffusers 1"1/3



Maximum working pressure: 230 PSI
Shutoff: by rotation of the head ring
Material: POM
Type de corps : moulded

Our European diffusers 1.33" / 0.5" allow a flow rate of 26 GPM at 40 PSI. They are made of anodised aluminium and equipped with a red POM bumper ring with bumper head made of polyurethane. They are very light and easy to handle with easy control. The bumpers are shock resistant. Inlet is male thread 2" BSP.

Inlet	Waterway Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
2" BSP male	1.33" / 0.5"	2.56 x 2.56 x 8.21	0.79	27105



Maintenance kit for hose reels

Maintenance kit for all flat gaskets and o'rings necessary to maintain our swinging and fixed hose reels 0.75", 1" & 1.33".

Description	Ref.
Maintenance kit for swinging hose reels 0.75"	29471
Maintenance kit for swinging hose reels 1" and 1.33"	09407
Maintenance kit for fixed hose reels 0.75"	29472
Maintenance kit for fixed hose reels 1"	29473
Maintenance kit for fixed hose reels 1.33"	29474

Mounting support for hose reels



Mounting support for all POK hose reels from 0.75" to 1.33". Construction made of steel with red painting.
A hollowing allows water supply.
Drilling allows the fixing of the hose reel.
There is a plate to fix to the floor.

Material: steel
Surface treatment: polyester coated

Description	Dimensions (inches)	Weight (lbs)	Ref.
Mounting support for hose reels	11.81 x 11.81 x 44.72	66.14	29956

Cover for hose reels



Our cover is compatible with fixed and rotating hose reels. This cover protects from dust. It is available in 2 different sizes, depending on the hose reel size.

Material: polyester, PVC coated

Description	Ref.
Cover for hose reel 1"	17643
Cover for hose reel 1.33"	17644

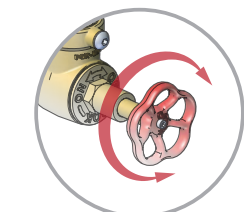
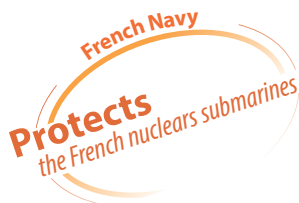
Control kit for hose reels



The kit contains :
- A spanner wrench for couplings 0.75" to 2.5"
- Inspection fitting for hose reels 1" with manometer 0-230 PSI
- Inspection fitting for hose reels 1.33" with manometer 0-230 PSI
- A user manual
The whole is presented in a briefcase with double walls with foam protection.

Description	Dimensions (inches)	Weight (lbs)	Ref.
Control kit for hose reels			09340

Hose reel in stainless steel - Without hose - 1"



Orientable handwheel shutoff, allowing progressive opening

Maximum working pressure: 230 PSI
Material: stainless steel
Shutoff: with handwheel shutoff

Our rotating swinging hose reels 1" for wall installation have the advantage to rotate easily 180°.

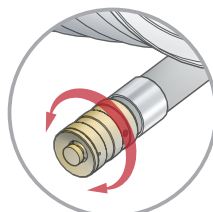
Our hose reels have a capacity of 100 feet long of semi-rigid hoses (delivered without hose). They are equipped with brass handwheel shutoff, allowing progressive opening.

These stainless steel hose reels equip French nuclear submarines.

Hose capacity	Inlet	Dimensions (inches)	Weight (lbs)	Ref.
1" - 100 ft	1" BSP male	19.61 x 13.27 x 27.76	36.02	21922



Hose reel in stainless steel - With hose and diffuser - 1"



Diffuser in brass, three positions: closed, wide spray angle and straight jet

Maximum working pressure: 230 PSI
Material: stainless steel

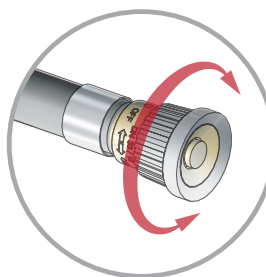
Our rotating swinging hose reels 1" for wall installation have the advantage to rotate easily 180°. They have a capacity of 100 feet long of semi-rigid hoses and have a swivel inlet male thread 1" BSP.

Outlet by three positions European diffuser: closed, wide spray angle, straight jet, without anti-shock bumper.

Hose capacity	Inlet	Dimensions (inches)	Weight (lbs)	Ref.
1" - 100 ft	1" BSP male	24.41 x 15.79 x 28.54	66.54	18437



Hose reel in stainless steel - With hose and diffuser - 1.33"



Diffuser in brass, three positions: closed, wide spray angle and straight jet, with anti-shock bumper

Maximum working pressure: 230 PSI
Material: stainless steel

Our rotating swinging hose reels 1.33" for wall installation have the advantage to rotate easily 180°.

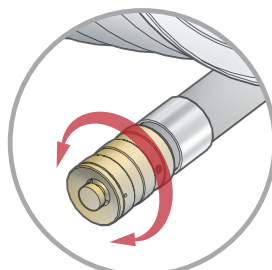
They have a capacity of 100 feet long of semi-rigid hoses and have a swivel inlet male thread 1 1/2" BSP.

Outlet by three positions European diffuser: closed, wide spray angle and straight jet.

Hose capacity	Inlet	Dimensions (inches)	Weight (lbs)	Ref.
1.33" - 100 ft	1 1/2" BSP male	26.97 x 15.79 x 32.36	97.66	18418



Hose reel in stainless steel on support - With hose and diffuser - 1"



Diffuser in brass, three positions: closed, wide spray angle and straight jet

Maximum working pressure: 230 PSI
Material: stainless steel

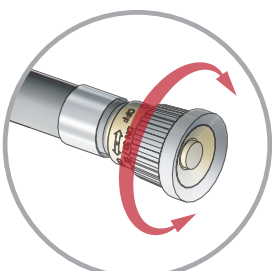
Our rotating swinging hose reels 1" on support are made of stainless steel. They have a capacity of 100 ft long of semi-rigid hoses and have a swivel inlet male thread 1" BSP.

Outlet by three positions European diffuser: closed, wide spray angle and straight jet.

Hose capacity	Inlet	Dimensions (inches)	Weight (lbs)	Ref.
1" - 100 ft	1" BSP male	31.89 x 19.69 x 79.92	145.02	18804



Hose reel in stainless steel on support - With hose and diffuser - 1 1/2"



Diffuser in brass, three positions: closed, wide spray angle and straight jet, with anti-shock bumper

Maximum working pressure: 230 PSI
Material: stainless steel

Our rotating swinging hose reels 1.33" on support are made of stainless steel. They have a capacity of 100 ft long of semi-rigid hoses and have a swivel inlet male thread 1 1/2 BSP.

Outlet by three positions European diffuser: closed, wide spray angle and straight jet.

Hose capacity	Inlet	Dimensions (inches)	Weight (lbs)	Ref.
1.33" - 100 ft	1 1/2 BSP male	34.45 x 19.69 x 83.07	175.22	18554



Foam adaptation kit - Low expansion



Our adaptation kit allows to adapt hose reels, to low expansion foam hose reels. It contains one eductor, a ball valve, and a low expansion foam nozzle (hose reel not included).

Nozzle's inlet	Eductor's inlet	Eductor's outlet	Eductor's flow rate (GPM)	Eductor's working pressure (PSI)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH female	1.5" NST-NH male	40	145	11.29	16597.NST

Maximum working pressure: 230 PSI

Nozzle:

Material: aluminium alloy
Surface treatment: polyester coated
Shutoff: with ball valve
Opening: by operating handle
Foam expansion: approx. x10

Eductor:

Material: aluminium alloy
Surface treatment: polyester coated
Suction percentages: 1, 2, 3, 4, 5 and 6%
Non-return valve: yes
Delivered with pick-up tube: yes



Foam adaptation kit - Medium expansion



Our adaptation kit allows to adapt hose reels, to medium expansion foam hose reels. It contains one eductor, one ball valve, and a low expansion foam nozzle (hose reel not included).

Nozzle's inlet	Eductor's inlet	Eductor's outlet	Eductor's flow rate (GPM)	Eductor's working pressure (PSI)	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH female	1.5" NST-NH male	40	145	13.16	29523.NST

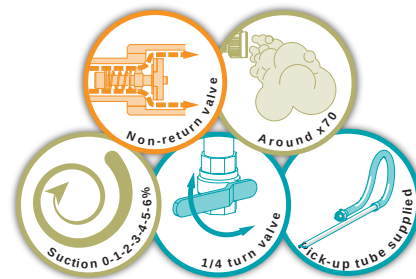
Maximum working pressure: 230 PSI

Nozzle:

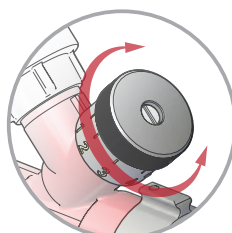
Material: aluminium alloy and stainless steel
Surface treatment: polyester coated
Shutoff: with ball valve
Opening: by lever
Foam expansion: approx. x70
Carrying handle: yes
Pressure gauge: yes

Eductor:

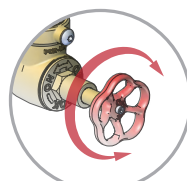
Material: aluminium alloy
Surface treatment: polyester coated
Suction percentages: 1, 2, 3, 4, 5 and 6%
Non-return valve: yes
Delivered with pick-up tube: yes



Foam hose reel - Low expansion



Adjustment of the suction percentage by metering device: 1, 2, 3, 4, 5 and 6 %



Orientable handwheel shutoff, allowing progressive opening

Maximum working pressure: 230 PSI

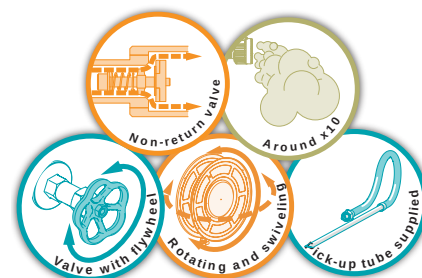
Hose reel:
Material: steel and aluminium alloy
Surface treatment: polyester coated
Shutoff: with handwheel shutoff

Nozzle:
Material: aluminium alloy
Surface treatment: polyester coated
Shutoff: with ball valve
Opening: by operating handle
Foam expansion: approx. x10

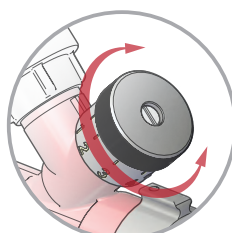
Eductor:
Material: aluminium alloy
Surface treatment: polyester coated
Suction percentages: 1, 2, 3, 4, 5 and 6 %
Non-return valve: yes
Delivered with pick-up tube: yes

Our low expansion foam hose reels 1.33" are made of steel and aluminium, with red painting. They have a capacity of 65 or 100 feet long of semi-rigid hoses. They are equipped with handwheel shutoff, allowing progressive opening. Inlet is male thread 1 1/2" BSP. Outlet by low expansion foam nozzle. The eductor allows an aspiration from 0% to 6% by metering device.

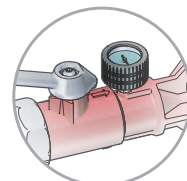
Hose capacity	Eductor's inlet	Eductor's flow rate (GPM)	Eductor's working pressure (PSI)	Weight (lbs)	Ref.
1.33" - 65 ft	1 1/2" BSP male	40	145	81.57	09207
1.33" - 100 ft	1 1/2" BSP male	40	145	97.00	09208



Foam hose reel - Medium expansion



Adjustment of the suction percentage by metering device: 1, 2, 3, 4, 5 and 6 %



Foam nozzle with pressure gauge

Maximum working pressure: 230 PSI

Hose reel:
Material: steel and aluminium alloy
Surface treatment: polyester coated
Shutoff: with handwheel shutoff

Nozzle:
Material: aluminium alloy and stainless steel
Surface treatment: polyester coated
Shutoff: with ball valve
Opening: by lever
Foam expansion: approx. x70
Carrying handle: yes
Pressure gauge: yes

Eductor:
Material: aluminium alloy
Surface treatment: polyester coated
Suction percentages: 1, 2, 3, 4, 5 and 6 %
Non-return valve: yes
Delivered with pick-up tube: yes

Our medium expansion foam hose reels 1.33" are made of steel and aluminium, with red painting. They have a capacity of 65 or 100 feet long of semi-rigid hoses. They are equipped with handwheel shutoff, allowing a progressive opening. Inlet is male thread 1 1/2" BSP. Outlet by medium expansion foam. They come with an eductor with an aspiration from 0% to 6% by metering device.

Hose capacity	Eductor's inlet	Eductor's flow rate (GPM)	Eductor's working pressure (PSI)	Weight (lbs)	Ref.
1.33" - 65 ft	1 1/2" BSP male	40	145	83.78	29524
1.33" - 100 ft	1 1/2" BSP male	40	145	99.21	29525



Fire buckets



4 or 5.3 gallons capacity fire bucket made of plastified steel.

Equipped with a transport handle. Its rounded bottom (for the 5.3 gallons only) with handle prevents to be set down on the floor, so it cannot be used for other applications than firefighting.

Material: steel
Surface treatment: polyester coated

Description	Dimensions (inches)	Weight (lbs)	Ref.
Fire bucket with round bottom (5.3 gal)	10.63 x 13.39 x 14.17	2.14	03293
Fire bucket with flat bottom (4 gal)			16894

Fire bucket bracket



Fire bucket bracket made of zinc steel.

Material: steel
Surface treatment: polyester coated

Description	Dimensions (inches)	Weight (lbs)	Ref.
Fire bucket bracket	1.81 x 5.51 x 2.95	0.26	03294

Horn fire axe



Horn fire axe with cutting edge and peak. They are equipped with straight control stick with safety armhole by straight shank, cotter pin and rivet.

Description	Dimensions (inches)	Weight (lbs)	Ref.
Horn fire axe with cutting edge and peak	14.37 x 1.57 x 35.83	6.39	03295

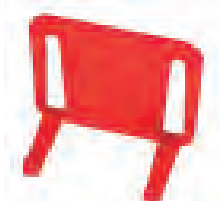
Shovel and fire beater



Our accessories range for firefighter is composed of shovel and fire beater. Constructions made of red painted wood control stick with safety armhole by straight shank, cotter pin and rivet.

Description	Dimensions (inches)	Weight (lbs)	Ref.
Gooseneck shovel with 3 ft straight handle	10.63 x 6.3 x 51.97	3.97	03463
Gooseneck shovel with grip handle	10.63 x 6.3 x 41.93	3.97	03460
6 blades fire beater with 3ft straight handle	13.78 x 12.2 x 74.02	4.41	03464

Shovel and fire beater bracket



Wall bracket made of zinc steel for axe, shovel and fire beater.

Material: steel
Surface treatment: polyester coated

Description	Dimensions (inches)	Weight (lbs)	Ref.
Shovel and fire beater bracket	2.76 x 1.73 x 2.76	0.18	03296

Sandbox



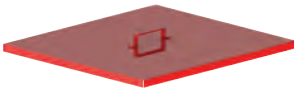
Sandbox allowing to store the sand close to risky zones to take action quickly in case of fire.

Construction made of steel with red polyester coating. Comes with two transport handles. Two versions are available: 26 gallons capacity or 52 gallons capacity.

Material: steel
Surface treatment: polyester coated

Description	Dimensions (inches)	Weight (lbs)	Ref.
Sandbox, 26 gallons capacity	36.22 x 20.67 x 12.2	28.66	03536
Sandbox, 52 gallons capacity	34.13 x 28.7 x 23.62	58.25	33542

Lid for sandbox



Lid for sandbox made of steel red with polyester coating. It allows an easy and fast assembly: no screw.

Two versions are available: for 26 gallons and 52 gallons sandbox.

Material: steel
Surface treatment: polyester coated

Description	Dimensions (inches)	Weight (lbs)	Ref.
Lid for sandbox, 26 gallons capacity			29502
Lid for sandbox, 52 gallons capacity	32.05 x 29.53 x 2.91	18.43	33544

Hose holder



Hose holder for storage of any flat or semi-rigid hose crown rolled. Made of painted steel.

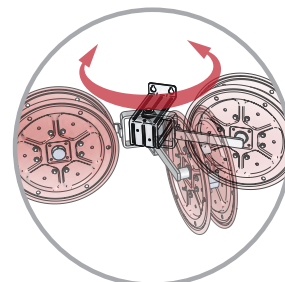
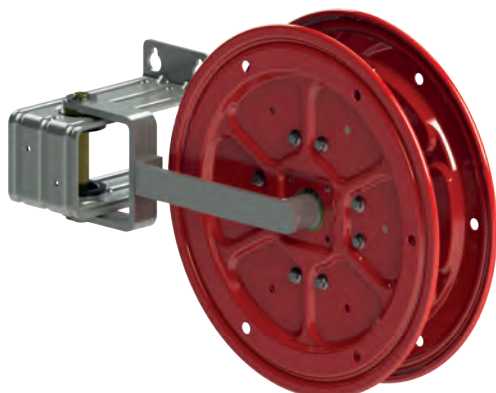
Material: steel
Surface treatment: polyester coated

Description	Dimensions (inches)	Weight (lbs)	Ref.
Hose holder	17.72 x 8.07 x 7.87	10.14	21143



Compact storage hose reels

Conform to norm
NF J 41-665



Single articulation hose reel

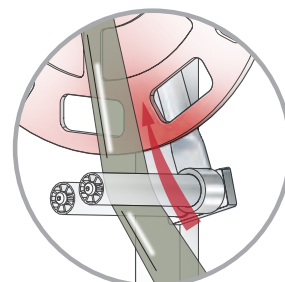
Material: steel and aluminium alloy
Surface treatment: polyester coated

Storage hose reel for flat fire hose, with single articulation allowing storage of 100 feet hose 1"3/4 or 2"3/4.

Made of steel and aluminium alloy with red polyester finish.

Hose Ø	Hose capacity (ft)	Dimensions (inches)	Weight (lbs)	Ref.
1"3/4	100	26.93 x 9.65 x 18.9	23.68	15591
2"3/4	100	32.64 x 9.65 x 24.02	22.42	15604

Rewinder



Inclined roller for hose's optimal guidance

Material: steel and aluminium alloy
Surface treatment: polyester coated

Hose roller for flat fire hose from 1"3/4 to 4", made of painted steel and aluminium alloy. They are equipped with side plate Ø 27" with handle.

An angled tensioner allows an optimal rolling of the hose. They are equipped with two floor stabilising feet with tightening handle.

Hose Ø	Dimensions (inches)	Weight (lbs)	Ref.
1"3/4 to 4"	38.98 x 39.37 x 52.68	55.12	25686



Our range of manual hose reels for firefighting vehicles allows the storage and water supply of fire hoses.

The capacity is from 130 to 390 ft of semi rigid or flat fire hoses.

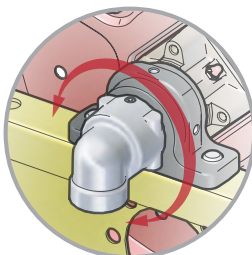
Operated by handwheel with locking of the reel by locking device.

Made of steel and aluminium alloy, with polyester coating.

Several options are available on our range: customized width, Ø 19" and Ø 24" side plate, hose guide...

High degree of modularity
Width and capacity adjustable
Working pressure from 90 to 230 PSI
Designed according to the norm NF S 61-522

Manual hose reels - With wheel - Water supplied - 1"



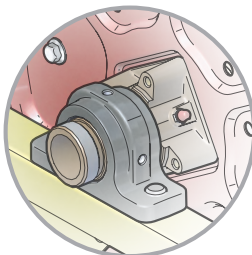
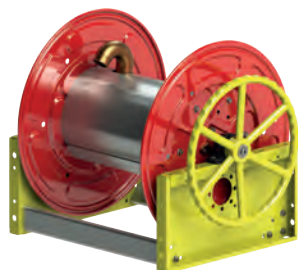
Orientable elbow

Material: steel and aluminium alloy
Surface treatment: polyester coated
Winding: by wheel
Reel locking: by locking device
Options: width on request, plate Ø 19" and Ø 24", retractable hose guide, upper hose guide

Inlet	Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Wheel		Dimensions (inches)	Weight (lbs)	Ref.
				Left	Right			
1" BSP female	1"	130	19"	•		30.63 x 21.3 x 22.28	74.96	29317
1" BSP female	1"	130	24"	•		21.06 x 24.02 x 24.84	70.55	29318
1" BSP female	1"	130	19"		•	30.63 x 21.3 x 22.28	74.96	27698
1" BSP female	1"	130	24"		•	21.06 x 24.02 x 24.84	70.55	27997
1" BSP female	1"	260	24"	•		30.63 x 24.02 x 24.84	79.37	27512
1" BSP female	1"	260	24"		•	30.63 x 24.02 x 24.84	79.37	29319



Manual hose reels - With wheel - Water supplied - 1.5"



Inlet axis male thread 1"1/2 BSP

Material: steel and aluminium alloy
Surface treatment: polyester coated
Winding: by wheel
Reel locking: by locking device
Options: width on request, plate Ø 19" and Ø 24", retractable hose guide, upper hose guide

Inlet	Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Wheel		Dimensions (inches)	Weight (lbs)	Ref.
				Left	Right			
1"1/2 BSP male	1.3" - 1.5"	65 / 130	24"		•	29.65 x 24.02 x 24.84	79.37	27807



Manual hose reels - With wheel - Storage



Material: steel and aluminium alloy
Surface treatment: polyester coated
Winding: by wheel
Reel locking: by locking device

Options: width on request, plate Ø 19" and Ø 24", retractable hose guide, upper hose guide

Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Wheel		Dimensions (inches)	Weight (lbs)	Ref.
			Left	Right			
1.75"	200	19"	•		29.65 x 21.3 x 22.28	70.55	29313
1.75"	200	24"	•		21.18 x 24.02 x 24.84	68.34	29314
1.75"	200	19"		•	29.65 x 21.3 x 22.28	70.55	27700
1.75"	200	24"		•	21.18 x 24.02 x 24.84	68.34	28417
1.75"	390	24"	•		29.65 x 24.02 x 24.84	77.16	29315
1.75"	390	24"		•	29.65 x 24.02 x 24.84	77.16	27507



Hose reels conform to norm NF S 61-522



Our range of manual hose reels for firefighting vehicles allows the storage and water supply of fire hoses.

The capacity is from 130 to 390 ft of semi rigid or flat fire hoses.

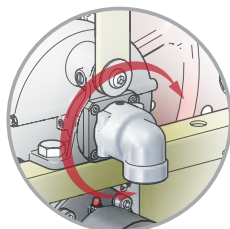
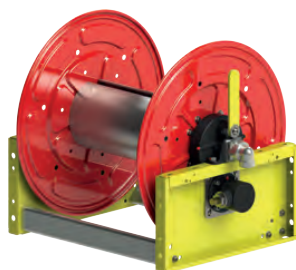
Operated by axial crank with locking of the reel by lever.

Made of steel and aluminium alloy, with polyester coating.

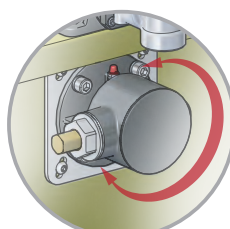
Several options are available on our range: customized width, Ø 19" and Ø 24" side plate, hose guide...

High degree of modularity
Width and capacity adjustable
Working pressure from 90 to 230 PSI
designed according
the norm
NF S 61-522

Manual hose reels - With crank - Water supplied - 1"



Orientable elbow



Backup device to operate with crank, adjustable by steps of 45°

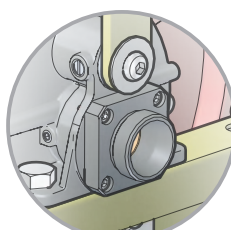
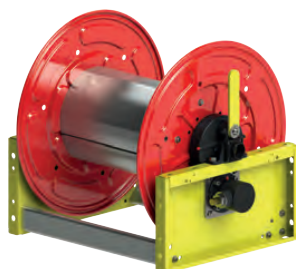
Material: steel and aluminium alloy
Surface treatment: polyester coated
Winding: by crank handle
Reel locking: by lever

Options: width on request, plate Ø 19" and Ø 24", retractable hose guide, upper hose guide

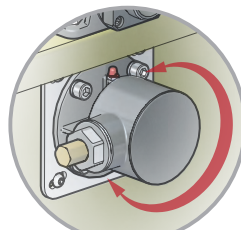
Inlet	Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Water supply		Crank handle		Dimensions (inches)	Weight (lbs)	Ref.
				Left	Right	Left	Right			
1" BSP female	1"	130	19"	•		•		26.14 x 21.3 x 22.28	74.96	29323
1" BSP female	1"	130	19"		•		•	26.14 x 21.3 x 22.28	74.96	28414
1" BSP female	1"	260	24"	•		•		28.7 x 24.02 x 24.84	81.57	29329
1" BSP female	1"	260	24"		•		•	28.7 x 24.02 x 24.84	81.57	27911



Manual hose reels - With crank - Water supplied - 1.5"



Inlet axis male thread 1 1/2 BSP

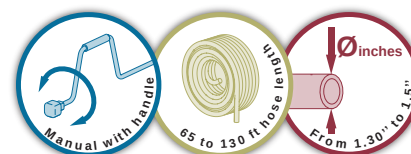


Backup device to operate with crank, adjustable by steps of 45°

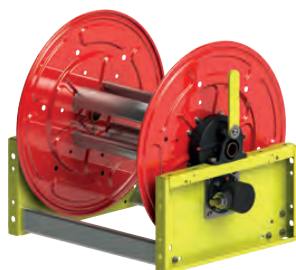
Material: steel and aluminium alloy
Surface treatment: polyester coated
Winding: by crank handle
Reel locking: by lever

Options: width on request, plate Ø 19" and Ø 24", retractable hose guide, upper hose guide

Inlet	Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Water supply		Crank handle		Dimensions (inches)	Weight (lbs)	Ref.
				Left	Right	Left	Right			
1 1/2 BSP male	1.3" - 1.5"	65 / 130	24"	•		•		28.7 x 24.02 x 24.84	81.57	27930
1 1/2 BSP male	1.3" - 1.5"	65 / 130	24"		•		•	28.7 x 24.02 x 24.84	81.57	29322



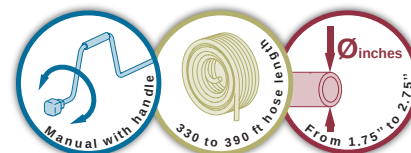
Manual hose reels - With crank - Storage



Material: steel and aluminium alloy
Surface treatment: polyester coated
Winding: by crank handle
Reel locking: by lever

Options: width on request, plate Ø 19" and Ø 24", retractable hose guide, upper hose guide

Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Crank handle		Dimensions (inches)	Weight (lbs)	Ref.
			Left	Right			
1.75"	390	24"	•		28.7 x 24.02 x 24.84	79.37	29316
1.75"	390	24"		•	28.7 x 24.02 x 24.84	79.37	27913
2.75"	330	24"		•	36.18 x 24.02 x 24.84	85.98	29250



Our range of "new generation" motorised hose reel for firefighting vehicles has a simple and robust design.

Our hose reels allow the storage and water supply from 130 to 260 feet of semi-rigid hoses and up to 390 feet for flat fire hose.

Motorised rolling or by back up axial crank (approximate rolling speed 2 ft/s).

This hose reel is equipped with a torque limiter for motor protection.

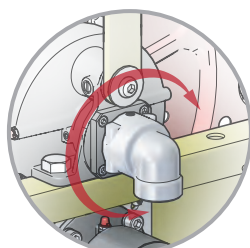
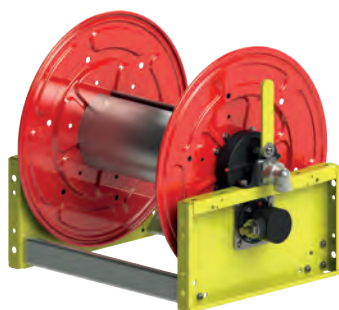
Made of steel and aluminium alloy, with polyester coating.

Several options are available on our range: customized width, Ø 19" and Ø 24" side plate, hose guide... The water supply, the reel locking, and the backup system are always fitted on the same side of the hose reel: at the opposite from the electrical supply for the motorisation.

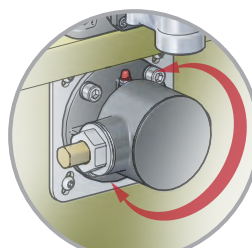
High degree of modularity
Width and capacity adjustable
Working pressure from 90 to 230 PSI
Designed according to the norm NF S 61-522

New design
mechanical TORQUE REDUCTOR

Motorised hose reels - Water supplied - 1"



Orientable elbow



Backup device to operate with crank, adjustable by steps of 45°

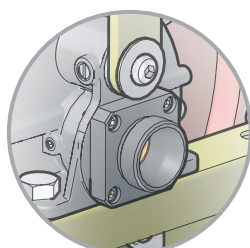
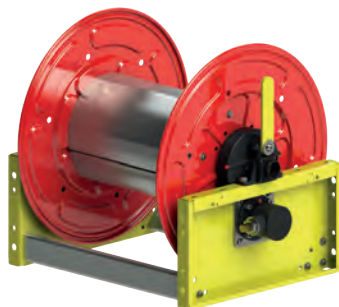
Material: steel and aluminium alloy
Surface treatment: polyester coated
Winding: motorised or backup crank handle
Winding speed: approx. 2 ft/s
Electrical supply: 12 or 24V CC
Motor protection: mechanical torque reductor
Reel locking: by lever

Options: width on request, plate Ø 19" and Ø 24", retractable hose guide, upper hose guide

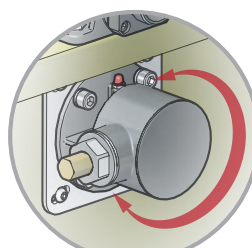
Inlet	Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Water supply and backup device		Dimensions (inches)	Weight (lbs)	Ref.
				Left	Right			
1" BSP female	1"	130	19"	•		28.9 x 21.3 x 22.24	110.23	32634
1" BSP female	1"	130	19"		•	28.9 x 21.3 x 22.24	110.23	30169
1" BSP female	1"	260	19"	•		36.38 x 21.3 x 22.24	121.25	35290
1" BSP female	1"	260	19"		•	36.38 x 21.3 x 22.24	121.25	33225
1" BSP female	1"	260	24"	•		28.9 x 24.02 x 24.8	116.84	32589
1" BSP female	1"	260	24"		•	28.9 x 24.02 x 24.8	116.84	30697



Motorised hose reels - Water supplied - 1.5"



Inlet axis male thread 1.5" BSP



Backup device to operate with crank, adjustable by steps of 45°

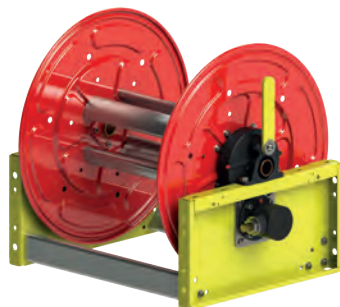
Material: steel and aluminium alloy
Surface treatment: polyester coated
Winding: motorised or backup crank handle
Winding speed: approx. 2 ft/s
Electrical supply: 12 or 24V CC
Motor protection: mechanical torque reductor
Reel locking: by lever

Options: width on request, plate Ø 19" and Ø 24", retractable hose guide, upper hose guide

Inlet	Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Water supply and backup device		Dimensions (inches)	Weight (lbs)	Ref.
				Left	Right			
1"1/2 BSP male	1.3" - 1.5"	65 / 130	24"	•		27.52 x 24.02 x 24.8	119.05	35292
1"1/2 BSP male	1.3" - 1.5"	65 / 130	24"		•	27.52 x 24.02 x 24.8	119.05	31439
1"1/2 BSP male	1.3" - 1.5"	50/65	19"	•		27.52 x 21.3 x 22.24	112.44	35291
1"1/2 BSP male	1.3" - 1.5"	50/65	19"		•	27.52 x 21.3 x 22.24	112.44	30807



Motorised hose reels - Storage



Material: steel and aluminium alloy
Surface treatment: polyester coated
Winding: motorised or backup crank handle
Winding speed: approx. 2 ft/s
Electrical supply: 12 or 24V CC
Motor protection: mechanical torque reductor
Reel locking: by lever

Options: width on request, plate Ø 19" and Ø 24", retractable hose guide, upper hose guide

Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Backup device		Dimensions (inches)	Weight (lbs)	Ref.
			Left	Right			
1.75"	390	24"	•		27.56 x 24.02 x 22.24	116.84	34847
1.75"	390	24"		•	27.56 x 24.02 x 22.24	116.84	30749

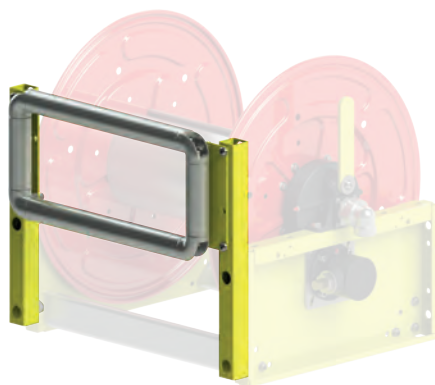


The hose guide for floor mount, roof top mount, or wall mount allows to guide the fire hose while rolling or unrolling.

Made of steel and aluminium alloy, untreated and with polyester coating, and can be adapted on any fixed hose reel.



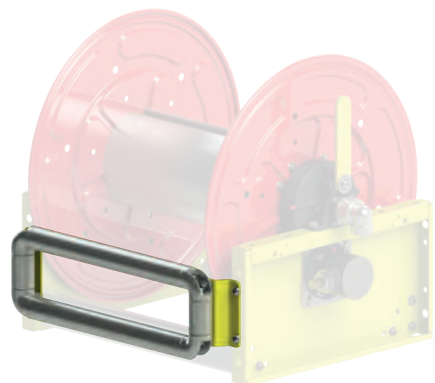
Floor or roof mount upper hose guide



Material: steel and aluminium alloy
Surface treatment: rough and polyester coated

Dimensions (inches)	Weight (lbs)	Ref.
25.51 x 4.09 x 20.31	21.14	30742

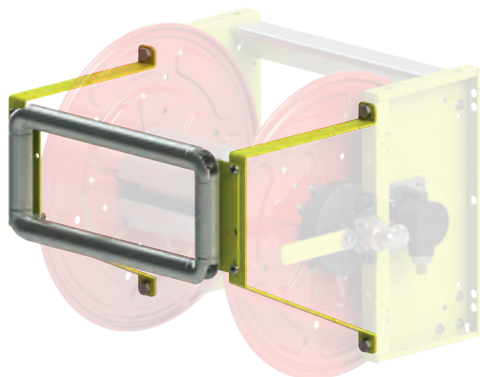
Floor or roof mount lower hose guide



Material: steel and aluminium alloy
Surface treatment: rough and polyester coated

Dimensions (inches)	Weight (lbs)	Ref.
24.33 x 3.39 x 7.68	10.98	30220

Wall mount hose guide



Material: steel and aluminium alloy
Surface treatment: rough and polyester coated

Dimensions (inches)	Weight (lbs)	Ref.
25.51 x 16.54 x 19.69	21.38	30746

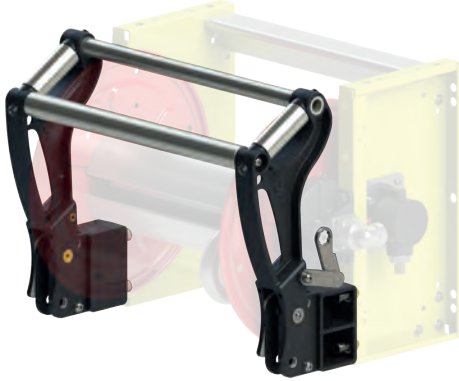
Our retractable hose guide for wall mount allows to guide the hose during intervention: In open position it ensures the hose guiding, in closed position its volume is reduced.

It allows to manage locking and unlocking of the reel.

It is made of steel and aluminium alloy, and be adapted on Ø 19" side plates.

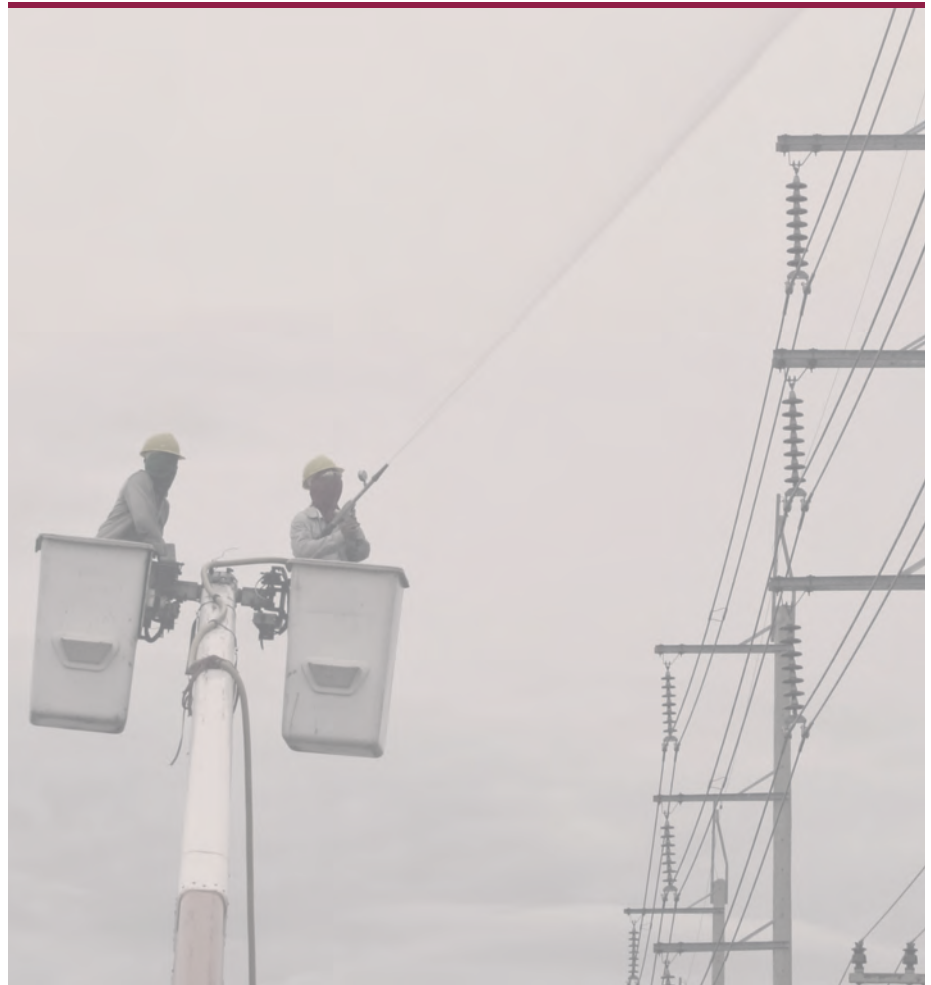
Wall mount retractable hose guide

Adaptable on hose reels with Ø 19" plates



Material: steel and aluminium alloy
Surface treatment: rough and polyester coated

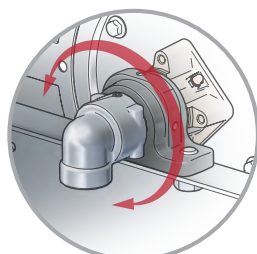
Hose Ø (inches)	Hose capacity (ft)	Position	Dimensions (inches)	Weight (lbs)	Ref.
1"	130	Open	27.95 x 19.49 x 15.91	28.66	30904
		Closed	27.95 x 11.02 x 21.5		
1"	260	Open	34.65 x 19.49 x 15.91	30.86	29234
		Closed	34.65 x 11.02 x 21.5		



Our stainless steel manual hose reel for vehicles can be used in marine environment and works at a pressure between 90 and 230 PSI.
It allows the storage and water supply of 100 to 260 feet fire hose 1", 1.3" or 1.5".
Operated by handwheel with locking of the reel by locking device.
There is also an optional hose guide.

*Working pressure
from 90 to 230 PSI*

Manual hose reel in stainless steel - With wheel - Water supplied - 1" - 260 feet



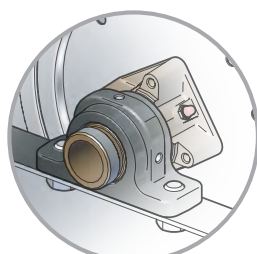
Orientable elbow

Inlet	Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Wheel		Dimensions (inches)	Weight (lbs)	Ref.
				Left	Right			
1" BSP female	1"	260	24"		*	30.63 x 24.02 x 24.84	88.18	28496



Material: stainless steel and anodised aluminium
Winding: by wheel
Reel locking: by locking device
Options: upper hose guide

Manual hose reel in stainless steel - With wheel - Water supplied - 1.3" or 1.5"



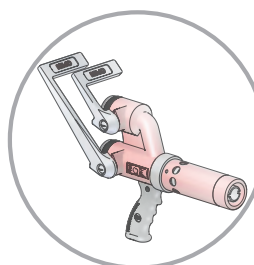
Inlet axis male thread
1.5" BSP

Inlet	Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Wheel		Dimensions (inches)	Weight (lbs)	Ref.
				Left	Right			
1 1/2" BSP male	1.3" - 1.5"	100/200	24"		*	30.59 x 24.02 x 24.41	97.00	28412



Material: stainless steel and anodised aluminium
Winding: by wheel
Reel locking: by locking device
Options: upper hose guide

Motorised hose reel in stainless steel - Double water supplied



This hose reel can be used in operation with the powder/foam nozzle "Combipowder"

Our double water supply hose guide can be connected to the powder-foam nozzle combipowder.
It can store and supply two lengths of 100 feet fire hose 1.3".
Operated by handwheel with locking of the reel by lever.
It is made of stainless steel and aluminium alloy.

Inlet	Hose Ø (inches)	Hose capacity (ft)	Plate Ø (inches)	Dimensions (inches)	Weight (lbs)	Ref.
2x 1 1/2" BSP male	1.3"	2x 100	24"		116.84	30730



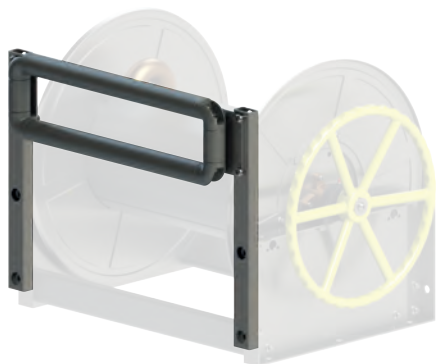
Material: stainless steel and anodised aluminium
Winding: by crank handle
Reel locking: by lever
Options: upper hose guide

Hose guides for hose reels in stainless steel



The hose guides for floor mount, roof top mount, or wall mount allows to guide the fire hose while rolling or unrolling. They are made of stainless steel and can be adapted on any fixed hose reel in stainless steel.

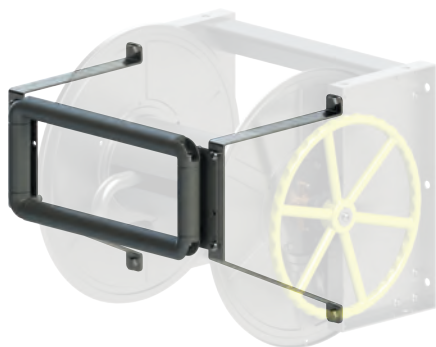
Floor or roof mount upper hose guide in stainless steel



Material: steel and aluminium alloy
Surface treatment: hard anodisation

Dimensions (inches)	Weight (lbs)	Ref.
25.51 x 4.09 x 20.31		35180

Wall mount hose guide in stainless steel

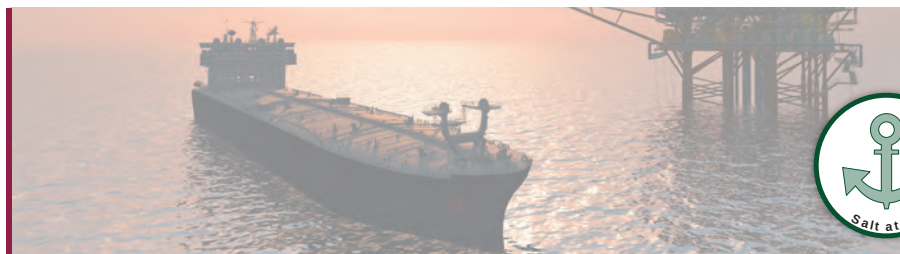


Material: steel and aluminium alloy
Surface treatment: hard anodisation

Dimensions (inches)	Weight (lbs)	Ref.
25.51 x 16.54 x 19.69		35181



*Foam hose reels
For the protection
of French and foreign
military and civil vessels*



Foam station - 160 GPM

Can be equipped with selectable suction eductor



Foam station for the protection of French and foreign military vessels with 160 GPM flow rates at a working pressure of 100 PSI. Including foam agent polyethylene tank of 26 gallons capacity, with filling orifice. It is equipped with an eductor made of aluminium alloy (3% aspiration), anti return valve and low foam hand nozzle made of anodised aluminium alloy. Construction made of aluminium alloy, stainless steel and bronze.

Maximum working pressure: 230 PSI
Tank:
Material: polyethylene

Nozzle:
Material: aluminium alloy
Surface treatment: polyester coated and hard anodisation
Shutoff: with ball valve
Opening: by lever
Foam expansion: approx. x10

Eductor:
Material: aluminium alloy
Surface treatment: hard anodisation
Suction percentages: 3%
Non-return valve: yes
Delivered with pick-up tube: yes

Option: hose capacity

Tank capacity (Gallon)	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
26	160	100	31.1 x 25.75 x 26.57	68.34	30261



Foam hose reel - 50 GPM - 1.3" - Polyethylene tanks

Can be equipped with selectable suction eductor



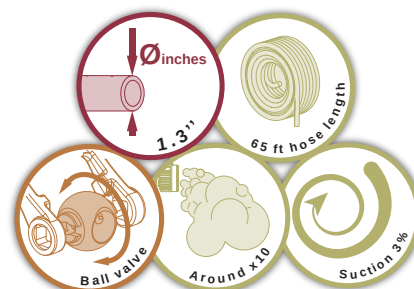
Foam hose reel for the protection of French and foreign military vessels with 50 GPM flow rates at a working pressure of 145 PSI. Including two foam agent polyethylene tank of 5.3 gallons capacity each, with filling orifice. Our foam station is composed of a 1.3" semi-rigid hose 65 feet long. Operated by handwheel. It is equipped with an eductor made of stainless steel (3% aspiration), anti return valve and a 50 GPM low foam hand nozzle made of anodised aluminium alloy. Construction made of aluminium alloy, stainless steel and bronze.

Maximum working pressure: 230 PSI
Tank:
Material: polyethylene

Nozzle:
Material: aluminium alloy
Surface treatment: polyester coated and hard anodisation
Shutoff: with ball valve
Opening: by operating handle
Foam expansion: approx. x10

Eductor:
Material: stainless steel
Suction percentages: 3%
Non-return valve: yes

Hose Ø (inches)	Hose length (ft)	Tank capacity (Gallon)	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.3"	65	2x 5.3	50	145	33.86 x 18.9 x 45.12	165.35	14466



Foam hose reels for vessels



Foam hose reel - 50 GPM - 1.3" - Polyethylene tanks

Can be equipped with selectable suction eductor



Foam hose reel for the protection of French and foreign military vessels with 50 GPM flow rates at a working pressure of 100 PSI. Including two foam agent polyethylene tank of 5.3 gallons capacity each, with filling orifice.

Our foam station is composed of a 1.3" semi-rigid hose 50 feet long. Operated by handwheel. It is equipped with an eductor made of bronze (3% aspiration), anti return valve and a 50 GPM low foam hand nozzle made of anodised aluminium alloy.

Construction made of aluminium alloy, stainless steel and bronze.

Maximum working pressure: 230 PSI

Tank:

Material: polyethylene

Nozzle:

Material: aluminium alloy

Surface treatment: polyester coated and hard anodisation

Shutoff: with ball valve

Opening: by lever

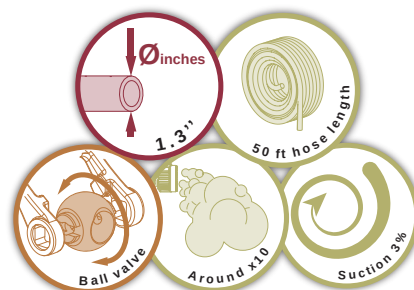
Foam expansion: approx. x10

Eductor:

Material: bronze

Suction percentages: 3%

Non-return valve: yes



Hose Ø (inches)	Hose length (ft)	Tank capacity (Gallon)	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.3"	50	2x 5.3	50	100	36.42 x 21.46 x 54.33	152.12	30292

Foam hose reel - 50 GPM - 1.5" - Aluminium tank

Can be equipped with selectable suction eductor



Foam hose reel for the protection of French and foreign military vessels with 50 GPM flow rates at a working pressure of 145 PSI. Including foam agent aluminium alloy tank of 26 gallons capacity, with filling orifice.

Our foam station is composed of a 1.5" semi-rigid hose 100 feet long. Operated by handwheel.

It is equipped with an eductor made of stainless steel (3% aspiration), anti return valve and a 50 GPM low foam hand nozzle made of anodised aluminium alloy.

Construction made of aluminium alloy, stainless steel and bronze.

Maximum working pressure: 230 PSI

Tank:

Material: Aluminium alloy

Surface treatment: polyester coated

Nozzle:

Material: aluminium alloy

Surface treatment: polyester coated and hard anodisation

Shutoff: with ball valve

Opening: by operating handle

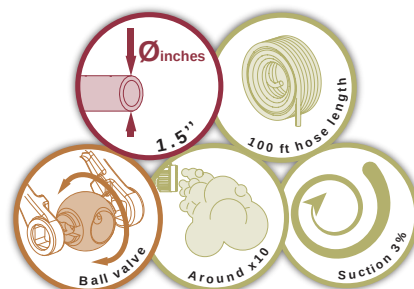
Foam expansion: approx. x10

Eductor:

Material: stainless steel

Suction percentages: 3%

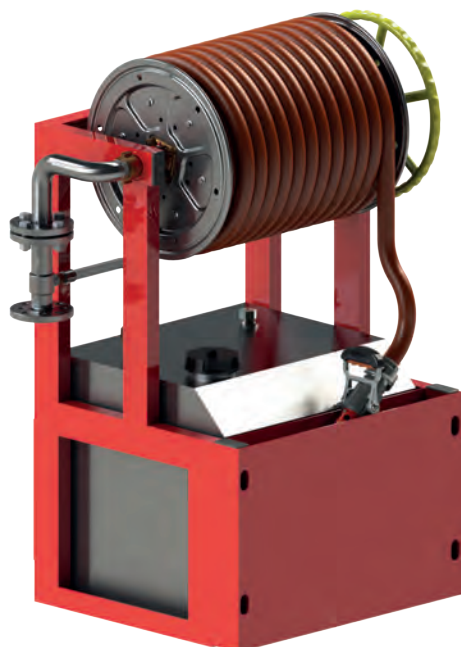
Non-return valve: yes



Hose Ø (inches)	Hose length (ft)	Tank capacity (Gallon)	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5"	100	26	50	145	36.3 x 25.98 x 57.68	209.44	18046

Foam hose reel - 50 GPM - 1.3" - Stainless steel tank

Can be equipped with selectable suction eductor



Foam hose reel for the protection of French and foreign military vessels with 50 GPM flow rates at a working pressure of 145 PSI. Including foam agent stainless steel tank of 50 gallons capacity, with filling orifice.

Our foam station is composed of a 1.3" semi-rigid hose 100 feet long. Operated by handwheel.

It is equipped with an eductor made of stainless steel (3% aspiration), anti return valve and a 50 GPM low foam hand nozzle made of anodised aluminium alloy.

Construction made of aluminium alloy, stainless steel and bronze.

Maximum working pressure: 230 PSI

Tank:

Material: stainless steel

Nozzle:

Material: aluminium alloy

Surface treatment: polyester coated and hard anodisation

Shutoff: with ball valve

Opening: by operating handle

Foam expansion: approx. x10

Eductor:

Material: stainless steel

Suction percentages: 3%

Non-return valve: yes



Hose Ø (inches)	Hose length (ft)	Tank capacity (Gallon)	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.3"	100	50	50	145	38.86 x 26.65 x 53.7	224.87	15814

Foam hose reel - 100 GPM - 1.5" - Stainless steel tank

Can be equipped with selectable suction eductor



Foam hose reel for the protection of French and foreign military vessels with 100 GPM flow rates at a working pressure of 145 PSI. Including foam agent stainless steel tank of 26 gallons capacity, with filling orifice.

Our foam station is composed of a 1.5" semi-rigid hose of 50 or 100 feet long depending on the model. Operated by handwheel.

It is equipped with an eductor made of stainless steel (3% aspiration), anti return valve and a 100 GPM low foam hand nozzle made of anodised aluminium alloy.

Construction made of aluminium alloy, stainless steel and bronze.

Maximum working pressure: 230 PSI

Tank:

Material: stainless steel

Nozzle:

Material: aluminium alloy

Surface treatment: polyester coated and hard anodisation

Shutoff: with ball valve

Opening: by operating handle

Foam expansion: approx. x10

Eductor:

Material: stainless steel

Suction percentages: 3%

Non-return valve: yes



Hose Ø (inches)	Hose length (ft)	Tank capacity (Gallon)	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.5"	50	26	100	145	36.42 x 24.21 x 54.33	233.69	30384
1.5"	100	26	100	145	36.42 x 24.21 x 54.33	233.69	30387

Foam hose reel - 100 GPM - 1.3" - Stainless steel tank

Can be equipped with selectable suction eductor



Foam hose reel for the protection of French and foreign military vessels with 100 GPM flow rates at a working pressure of 100 PSI. Including foam agent stainless steel tank of 50 gallons capacity, with filling orifice. Our foam station is composed of a 1.3" semi-rigid hose 100 feet long depending on the model. Operated by handwheel. It is equipped with an eductor made of bronze (3% aspiration), anti return valve and a 100 GPM low foam hand nozzle made of anodised aluminium alloy. Construction made of aluminium alloy, stainless steel and bronze.

Maximum working pressure: 230 PSI

Tank:

Material: stainless steel

Nozzle:

Material: aluminium alloy

Surface treatment: polyester coated and hard anodisation

Shutoff: with ball valve

Opening: by operating handle

Foam expansion: approx. x10

Eductor:

Material: bronze

Suction percentages: 3%

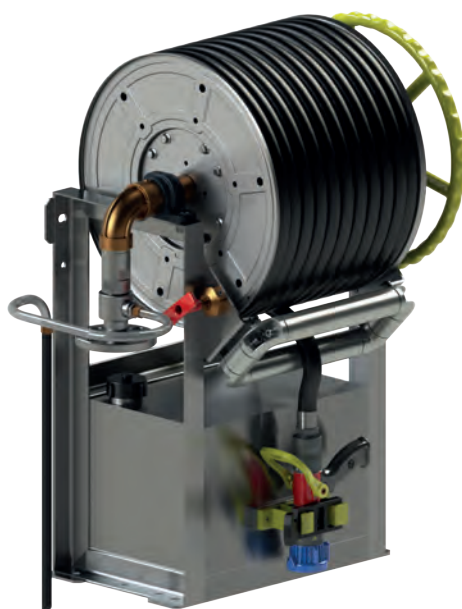
Non-return valve: yes

Hose Ø (inches)	Hose length (ft)	Tank capacity (Gallon)	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1.3"	100	50	100	100	36.42 x 24.21 x 65.75	306.44	30418



Foam hose reel - 15 GPM - 1" - Stainless steel tank

Can be equipped with selectable suction eductor



Foam hose reel for the protection of French and foreign military vessels with 15 GPM flow rates at a working pressure of 100 PSI. Including foam agent stainless steel tank of 8 gallons capacity, with filling orifice. Our foam station is composed of a 1" semi-rigid hose 100 feet long depending on the model. Operated by handwheel. It is equipped with an eductor made of stainless steel (3% aspiration*), anti return valve and a low foam hand nozzle made of anodised aluminium alloy. Construction made of aluminium alloy, stainless steel and bronze.

Maximum working pressure: 230 PSI

Tank:

Material: stainless steel

Nozzle:

Material: aluminium alloy

Surface treatment: polyester coated and hard anodisation

Shutoff: with ball valve

Opening: by operating handle

Eductor:

Material: stainless steel

Suction percentages: 3%

Non-return valve: yes

Hose Ø (inches)	Hose length (ft)	Tank capacity (Gallon)	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
1"	100	8	15	100	27.36 x 18.9 x 37.4	152.12	28317



Foam station - 2x100 GPM - Stainless steel tank



Foam station for the protection of French and foreign military vessels. Composed of a foam agent stainless steel tank of 50 gallons capacity, with filling orifice. Our foam station is equipped with two selectable suction eductors made of bronze, with anti return valve.

Maximum working pressure: 230 PSI

Tank:

Material: stainless steel

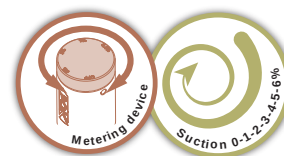
Eductors:

Material: bronze

Suction percentages: 1, 2, 3, 4, 5 et 6%

Non-return valve: yes

Tank capacity (Gallon)	Flow rate (GPM)	Working pressure (PSI)	Dimensions (inches)	Weight (lbs)	Ref.
50	2x 100	145	24.8 x 24.02 x 38.43	194.01	20549





Control equipment

Control equipment272
Flowmeters - Mechanical272

Flowmeters - Electronic273

Calibrated cap gauges



Inlet	Pressure gauge	Weight (lbs)	Ref.
1.5" NST-NH female	0 - 300 PSI		07523.NST
2.5" NST-NH female	0 - 300 PSI		02154

Calibrated in-line gauges



Inlet	Outlet	Pressure gauge	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH female	0 - 300 PSI		08389
2.5" NST-NH female	2.5" NST-NH female	0 - 300 PSI		08390
4" NST-NH female	4" NST-NH female	0 - 300 PSI		08391

Flowmeters for hose reels



Description	Weight (lbs)	Ref.
Flowmeter for hose reels 1"	2.18	18855
Flowmeter for hose reels 1.3"	2.09	18846

Flowmeters with spring



Flowmeters with spring, calibrated for the flow rate up to 160 GPM.

Inlet	Outlet	Flow rate range	Weight (lbs)	Ref.
1.5" NST-NH female	1.5" NST-NH male	from 0 to 50 GPM	2.34	30521.NST
1.5" NST-NH female	1.5" NST-NH male	from 50 to 160 GPM		33294.NST

Electronic flowmeters



This flowmeter of high diameter 6" is made of aluminium alloy anodised with an electronic box in high density polymer and anodised aluminium alloy. It can be operated on its base (to measure on the floor) or for measuring on hydrants without the base that can easily be removed. It has foldable and stabilising legs. The values of flow and pressure can be recorded on a smartphone using a free mobile app. The power supply is given via a lithium ultra-light battery with long durability. These flowmeters are also available in 1.5", 2.5", 3", 4" and 6".

Construction : Aluminium alloy and composite
Surface treatment : hard anodisation
Working pressure : 230 PSI
Operating temperature : -10° - 70°
Waterproofness : IP65
Accuracy : 3%
Flow display : lpm or GPM (calibrated on our premises)
Pressure display : bar or PSI (calibrated on our premises)
Power supply : Rechargeable battery Li-ion
Self-efficiency : up to 40 hours

Description	Inlet	Outlet	Sticker language	Optimal flow range (GPM)		Dimensions (mm)	Weight (lbs)	Ref.
				Mini.	Maxi.			
Electronic flowmeter 1.5"	1.5" NST-NH female	1.5" NST-NH male	English	26	264			32972.ANGLAIS.NST
Electronic flowmeter 2.5"	2.5" NST-NH female	2.5" NST-NH male	English	80	660			32973.ANGLAIS.NST
Electronic flowmeter 3"	3" NST-NH female	3" NST-NH male	English	130	792			32974.ANGLAIS.NST
Electronic flowmeter 4"	4" NST-NH female	4" NST-NH male	English	264	1.320			32975.ANGLAIS.NST
Electronic flowmeter 6"	6" NST-NH female	6" NST-NH male	English	2.642	5.284			33761.ANGLAIS.NST







Couplings, caps, gaskets

Couplings - Storz.....	276	Couplings - International couplings	285
Couplings - NST-NH and NPSH	279	Gaskets for couplings.....	286
Flanges	284		

Fixed half-couplings with female thread



In compliance with norm
NF E 03-005
ISO R228
DIN 259

In compliance with norm
DIN 14 306

In compliance with norm
DIN 14 307

In compliance with norm
DIN 14 308

In compliance with norm
DIN 14 309

In compliance with norm
NFPA 1963

Description	Norm	Aluminium alloy 230 PSI		Stainless steel 230 PSI		Brass 230 PSI	
		Weight (lbs)	Ref	Weight (lbs)	Ref	Weight (lbs)	Ref
D/25, 1" BSP female	DIN 14 306	0.62	05030	0.55	05230	0.51	05130
C/52, 1.5" BSP female		0.18	05032			1.87	05132
C/52, 2" BSP female	DIN 14 307	0.60	05033	1.72	05233	1.81	05133
B/75, 2" BSP female		0.95	05041				
B/75, 2.5" BSP female	DIN 14 308	0.90	05034	2.69	05234	2.78	05134
B/75, 3" BSP female		0.93	05035	2.80	05235		05135
A/110, 4" BSP female		2.43	05037	7.85	05237		05137
A/110, 4.5" BSP female	DIN 14 309	2.47	05038				05138
DN38 / 1.5", 1.5" BSP female		0.33	08186				
DN100 / 4", 4" BSP female	NFPA 1963	1.92	08188				
DN125 / 5", 5" BSP female	NFPA 1963	3.06	08189				
DN150 / 6", 6" BSP female (with three lugs)		3.90	05039				05139
DN165, 6" BSP female		5.49	34701				
DN205 / 8", 8" BSP female (with three lugs)		9.30	35971				
DN250 / 10", 10" BSP female (with three lugs)		12.72	35980				

Fixed half-couplings, male thread



In compliance with norm
NF E 03-005
ISO R228
DIN 259

Description	Aluminium alloy 230 PSI		Brass 230 PSI	
	Weight (lbs)	Ref	Weight (lbs)	Ref
D/25, 1" BSP male	0.15	05020	0.44	05120
C/52, 1.5" BSP male	0.55	05022	1.83	05122
C/52, 2" BSP male	0.53	05023		05123
B/75, 2" BSP male		16082		
B/75, 2.5" BSP male		05024		05124
B/75, 3" BSP male	0.84	05025		05125
A/110, 4" BSP male	0.82	05027		05127
DN38 / 1.5", 1.5" BSP male	0.86	08182		
DN100 / 4", 4" BSP male	1.52	08184		
DN125 / 5", 5" BSP male		08185		
DN150 / 6", 6" BSP male (with three lugs)		05029		05129

Half-couplings with multi-serrated or double-ribbed hose shank



In compliance with norm
DIN 14 301

In compliance with norm
DIN 14 321

In compliance with norm
DIN 14 322

In compliance with norm
DIN 14 323

In compliance with norm
NFPA 1963

Description	Norm	Aluminium alloy 230 PSI		Brass 230 PSI	
		Weight (lbs)	Ref	Weight (lbs)	Ref
D/25, double-ribbed hose shank Ø25	DIN 14 301	0.20	05010		05110
C/52, multi-serrated hose shank Ø45		0.79	05062	2.29	05113
C/52, double-ribbed hose shank Ø38		0.82	16195		
C/52, double-ribbed hose shank Ø52		0.82	05013	2.31	05115
B/75, multi-serrated hose shank Ø70		1.59	05063		
B/75, double-ribbed hose shank Ø75	DIN 14 322	1.57	05015		05117
A/110, double-ribbed hose shank Ø100		3.84	05042		05119
A/110, double-ribbed hose shank Ø110	DIN 14 323	3.73	05017		
DN38, multi-serrated hose shank Ø35		0.40	16536		
DN38 / 1.5", double-ribbed hose shank Ø38		0.46	08178		
DN100 / 4", double-ribbed hose shank Ø100 (with lock)	NFPA 1963		08180		
DN125 / 5", double-ribbed hose shank Ø125 (with lock)	NFPA 1963		08181		
DN150 / 6", double-ribbed hose shank Ø150 (with three lugs)		5.78	05019		
DN150 / 6", double-ribbed hose shank Ø151 (with three lugs)		6.02	22113		
DN205 / 8", double-ribbed hose shank Ø205 (with three lugs)		13.07	35792		
DN250 / 10", double-ribbed hose shank Ø254 (with three lugs, short version)		19.14	35997		
DN250 / 10", double-ribbed hose shank Ø254 (with three lugs, long version)		26.63	35987		

Caps, swivel with chain



Description	Norm	Aluminium alloy 230 PSI		Stainless steel 230 PSI		Brass 230 PSI	
		Weight (lbs)	Ref	Weight (lbs)	Ref	Weight (lbs)	Ref
D/25	DIN 14 310	0.82	05040	0.57	05240	0.60	05140
C/52	DIN 14 311	0.20	05043	1.92	05243	2.01	05143
B/75	DIN 14 312	1.19	05045	3.04	05244	3.11	05145
A/110	DIN 14 313	2.95	05047	8.07	05245		05147
DN38 / 1.5"			08190				
DN100 / 4"	NFPA 1963	2.09	08192				
DN125 / 5"	NFPA 1963	3.75	08193				
DN150 / 6" (with three lugs)		4.72	05049				05149
DN205 / 8" (with three lugs)		10.91	35972				

Female fixed half-couplings with lock



Description	Aluminium alloy 230 PSI	
	Weight (lbs)	Ref
C/52, 1.5" BSP female		16078
C/52, 2" BSP female	0.79	07150
B/75, 2.5" BSP female	1.01	07151
B/75, 3" BSP female	0.97	07152
A/110, 4" BSP female	2.51	07153
DN100 / 4", 4" BSP female (NFPA 1963)	1.94	08188
DN125 / 5", 5" BSP female (NFPA 1963)		11023
DN150 / 6", 6" BSP female	4.01	07154

Half-coupling with male swivel shank and lock



Description	Aluminium alloy 230 PSI	
	Weight (lbs)	Ref
C/52, 2" BSP male		09087
B/75, 2.5" BSP male	1.54	09088
A/110, 4" BSP male	2.76	09089
DN100 / 4", 4" BSP male (NFPA 1963)	1.96	08394
DN125 / 5", 5" BSP male (NFPA 1963)		08395
DN150 / 6", 6" BSP male		08396
DN205 / 8", 8" BSP male	6.79	35929

Special fixed Storz couplings with female thread



Type	Description	Aluminium alloy 230 PSI	
		Weight (lbs)	Ref
Beijing	Storz DN65, 2" BSP female	0.99	14088
Beijing	Storz DN65, 2" BSP female (long version)	1.50	19821
Beijing	Storz DN65, 2.5" BSP female	0.82	14089
Greece	Storz DN45, 2" BSP female	0.62	18082
NEN	Storz DN65, 2" BSP female	0.86	14952
NEN	Storz DN65, 2.5" BSP female	0.84	08187

Special fixed Storz couplings with male thread



Type	Description	Aluminium alloy 230 PSI	
		Weight (lbs)	Ref
NEN	Storz DN65, 2.5" BSP male	2.09	08183

Special Storz coupling with multi-serrated or double-ribbed hose shank



Type	Description	Aluminium alloy 230 PSI	
		Weight (lbs)	Ref
Beijing	Storz DN65, multi-serrated hose shank Ø70	1.59	21683
NEN	Storz DN65, double-ribbed hose shank Ø65		08179

Special swivel Storz couplings



Type	Description	Aluminium alloy 230 PSI	
		Weight (lbs)	Ref
Greece	Storz DN45, 1.5" BSP male	0.62	18081
NEN	Storz DN65, 2" BSP female	1.12	28515
NEN	Storz DN65, 2.5" BSP male		08194

Special swivel Storz cap with chain



Type	Description	Aluminium alloy 230 PSI	
		Weight (lbs)	Ref
NEN	Storz DN65	1.04	08191

NST-NH female thread couplings, double-ribbed hose shank



Description	Aluminium alloy 230 PSI	
	Weight (lbs)	Ref
1.5" NST-NH female, double-ribbed hose shank Ø45	0.42	07701
2.5" NST-NH female, double-ribbed hose shank Ø70	0.79	03539
4" NST-NH female, double-ribbed hose shank Ø110	2.93	07712

NST-NH female thread couplings, BSP female thread



Description	Aluminium alloy 230 PSI	
	Weight (lbs)	Ref
1.5" NST-NH female, 1.5" BSP female	0.55	07707
1.5" NST-NH female, 2" BSP female	0.44	07708
2.5" NST-NH female, 2" BSP female	0.90	02201
2.5" NST-NH female, 2.5" BSP female	0.77	03541
4" NST-NH female, 4" BSP female	2.78	07716

NST-NH female thread couplings, BSP male thread



Description	Aluminium alloy 230 PSI	
	Weight (lbs)	Ref
1.5" NST-NH female, 1.5" BSP male	0.44	07705
1.5" NST-NH female, 2" BSP male		07706
2.5" NST-NH female, 2.5" BSP male	0.90	03540
4" NST-NH female, 4" BSP male	2.43	07715
6" NST-NH female, 6" BSP male		28741

NST-NH male thread couplings, double-ribbed hose shank



Description	Aluminium alloy 230 PSI	
	Weight (lbs)	Ref
1.5" NST-NH male, double-ribbed hose shank Ø45	0.44	03495
2.5" NST-NH male, double-ribbed hose shank Ø70	0.82	03496
4" NST-NH male, triple-ribbed hose shank Ø110	2.40	07711

NST-NH male thread coupling, NST-NH female thread



Description	Aluminium alloy 230 PSI	
	Weight (lbs)	Ref
1.5" NST-NH male, 2.5" NST-NH female	1.54	03452
5" NST-NH male, 6" NST-NH female	6.39	19419
6" NST-NH male, 6" NST-NH female	7.47	19417

Adaptater couplings male NST-NH / male thread BSP



Description	Aluminium alloy 230 PSI	
	Weight (lbs)	Ref
1.5" NST-NH male / 1.5" BSP male	0.31	03506
1.5" NST-NH male / 2" BSP male	0.42	07702
2.5" NST-NH male / 2" BSP male	0.82	01626
2.5" NST-NH male / 2.5" BSP male	0.64	03507
4.0" NST-NH male / 4" BSP male	1.87	07713

NST-NH thread caps



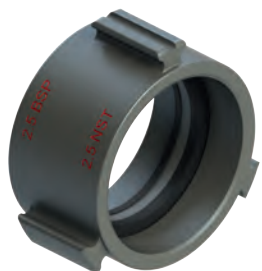
Description	Aluminium alloy 230 PSI		Bronze 230 PSI	
	Weight (lbs)	Ref	Weight (lbs)	Ref
1.5" NST-NH male	0.40	03518		
2.5" NST-NH male	0.75	03511		
1.5" NST-NH female	0.22	03520		
2.5" NST-NH female	0.73	03546	2.38	14794
4.0" NST-NH female	1.54	08374		
4.5" NST-NH female			5.73	21593

Adapter ring male thread NST-NH / male thread NST-NH



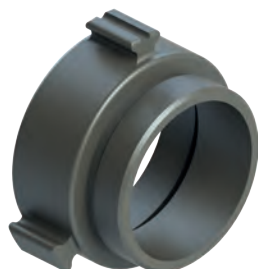
Description	Aluminium alloy 230 PSI	
	Weight (lbs)	Ref
1.0" NST-NH male / 1.0" NST-NH male	0.31	19425
1.5" NST-NH male / 1.5" NST-NH male	0.31	01825
2.5" NST-NH male / 2.5" NST-NH male	0.71	01828
3.0" NST-NH male / 3.0" NST-NH male	1.17	19426
3.0" NST-NH male / 3.5" NST-NH male	1.41	19428
3.5" NST-NH male / 3.5" NST-NH male	1.83	19427
4.0" NST-NH male / 4.0" NST-NH male	2.31	19429
5.0" NST-NH male / 5.0" NST-NH male	3.06	19430
5.0" NST-NH male / 6.0" NST-NH male	4.17	19432
6.0" NST-NH male / 6.0" NST-NH male	5.25	19431

Adapter ring female thread NST-NH / female thread BSP



Description	Aluminium alloy 230 PSI		Bronze 230 PSI	
	Weight (lbs)	Ref	Weight (lbs)	Ref
1.0" NST-NH female / 1" BSP female	0.22	08302		
1.5" NST-NH female / 1.5" BSP female	0.93	01862		
2.5" NST-NH female / 2.5" BSP female	0.64	03451		
3.0" NST-NH female / 2.5" BSP female	0.60	03450		
3.0" NST-NH female / 4" BSP female	0.97	03557		
4.0" NST-NH female / 4" BSP female	1.26	03449		
4.5" NST-NH female / 4" BSP female	1.70	07710	3.28	02814

Adapter ring female thread NST-NH / male thread BSP



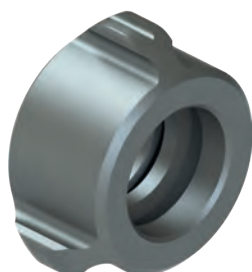
Description

2.5" NST-NH female / 2.5" BSP male

Aluminium alloy
230 PSI

Weight (lbs)	Ref
0.53	01625

Adapter ring female thread NPSH / female thread BSP



Description

1.0" NPSH female / 1" BSP female

Aluminium alloy
230 PSI

Weight (lbs)	Ref
0.22	08303

Adapter ring male thread NST-NH / female thread BSP



Description

1.5" NST-NH male / 1.5" BSP female
1.5" NST-NH male / 2" BSP female
2.5" NST-NH male / 2" BSP female
2.5" NST-NH male / 2.5" BSP female
3.0" NST-NH male / 2.5" BSP female
4.0" NST-NH male / 4" BSP female
6.0" NST-NH male / 6" BSP female

Aluminium alloy
230 PSI

Weight (lbs)	Ref	Weight (lbs)	Ref
0.22	10879	0.71	01863
0.35	07703		
0.53	10386		
0.57	07704		
0.44	08948		
1.68	07714		
2.87	28514		



Double swivel couplings with female thread NST-NH



Description	Aluminium alloy 230 PSI	
	Weight (lbs)	Ref
1.5" NST-NH female / 1.5" NST-NH female	0.62	01824
1.5" NST-NH female / 2.5" NST-NH female	0.93	18924
2.5" NST-NH female / 2.5" NST-NH female	1.37	01821
2.5" NST-NH female / 3.0" NST-NH female	1.90	19156
2.5" NST-NH female / 3.5" NST-NH female	2.51	19158
2.5" NST-NH female / 4.0" NST-NH female	3.13	19210
2.5" NST-NH female / 4.5" NST-NH female	5.40	19212
2.5" NST-NH female / 5.0" NST-NH female	4.94	19214
2.5" NST-NH female / 6.0" NST-NH female	6.02	19146
3.0" NST-NH female / 3.0" NST-NH female	2.34	19160
3.0" NST-NH female / 3.5" NST-NH female	2.91	19162
3.0" NST-NH female / 4.0" NST-NH female	3.57	19164
3.0" NST-NH female / 4.5" NST-NH female	5.71	19204
3.0" NST-NH female / 5.0" NST-NH female	5.16	19206
3.0" NST-NH female / 6.0" NST-NH female	6.28	19208
3.5" NST-NH female / 3.5" NST-NH female	3.48	19166
3.5" NST-NH female / 4.0" NST-NH female	4.03	19168
3.5" NST-NH female / 4.5" NST-NH female	6.13	19170
3.5" NST-NH female / 5.0" NST-NH female	5.71	19200
3.5" NST-NH female / 6.0" NST-NH female	6.79	19202
4.0" NST-NH female / 4.0" NST-NH female	4.19	19178
4.0" NST-NH female / 4.5" NST-NH female	6.28	19180
4.0" NST-NH female / 5.0" NST-NH female	5.71	19142
4.0" NST-NH female / 6.0" NST-NH female	6.83	19198
4.5" NST-NH female / 4.5" NST-NH female	8.14	19140
4.5" NST-NH female / 5.0" NST-NH female	7.41	19188
4.5" NST-NH female / 6.0" NST-NH female	8.31	19190
5.0" NST-NH female / 5.0" NST-NH female	6.61	19144
5.0" NST-NH female / 6.0" NST-NH female	7.56	19192
6.0" NST-NH female / 6.0" NST-NH female	7.72	19194



Adapter rings

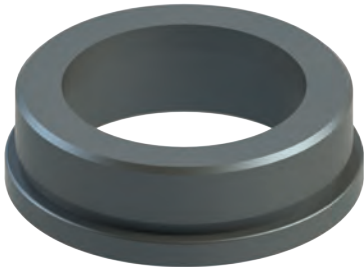


Adaptater female thread NPT / female thread BSP



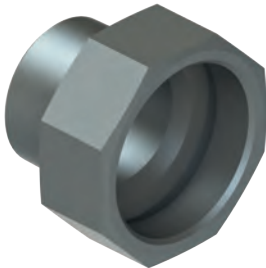
Description	Aluminium alloy 230 PSI		Bronze 230 PSI		Stainless steel 230 PSI	
	Weight (lbs)	Ref	Weight (lbs)	Ref	Weight (lbs)	Ref
0.5" NPT female / 0.5" BSP female					0.09	12712
0.75" NPT female / 0.5" BSP female				10792		
0.75" NPT female / 0.75" BSP female			0.26	01036		16533
1" NPT female / 1" BSP female	0.09	01048	0.33	01038		
1.25" NPT female / 1.25" BSP female				01039		
1.5" NPT female / 1.5" BSP female			0.49	01040		
1.5" NPT female / 2" BSP female	0.55	11898				
2" NPT female / 2" BSP female	0.44	16581		01041		
2.5" NPT female / 2" BSP female						
2.5" NPT female / 2.5" BSP female	0.64	16582	1.17	01065		
3" NPT female / 2.5" BSP female			2.67	12955		
3" NPT female / 3" BSP female		01050	2.36	01042		
4" NPT female / 4" BSP female				01032		16629

Adaptater female thread NPT / male thread BSP or ISO



Description	Aluminium alloy 230 PSI		Bronze 230 PSI	
	Weight (lbs)	Ref	Weight (lbs)	Ref
2.5" NPT female / 2.5" BSP male				02984
2.5" NPT female / ISO M70 x 150 female			1.01	02240
3" NPT female / 4" BSP male	0.95	14475		
4" NPT female / 4" BSP male		11003		

Adaptater male thread NPT / female thread BSP or ISO



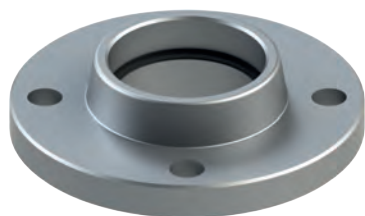
Description	Aluminium alloy 230 PSI		Bronze 230 PSI	
	Weight (lbs)	Ref	Weight (lbs)	Ref
1" NPT male / 1" BSP female	0.13	01049	0.33	07836
1.5" NPT male / 1.5" BSP female			0.95	01983
1.5" NPT male / 2" BSP female	0.37	02474		16512
2" NPT male / 2" BSP female			1.06	01822
2.5" NPT male / ISO M70 x 150 female		16239	0.84	01179
2.5" NPT male / 2" BSP female				
2.5" NPT male / 2.5" BSP female	0.40	16524	1.87	01064
3" NPT male / 2.5" BSP female	0.73	11939	2.05	21655
3" NPT male / 3" BSP female	0.62	16630	2.20	01043
4" NPT male / 4" BSP female			3.62	07729

Adaptater male thread NPT / male thread BSP



Description	Aluminium alloy 230 PSI		Bronze 230 PSI	
	Weight (lbs)	Ref	Weight (lbs)	Ref
1" NPT male / 1" BSP male	0.11	16916		
1.5" NPT male / 1.5" BSP male	0.26	01349		
2.5" NPT male / 2.5" BSP male		07733		08331
3" NPT male / 2.5" BSP male		13240		
4" NPT male / 4" BSP male			5.71	08332

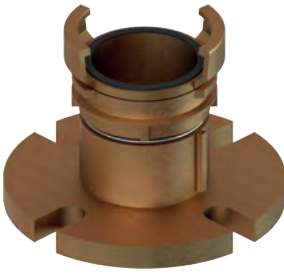
PN20 threaded flanges (ASA 150 lbs)



Description	Aluminium alloy 290 PSI	
	Weight (lbs)	Ref
Flange 3" ASA150, 3" BSP male, 4 holes Ø19 on Ø 152,4	3.22	02071
Flange 3" ASA150, 3" BSP female, 4 holes Ø19 on Ø 152,4	3.17	02070
Flange 4" ASA150, 4" BSP male, 8 holes Ø19 on Ø 190,5	5.20	03681
Flange 4" ASA150, 4" BSP female, 8 holes Ø19 on Ø 190,5	0.00	02092
Flange 6" ASA150, 6" BSP male, 8 holes Ø22 on Ø 241	8.05	02335
Flange 6" ASA150, 6" BSP female, 8 holes Ø22 on Ø 241	8.31	02348
Flange 8" ASA150, 8" BSP female, 8 holes Ø22 on Ø 298	10.71	30233



International coupling NF J 41-610 / Symmetric Guillemin

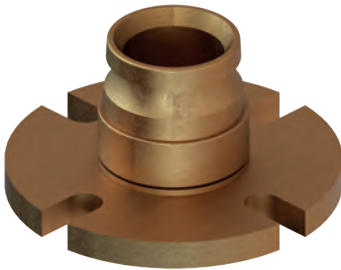


Description

SG DN65 on flange DN65 NF J 41-610

Bronze 230 PSI	
Weight (lbs)	Ref
9.24	35676

International coupling NF J 41-610 / Instantaneous



Description

2.5" Instantaneous female on flange DN65 NF J 41-610
2.5" Instantaneous male on flange DN65 NF J 41-610

Bronze 230 PSI	
Weight (lbs)	Ref
10.65	35667
8.58	35666

International coupling DIN 86 201



Description

Storz B/75 on flange DN65 NF J 41-610

Bronze 230 PSI	
Weight (lbs)	Ref
9.61	35677

Gaskets for the tip of fire hose nozzles

	Nominal diameter	Butadiene-nitrile-acrylic	
		Weight (lbs)	Ref
	1" (ø int. 0.85 x ø ext. 1.16 x w. 4)	0.29	06111
	1.5" (ø int. 1.32 x ø ext. 1.69 x w. 4)	5.14	06112
	2.5" (ø int. 1.91 x ø ext. 2.42 x w. 4)	10.10	06113
	4" (ø int. 1.91 x ø ext. 2.42 x w. 4)	10.10	06114

Packaging :100 pieces

Gaskets for couplings NST-NH NFPA 1963 (USA)

	Nominal diameter	Butadiene-nitrile-acrylic	
		Weight (lbs)	Ref
	DN 0.75" (ø int. 0.81 x ø ext. 1.44 x w. 3,18)	0.51	06171
	DN 1" (ø int. 1.06 x ø ext. 1.44 x w. 3,18)	0.33	03741
	DN 1.5" (ø int. 1.57 x ø ext. 2.05 x w. 3,18)	0.62	03742
	DN 2.5" (ø int. 2.56 x ø ext. 3.19 x w. 4,8)	1.98	03743
	DN 3" (ø int. 3.07 x ø ext. 3.76 x w. 6,4)	3.31	09763
	DN 3.5" (ø int. 3.58 x ø ext. 4.37 x w. 6,4)	4.56	19541
	DN 4" (ø int. 4.06 x ø ext. 5.12 x w. 6,4)	7.10	09764
	DN 4.5" (ø int. 4.61 x ø ext. 5.87 x w. 6,4)	9.61	09765
	DN 5" (ø int. 5.05 x ø ext. 6.38 x w. 6,4)	10.85	19542
	DN 6" (ø int. 6.06 x ø ext. 7.13 x w. 6,4)	10.23	19543

Packaging :100 pieces

Gasket for Guillemin couplings

	Nominal diameter	Butadiene-nitrile-acrylic		Teflon	
		Weight (lbs)	Ref	Weight (lbs)	Ref
	1.5" (ø int. 1.69 x ø ext. 2.01 x w. 5)	0.66	06004	0.01	06034
	2" (ø int. 2.13 x ø ext. 2.52 x w. 5)	1.04	06005	0.02	06035
	2.5" (ø int. 2.72 x ø ext. 3.11 x w. 6)	1.57	06006	0.03	06036
	3" (ø int. 3.35 x ø ext. 3.78 x w. 6)	2.12	06007	0.04	06037
	4" (ø int. 4.07 x ø ext. 4.63 x w. 7)	3.75	06008	0.08	06038
	6" (ø int. 6.14 x ø ext. 7.01 x w. 8,5)	10.41	06009		

Packaging: butadiene nitrile acrylic: 100 pieces, téflon: unit

Gasket for flat flanges

	Nominal diameter	Fibre composite + elastomer	
		Weight (lbs)	Ref
	1.5"		16211
	2"		16548
	3"		16234
	4"		16208
	6"		16209

Packaging :100 pieces

Gasket for "Storz" couplings for suction

	Nominal diameter	Butadiene-nitrile-acrylic		White food ind.	
		Weight (lbs)	Ref	Weight (lbs)	Ref
	D/25	0.0057	06131		
	DN38	0.0143	06132		
	DN45	0.0154	15211		
	C/52	0.0216	06133	2.16	16420
	DN65	0.0271	06134		
	B/75	0.0368	06135	3.6817	16421
	DN100	0.0478	06136	4.7840	16422
	A/110	0.0763	06137	7.6280	16423
	DN125	0.0966	06138		
	DN150	0.0800	06139		
	DN200	0.2509	27197		
	DN250	0.3538	35982		

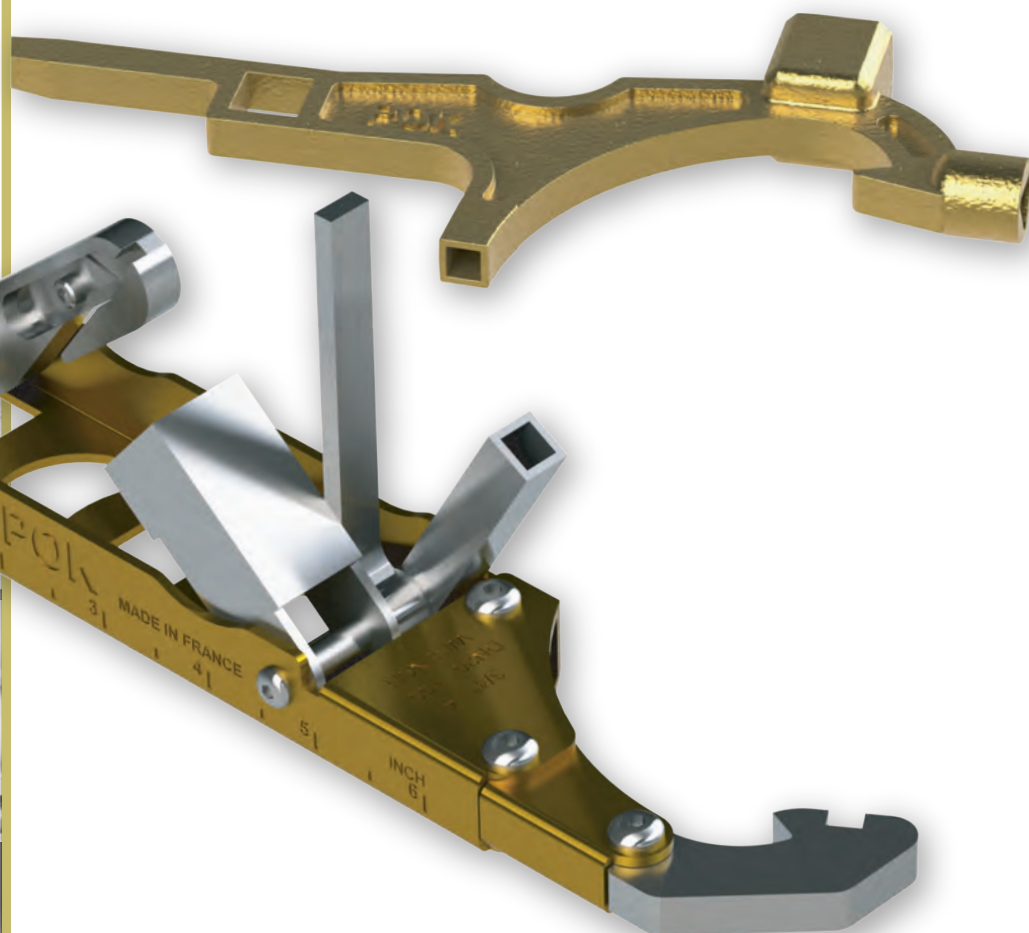
Packaging : butadiene-nitrile-acrylic: unit, white food ind.: 100 pieces

Gaskets for "Storz" couplings for discharge

	Nominal diameter	Butadiene-nitrile-acrylic		White food ind.	
		Weight (lbs)	Ref	Weight (lbs)	Ref
	C/52	0.0198	06123	1.9842	16424
	B/75	0.0309	06125	3.0865	16425
	A/110			4.1888	16426

Packaging : butadiene-nitrile-acrylic: unit, white food ind.: 100 pieces





Spanner wrenches

Wrenches - Spanner wrenches290
Wrenches - Multipurpose spanner wrenches292

Wrenches and storage brackets for US couplings.....294

Spanner wrench for couplings from 1" to 2.5"

In steel, covered with epoxy resine.



Description	Weight (lbs)	Ref.
Spanner wrench for couplings from 1" to 2.5"	0.49	03147

Spanner wrenches for couplings from 1" to 5"

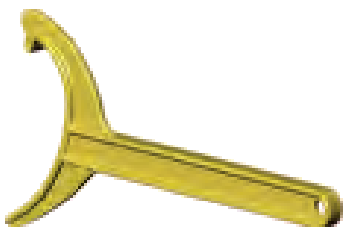
In steel, covered with epoxy resine.



Description	Weight (lbs)	Ref.
Spanner wrench for couplings from 1" to 5", standard model (Red)	0.93	03148
Spanner wrench for couplings from 1" to 5", strengthened model (Blue)	1.21	01312

Spanner wrench for couplings from 1" to 2.5", in aluminium bronze

In aluminium bronze, anti-sparks.



Description	Weight (lbs)	Ref.
Spanner wrench for couplings from 1" to 2.5"	0.22	02174

Universal spanner wrench for couplings from 1" to 5", in aluminium bronze

In aluminium bronze, anti-sparks.



Description	Weight (lbs)	Ref.
Universal spanner wrench for couplings from 1" to 5"	0.28	01977

Petroleum type spanner wrench for couplings from 2" to 4", in aluminium bronze

In aluminium bronze, anti-sparks.



Description	Weight (lbs)	Ref.
Petroleum type spanner wrench for couplings from 2" to 4"	0.49	02016

All diameter spanner wrench for couplings from 1" to 4", in aluminium bronze

In aluminium bronze, anti-sparks.

Description	Weight (lbs)	Ref.
All diameter spanner wrench for couplings from 1" to 4"		07200



Double joints spanner wrenches

In quality chrome steel.

Description	Weight (lbs)	Ref.
N°1, for couplings from 1" to 1.5"	0.46	03844
N°2, for couplings from 1.5" to 3"	0.95	27518
N°3, for couplings from 3" to 4"	1.79	03846
N°4, for couplings from 4" to 5"	2.54	03847



DIN 14 822 wrenches, for Storz couplings

In galvanized steel, with plasticized handle.

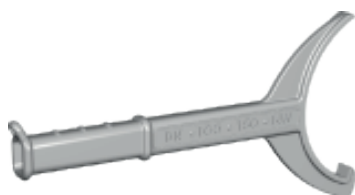
Description	Weight (lbs)	Ref.
For couplings C/52 and B/75	0.60	02714
For couplings A/110, B/75 and C/52	1.48	02715
For couplings DN150 / 6", DN165 / 8" and DN250 / 10"	5.84	37184



Aluminium alloy spanner wrenches

In aluminium alloy.

Description	Weight (lbs)	Ref.
For couplings from 2" to 4"	0.77	02302
For couplings from 4" to 6"	1.34	02300
For Storz couplings from DN125 / 5" to DN250 / 10"	1.43	37254



"Sesame" spanner wrench



This model has equipped the Fire Brigade of Paris for fifteen years! It is slowly replaced by the "Poky" wrench. The Sesam model provides eight functions: the tightening of couplings with nominal diameter 1" to 4", opening EDF and GDF (the French energy and gas companies) boxes with a 0.47" female triangle, opening windows and doors without handles with 0.26" female square, opening tilting windows with 0.28" male triangle, opening ductwork and fire cabinets with 0.2x0.2" to 0.31x0.31" mm truncated pyramid square, opening aluminium locks of modern bathrooms with the screwdriver, opening sockets with female square of 0.49" mm and finally, opening bottles with the bottle opener.

Description	Weight (lbs)	Ref.
"Sesame" spanner wrench	0.40	02229
Clasp	0.04	01239

"Deschamps" spanner wrench



This model equips most of the French firemen outside the capital. It has eleven functions : tightening couplings of nominal diameter 1" to 4", opening old and new EDF and GDF (the French energy and gas companies) boxes with 0.51" equilateral female triangle, opening hydrants with the 0.61" female square, opening windows and doors without handle with the female square 0.26", opening of ventilation ducts and fire cabinets with the truncated pyramid square of 0.2x0.2" to 0.31x0.31", opening aluminium locks of modern bathrooms with the screwdriver, opening dry standpipes with 0.49 mm female square, the loosening of nuts with the hexagone socket 0.51", 0.67", and 0.75", and finally the bottle opener.

Description	Weight (lbs)	Ref.
"Deschamps" spanner wrench	0.44	02438

"Poky" spanner wrench



Design approved by the Fire Brigade of Paris and acclaimed for its robustness and ergonomics. This wrench provides all the key functions for interventions: tightening couplings of nominal diameter 1" to 4", opening old and new EDF and GDF (the French energy and gas companies) boxes with 0.51" equilateral female triangle, opening hydrants with the 0.59" female square, opening handleless windows and doors with 0.26" square socket, the opening of ventilation ducts and fire cabinets with truncated pyramid square of 0.2x0.2" to 0.31x0.31", and opening dry standpipes with 0.51 mm female square.

Description	Weight (lbs)	Ref.
"Poky" spanner wrench	0.51	02477

4 fonctions gas wrench



In bronze, anti-sparks material, this wrench has :

- 1x male square of 0.24x0.24" to 0.35x0.35".
- 1x flat 0.35x0.16.
- 1x female square of 0.59x0.59".
- 1x female triangle of 0.47.

Description	Weight (lbs)	Réf.
"Gas" wrench	0.44	30790

"Skeletal" spanner wrench

In stainless steel, with double articulation and folding pin, for coupling from 1" to 4".



Description	Weight (lbs)	Ref.
"Skeletal" spanner wrench	0.60	23153

"Gung Ho" series spanner wrenches

Functions: spanner wrench with double articulation, chalk holder, 0.26" female square, 0.2x0.2" to 0.31x0.31" male square key with pyramidal body, hook and small flat screwdriver, 0.51" equilateral triangle, belt-cutter with interchangeable blade, flat wrench 0.16x0.35", body with various functions. Delivered with belt bag.



Description	Weight (lbs)	Ref.
GUNG HO TOOL, stainless steel body	0.97	19988
GUNG HO LITE, aluminium alloy body	0.60	23351
12 pastels box, Ø 0.31" x 2.36"	0.11	24760

"Rescue" series spanner wrenches

Functions: spanner wrench with double articulation, 0.26" female square, 0.20" to 0.31" male square key with pyramidal body, belt-cutter with interchangeable blade, flat wrench 0.16x0.35", 0.59" female square to open and close irrigations, 0.51" equilateral triangle, body with various functions. Delivered with belt bag.



Description	Weight (lbs)	Ref.
RESCUE, stainless steel body	0.99	24539
RESCUELITE, aluminium alloy body	0.60	24682

Wrench or gloves holder



Description	Weight (lbs)	Ref.
Wrench or gloves holder	0.33	02289

Snap hook for spanner wrenches



Description	Weight (lbs)	Ref.
Snap hook	0.04	01239

Universal wrench



In aluminium alloy, for US couplings from 0.75 to 6".

Description	Weight (lbs)	Ref.
Universal wrench	0.60	14840

Single hook adjustable wrench

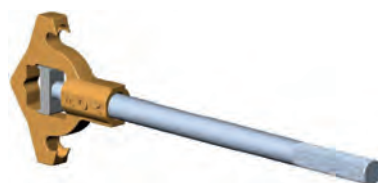


Bronze head and chromium steel handle. Adjustable wrench for hydrants and US couplings:

- Pentagone until 1.75"
- Square until 1.25"
- 1 hook for couplings from 0.75 to 6"

Description	Weight (lbs)	Ref.
Adjustable wrench single hook	5.49	15661

Double hook adjustable wrench



Bronze head and chromium steel handle. Adjustable wrench for hydrants and US couplings:

- Pentagone until 1.75"
- Square until 1.25"
- Two hooks for couplings from 0.75 to 6"

Description	Weight (lbs)	Ref.
Adjustable wrench double hook	6.53	15656

Storage bracket for US wrenches



Description	Weight (lbs)	Ref.
Storage bracket for US wrenches	2.23	15702
Storage bracket + 1 adjustable wrench single hook (ref: 15661) + 2 universal wrenches (ref: 14840)	8.91	15726
Storage bracket + 1 adjustable wrench double hook (ref: 15656) + 2 universal wrenches (ref: 14840)	9.94	15727

US fire hydrants wrench



In aluminium alloy, long wrench for US hydrants (for example to access hydrants covered by snow):

- Pentagone until 1.75"
- Square until 1.25"
- Star triangle until 1.62"

Options of shapes on 28461



Pentagone (USA)

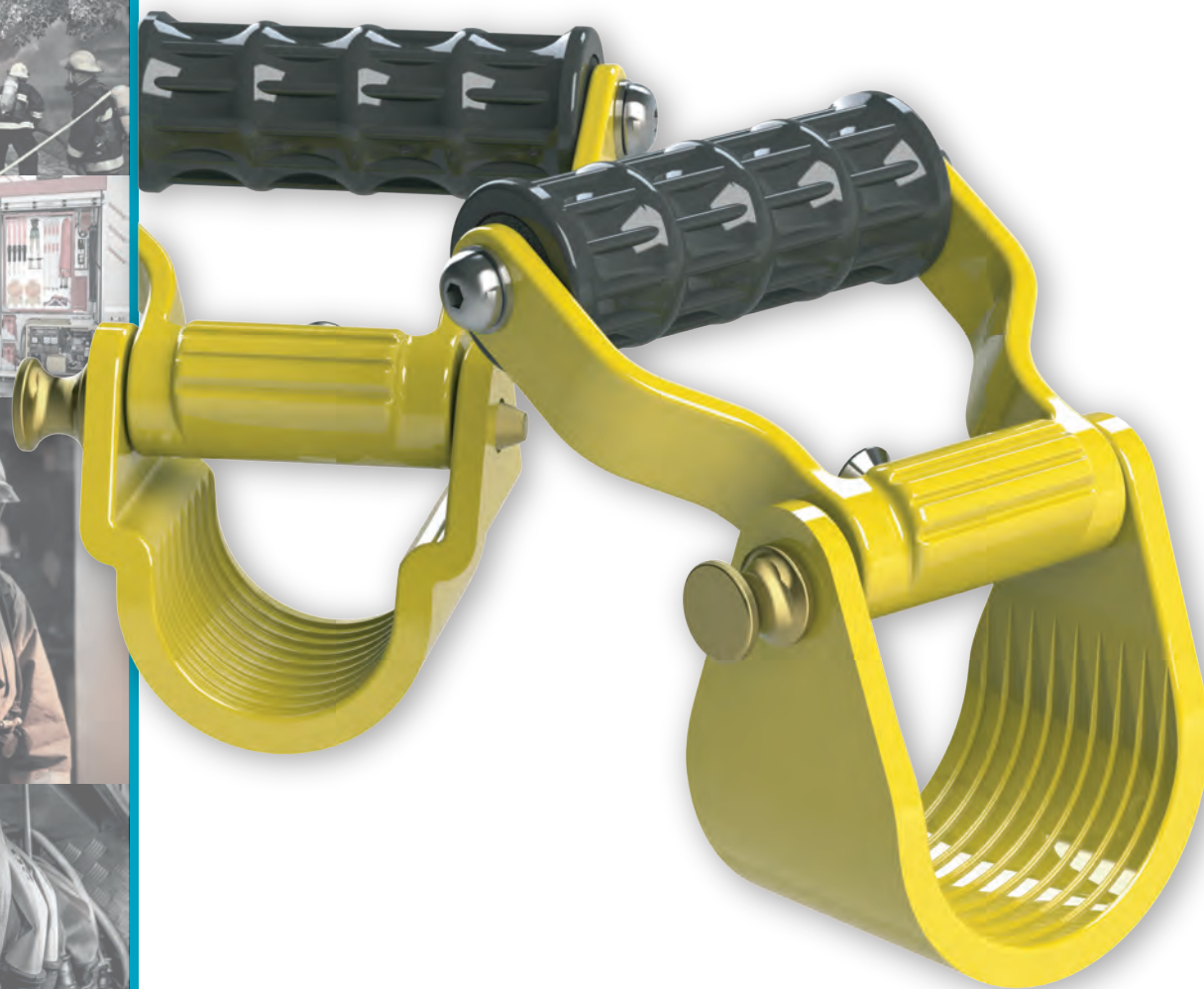


Star
Triangle of 1.62" (DIN)



Square 1.26"

Description	Weight (lbs)	Ref.
Wrench for US fire hydrants	5.11	28461
Extension for wrench	4.06	28481



Hoses, accessories and operation tools

Hoses and collar for hoses	296
Hoses accessories.....	297
Tools and equipment mounts.....	299

Stirrup pump	300
Tools.....	301

Semi-rigid hoses "Pokaposte"



Nominal diameter	Length (ft)	Without coupling		With crimped couplings in aluminium			With crimped couplings in bronze		
		Weight (lbs)	Ref.	Couplings	Weight (lbs)	Ref.	Couplings	Weight (lbs)	Ref.
1"	65		09482	1" NST-NH		09488.NST	1" NST-NH		09494.NST
1"	100		09483	1" NST-NH		09489.NST	1" NST-NH		09495.NST
1"	130		09484	1" NST-NH		09490.NST	1" NST-NH		09496.NST
1.3"	65		09485	1.5" NST-NH		09491.NST	1.5" NST-NH		09500.NST
1.3"	100		09486	1.5" NST-NH		09492.NST	1.5" NST-NH		09501.NST
1.3"	130		09487	1.5" NST-NH		09493.NST	1.5" NST-NH		09502.NST

Semi-rigid hoses "Pokaposte"



Nominal diameter	Length (ft)	Without coupling		With crimped couplings in aluminium			With crimped couplings in bronze		
		Weight (lbs)	Ref.	Couplings	Weight (lbs)	Ref.	Couplings	Weight (lbs)	Ref.
1"	65		09503				1" NST-NH		09505.NST
1"	130		09404				1" NST-NH		09506.NST

Three pieces collar for hoses (for "PIL" hoses)



Description	Weight (lbs)	Ref.
For hose ø 1.5" (3 screws M6-25)		06201
For hose ø 1.75" (3 screws M6-25)		06202
For hose ø 2" (3 screws M6-25)		06203
For hose ø 2.5" (3 screws M6-25)		06205
For hose ø 2.75" (3 screws M8-30)		06206
For hose ø 3" (3 screws M8-30)		06207
For hose ø 3.5" (3 screws M8-30)	0.86	06208
For hose ø 4" (3 screws M10-35)	1.39	06209
For hose ø 4.33" (3 screws M10-35)	1.63	06210
For hose ø 5" (3 screws M10-35)	1.79	06211
For hose ø 6" (3 screws M10-35)	2.98	06212
For hose ø 8" (6 screws M12-40)	6.90	35797
For hose ø 10" (9 screws M12-40)	10.05	35994

Single bolt collar for semi-rigid hoses



Description	Weight (lbs)	Ref.
Collar for hose ø 1"	0.11	06232
Collar for hose ø 1.3"	0.11	06233

Hose bridges in aluminium



A bridge is a combination of two halves which fit together, four halves are sufficient to enable a vehicle to pass. Maximum load: 4 tons per car axle. Max speed: 3 mph

Description	Weight (lbs)	Ref.
Each half-bridge		03123

Hose bridges in rubber



Max load: 13 tons per half. Four halves are sufficient to enable a vehicle to pass.

Description	Weight (lbs)	Ref.
Bridge for two hoses of 2"3/4		03236
Bridge for two hoses of 4"1/3		03237

Hose puller



Diameter of hose	Weight (lbs)	Ref.
DN 3"		35043
DN 2.5"	3.31	28905
DN 2"	3.31	28912
DN 1.75"	3.31	29361



Hose restraint



Description	Weight (lbs)	Ref.
Hose restraint for 4" hose		16363
Hose restraint for hoses from 1.5" to 2.75"		16364

Fire-hose strangler



Description	Weight (lbs)	Ref.
Fire-hose strangler		01930

Cover ban for fire-hose leaks in linen



Description	Weight (lbs)	Ref.
Cover ban for fire-hose leaks		03124

Hose anti-leakage Shutter



These devices consist of an articulated curved arch on a plate. A cam lever at the end of the arch acts as a locking mechanism. To use: open the lock, insert the hose with the leak side towards the plate, close the lever, and lock with the cam lever. An opening at the top allows for a 0.1 inch cord to prevent the accidental release of the locking mechanism while the hose is operated.

Description	Weight (lbs)	Ref.
Anti-leakage shutter for hose P.I.L. of 1.75"		03399
Anti-leakage shutter for hose P.I.L. of 2.75"	0.55	03373
Anti-leakage shutter for hose P.I.L. of 4.33"		09831

Device to clean hoses of 3"



Description	Weight (lbs)	Ref.
Storz C/52 coupling	7.94	29072
2" BSP male	7.34	29415

Tools and equipment mounts

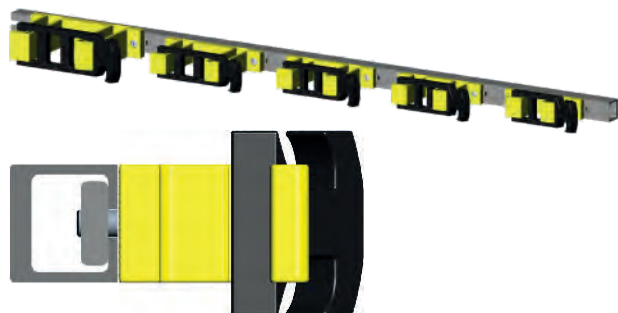


Support in rigid plastic and closing straps in resilient elastomer. Helps to fix firmly cylindrical equipments, the support can be used to mount tools/equipment in any position, quick and safe open/close operation.

Material : polypropylene and nitrile

For diameter	Mount		Extender	
	Weight (lbs)	Ref.	Weight (lbs)	Ref.
DN38 - 1.5"	0.33	17017	0.37	17869
DN51 - 2"	0.40	17020	0.40	17868
DN60 - 2.375"	0.44	15190	0.44	17867
DN76 - 3"	0.53	15188	0.46	17866
DN90 - 3.5"	1.06	15184	0.55	17865

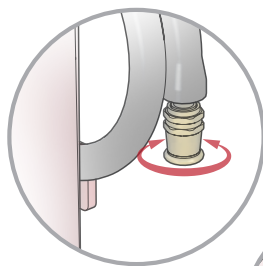
Rail and rail-nut



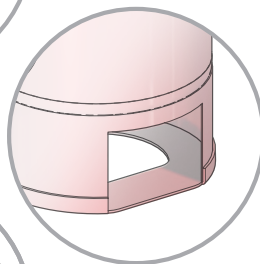
Maximum length: 20 ft

Description	Weight (lbs)	Ref.
Rail (specify length when ordering)	2.76 per meter	17864
Rail-nut of 38 (1.5")	0.18	19567
Rail-nut of 51 (2")	0.20	19568
Rail-nut of 60 (2.375")	0.20	19569
Rail-nut of 76 (3")	0.22	19570
Rail-nut of 92 (3.5")	0.26	19571

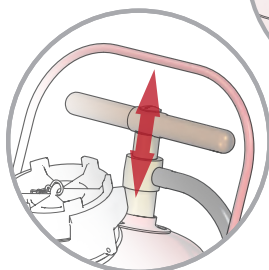
Stirrup pump



The stream pattern can be changed by rotating the nozzle tip.



Section cut out in the base to maintain stable position on the floor



Operate the pump using the large wooden handle

Capacity : 4 gallons
Material : aluminium alloy, brass and wood
Surface treatment : polyester coating
Throwing range : 39 feet

Our stirrup pump we baptised "Chimney fire" is composed of an aluminium container allowing up to 4 gallons. The pump is operated using a large wooden handle and a semi-rigid pipe of 6 feet.

It comes with a 3 GPM nozzle tip having selectable stream pattern positions: straight jet, spray and closed.

A section cut out in the base enables a foot to keep the pump maintained on the floor and an easy operation.



Flow rate (GPM)	Capacity (gallon)	Dimensions (inches)	Weight (lbs)	Réf.
3	4	13.39 x 12.05 x 24.02	13.82	33730

Fire axe



Description	Weight (lbs)	Ref.
Fire axe		16110

Protection for axe



Description	Weight (lbs)	Ref.
Protection for axe		16115

Hook



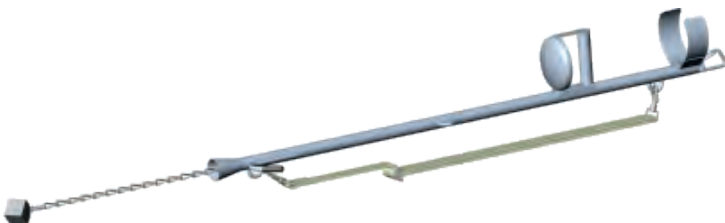
Description	Weight (lbs)	Ref.
Hook with handle		16631
Hook without handle		16100
Handle 2x 6ft for hook		16101

Anchor 3 feet



Description	Weight (lbs)	Ref.
Anchor 3 ft		16102

Window breaker in stainless steel



Description	Weight (lbs)	Ref.
Window breaker in stainless steel	5.51	20976

Axe to break doors



Description	Weight (lbs)	Ref.
Axe to break doors		26205

Protection for axe



Description	Weight (lbs)	Ref.
Protection for axe		26206

Crow bar



Description	Weight (lbs)	Ref.
Crow bar big model		18845
Crow bar small model		16109

Protection for small crow bar model



Description	Weight (lbs)	Ref.
Protection for small crow bar model		18649

Sewer cylinders for unblocking sewers



Description	Aluminium		Bronze	
	Weight (lbs)	Ref.	Weight (lbs)	Ref.
DN40, 1.5" NST-NH female		02278		
DN65, 2.5" NST-NH female		02273		



Annex

Conditions of sale	304
Threads chart	306
NST-NH threads	307
BSP threads.....	308
Flanges dimensions.....	309
Fire nozzles flow rate	310
Fire nozzles reaction force	311

Horizontal stream trajectories	312
Vertical stream trajectories	313
Metric-imperial conversion	314
Pressure conversions	315
POK, its name is a story... ..	316
Index by code	317

1. Warranty

Our products are guaranteed for two years from the date of receipt. The warranty covers faults with the raw materials and any defect in the production such as those defined in articles 1641 and the following found in the French Civil Code. The cost of labour to eliminate these defects in our workshops is also covered. The guarantee is limited to the replacement of the defective piece. You will not be able to receive monetary compensation. The cost of shipping is not covered under this warranty. The warranty will not apply if we are able to determine that the materials have been damaged by:

- Normal wear and tear from proper usage of the product
- Incorrect usage of the product
- Accidents caused by negligence
- Lack of proper attention to the product
- Failure to maintain effective upkeep of the product
- Not conforming to standards for using the product
- Altering the product to use it outside of its professional usages
- Improper storage of the product

2. Sales

When placing an order, the client accepts the present conditions. They can not be modified by any provision in favor of the buyer or his commercial interests. All first purchases must be accompanied with a bank statement permitting us to open an account. The order, including the client notes and any commitments made by our agents, are not valid until we have acknowledged receipt of the order. Orders which have a net cost before taxes of less than our minimum order price of 150 € will be increased at the fixed amount of 50 €.

3. Price

Our prices are established based on the rates in effect on the day the merchandise is shipped.

They are ex-Works Nogent-Sur-Seine (France), packing and freight charges in addition, even when we do advance payment of the freight.

4. Payment

Time allotted to pay any invoice has to be concluded with the sales department. In a case of late payment, interest will be charged from the due date. All disputes relating to the settlement of the order are under the jurisdiction of the Court of Commerce in Troyes (Tribunal de Commerce de Troyes). Our money orders or acceptances are neither novations nor exceptions from this jurisdiction clause, even in the case of a warranty claim or if there are several defendants. Payment for merchandise may not be changed or delayed due to any delays in delivery of merchandise. Any failure on the part of the buyer in the execution of the payment of one or more of the agreed-upon invoices with the supplier will cause the cancellation of the sale and will give the seller the right to reclaim the property. For amounts less than 250€, payment by bank transfer is demanded upon receipt of the invoice.

5. Shipping

The delivery time mentioned on the Acknowledgment of Receipt of Order is simply a prediction based on current conditions. Any delay will not be our responsibility. In the case of a major event (such as strikes, lock-outs, epidemics, requisition, war, revolution, or natural disaster), we will be released from any obligations taken under our Acknowledgement of Receipt of Order. Shipments are made according to the best rates of transport that we are able to find while also taking into account the quality of service. The cost of shipping and handling are charged to the customer regardless of any divisions of the order. All orders amounting to more than 600€, excluding taxes, will receive free shipping to the destination if the order is for France; this excludes the first order and opening of an account where free shipping is only given for orders over 1525€, excluding taxes. All the orders for export are ex-Works Nogent-Sur-Seine (France).

It is possible to ask for express shipping or to split the shipping of an order. However, the price of shipping and handling will be applied to each delivery.

Any dispute or complaint relating to our deliveries must be submitted in writing within 15 days of the date of delivery.

6. Returns

All returns must be subject to an agreement with our services. In all cases, returns must be addressed to our factory, freight and taxes paid by the customer. Nonstandard and customized merchandise, merchandise that has been damaged or modified may not be returned. Standard merchandise that is in good condition may be returned within 12 months after shipment at the latest. A 30% decrease in the sales price will be applied.

7. Shipping & Delivery

Once it is shipped, the merchandise is the responsibility of the transport company. In the event of damaged or missing merchandise, it is advised to point it out in writing on the carrier receipt and to send a registered letter to the carrier within 48 hours of receipt of merchandise.

8. After-sales service

The transit of material carries a transfer of risks of loss or destruction of merchandise, subject to the damage that could occur. In this event, a quote is sent to the customer within 10 days. After accepting this quote by means of a purchase order, the products are returned within maximum 10 days. The cost of shipping remains the responsibility of the customer. If the customer does not respond within four weeks after the delivery of the estimate, the customer will be reminded per email. If there is no response within 3 months, the merchandise will be destroyed. In the case of a refusal, the merchandise will be returned at the customers expense.

9. Catalogue

Any images or drawings depicted in our catalogue or other documents are only meant to be a guide and are not eligible for dispute or complaint. We use the commonly accepted dimensions and specifications for our merchandise. We reserve the right to modify or change at any moment the merchandise shown in the catalogue or to stop the sale of these items, and this may not be held against us in any form.

If a thread gauge and caliper are not available, and a sample cannot be sent, the following method can be used to obtain the correct outside diameter and pitch of the thread needed.

- 1 - Cut a strip of paper about 1.0" wide, long enough to wrap tightly around the circumference of the male thread and overlap at the ends.
- 2 - With a pin, pierce through both layers of the paper.
- 3 - Press your thumb firmly against the thread hard enough to make a thread impression on the strip.
- 4 - Remove the strip and circle the pinholes on the strip with a pencil.
- 5 - Divide the distance between the pinholes by 3.1416. The result is the ODM (outside diameter of the male).

It is important that both the ODM and threads per inch (pitch) of the male part are given when ordering. Always include the paper strip with your correspondence. If not specified, "V" sharp thread will be furnished.

Size	National Standard NH		Straight Iron Pipe NPSH		New York City FD FDNY		New York Corp NYC		Pacific Coast PCT		Chicago Fire Dept CFD		British Standard BSP	
	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI
3/4"	1.375	8	1.0353	14					1.0625	11			1.041	14
1"	1.375	8	1.295	11.5	1.660	8			1.3125	12			1.309	11
1 1/4"	1.6718	9	1.6399	11.5					1.860	11			1.650	11
1 1/2"	1.990	9	1.8788	11.5	2.100	8	2.093	11	2.100	11	1.933	11.5	1.882	11
2"	2.515	8	2.3528	11.5			2.561	11	2.550	10			2.347	11
2 1/2"	3.068	7.5	2.841	8			3.000	8	3.046	7.5	2.990	7.5	2.960	11
3"	3.6239	6	3.470	8	3.030	8							3.460	11
3 1/2"	4.2439	6	3.970	8	3.630	8					4.052	8		
4"	5.0109	4	4.470	8	4.070	8					5.011	4	4.450	11
4 1/2"	5.7609	4	4.970	8	4.610	8					5.761	4	4.950	11
5"	6.260	4	5.535	8	5.800	4					6.260	4	5.450	11
6"	7.025	4	6.592	8							7.024	4	6.450	11

Canadian Suction Hose

Size	Lafrance			Mack Truck			King Seagrave			American Marsh			Pierre Thibault		
	ODM	TPI	Shake	ODM	TPI	Shake	ODM	TPI	Shake	ODM	TPI	Shake	ODM	TPI	Shake
4"	5.085	4	0.050	4.999	4	0.050	4.938	4	0.050	4.995	4	0.050	4.660	5	0.045
4.5"	5.750	4	0.050	5.760	4	0.050	5.750	4	0.050	5.750	4	0.050	5.720	4	0.060
5"	6.150	4	0.050	6.230	4	0.050	6.073	4	0.050	6.062	4	0.050	6.240	4	0.035
6"	7.000	4	0.050	6.980	4	0.050	7.073	4	0.050	6.980	4	0.050	6.940	4	0.074

Suction Hose Threads

Size	American Lafrance			Hale Fire Pump			Mack Truck			Maxim			Pirsch Thread			Seagrave FWD			Waterous			Ward Lafrance		
	ODM	TPI	Shake	ODM	TPI	Shake	ODM	TPI	Shake	ODM	TPI	Shake	ODM	TPI	Shake	ODM	TPI	Shake	ODM	TPI	Shake	ODM	TPI	Shake
4"	5.085	4	0.050	5.010	4	0.050	5.0109	4	0.060	5.000	4	0.050	5.000	4		4.955	4	0.060	5.010	4	0.060	5.010	4	0.050
4.5"	5.760	4	0.050	5.760	4	0.050	5.760	4	0.050	5.750	4	0.050	5.750	4					5.760	4	0.060	5.760	4	0.050
5"	6.150	4	0.050	6.260	4	0.050				6.250	4	0.050	6.250	4		6.055	4	0.050	6.260	4	0.060	6.260	4	0.050
6"	7.000	4	0.050	7.025	4	0.050	6.955	4	0.050	7.000	4	0.050	7.000	4		7.055	4	0.050	7.261	4	0.060	7.025	4	0.050

Canadian Standard 2.5" Hose Threads

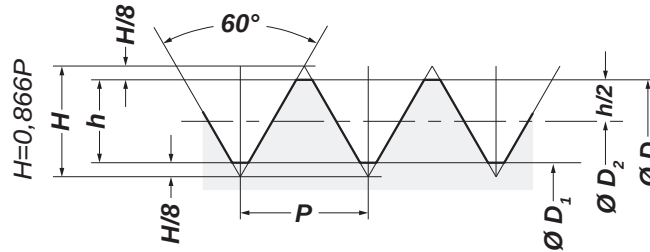
		ODM	TPI
AMA	Alberta Mutual Aid	2.990	8
BCT	British Columbia	3.000	8
CSA	Canadian Standards Association - Ontario	3.125	5
QST	Province of Quebec Standard	3.031	7
WCT	Western Canada Fire Underwriters	3.250	6
NSC	Nova Scotia - Zone 1	3.230	5
QMT	Quebec / Montreal Combination	3.031	7

ODM = Outside Diameter of Male

TPI = Thread per Inch.

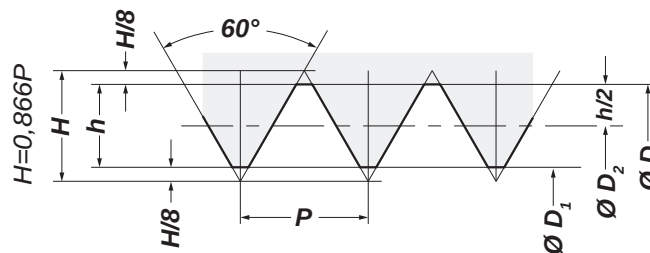


External cylindrical thread



Designation		Step P (inches)	Number of threads per inch	Depth h (inches)	Exterior diameters D			Side diameters D ₂			Nut diameters D ₁ (inches)
Inches					Minimum (inches)	Maximum (inches)	Tolerance (inches)	Minimum (inches)	Maximum (inches)	Tolerance (inches)	
3/4"											
1"	1-8NH	0.125	8	0.081	1.353	1.375	0.022	1.283	1.294	0.011	1.213
1 1/4"											
1 1/2"	1,5-9NH	0.111	9	0.072	1.968	1.990	0.022	1.907	1.918	0.011	1.846
2"	2-8 NH	0.125	8	0.081	2.484	2.516	0.032	2.418	2.434	0.016	2.353
2 1/2"	2,5-7,5NH	0.133	7.5	0.087	3.037	3.069	0.032	2.966	2.982	0.016	2.895
3"	3-6NH	0.167	6	0.108	3.588	3.624	0.036	3.498	3.516	0.018	3.403
3 1/2"	3,5-6NH	0.167	6	0.108	4.208	4.244	0.036	4.118	4.136	0.018	4.027
4"	4-4NH	0.250	4	0.162	4.961	5.011	0.050	4.824	4.849	0.025	4.686
4 1/2"	4,5-4NH	0.250	4	0.162	5.711	5.761	0.050	5.574	5.599	0.025	5.436
5"	5-4NH	0.250	4	0.162	6.210	6.260	0.050	6.073	6.098	0.025	5.935
6"	6-4NH	0.250	4	0.162	6.975	7.025	0.050	6.838	6.863	0.025	6.700

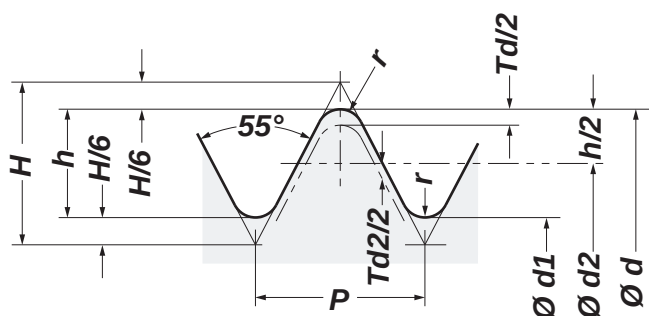
Internal cylindrical thread



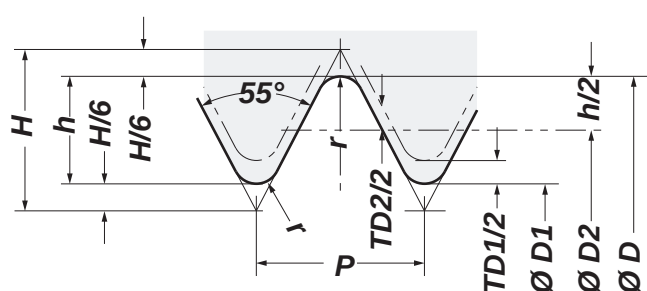
Designation		Step P (inches)	Number of threads per inch	Depth h (inches)	Exterior diameters D			Side diameters D ₂			Nut diameters D ₁ (inches)
Inches					Minimum (inches)	Maximum (inches)	Tolerance (inches)	Minimum (inches)	Maximum (inches)	Tolerance (inches)	
3/4"											
1"	1-8NH	0.125	8	2.062	0.081	1.247	0.022	1.306	1.317	0.011	1.387
1 1/4"		0.000									
1 1/2"	1,5-9NH	0.111	9	1.833	0.072	1.880	0.022	1.930	1.941	0.011	2.002
2"	2-8 NH	0.125	8	2.062	0.081	2.400	0.032	2.449	2.465	0.016	2.563
2 1/2"	2,5-7,5NH	0.133	7.5	2.200	0.087	2.942	0.032	2.997	3.013	0.016	3.084
3"	3-6NH	0.167	6	2.750	0.108	3.458	0.036	3.531	3.549	0.018	3.639
3 1/2"	3,5-6NH	0.167	6	2.750	0.108	4.083	0.036	4.156	4.174	0.018	4.264
4"	4-4NH	0.250	4	4.124	0.162	4.761	0.050	4.874	4.899	0.025	5.036
4 1/2"	4,5-4NH	0.250	4	4.124	0.162	5.511	0.050	5.624	5.649	0.025	5.786
5"	5-4NH	0.250	4	4.124	0.162	6.010	0.050	6.123	6.148	0.025	6.285
6"	6-4NH	0.250	4	4.124	0.162	6.775	0.050	6.888	6.913	0.025	7.050



External cylindrical thread



Internal cylindrical thread



Units		Step P (inches)	Number of threads per inch	Depth h (inches)	Diameters			Exterior thread		Interior thread	
Inch	Millimeters				Exterior D=d (inches)	Side D2=d2 (inches)	Nut D1=d1 (inches)	Side (classe B)	Top Td	Side Td2	Top Td1
0.25"	6	0.0526	19	0.0337	0.5180	0.4843	0.4506	-0.0098	-0.0098	+ 0.0049	+ +0.0175
0.375"	10	0.0526	19	0.0337	0.6560	0.6223	0.5886	-0.0098	-0.0098	+ 0.0049	+ 0.0175
0.5"	15	0.0714	14	0.0457	0.8250	0.7793	0.7335	-0.0112	-0.0112	+ 0.0056	+ 0.0213
0.75"	20	0.0714	14	0.0457	1.0410	0.9952	0.9495	-0.0112	-0.0112	+ 0.0056	+ 0.0213
1"	25	0.0909	11	0.0582	1.3090	1.2508	1.1926	-0.0142	-0.0142	+ 0.0071	+ 0.0252
1.25"	32	0.0909	11	0.0582	1.6500	1.5918	1.5335	-0.0142	-0.0142	+ 0.0071	+ 0.0252
1.5"	40	0.0909	11	0.0582	1.8820	1.8238	1.7656	-0.0142	-0.0142	+ 0.0071	+ 0.0252
2"	50	0.0909	11	0.0582	2.3470	2.2888	2.2306	-0.0142	-0.0142	+ 0.0071	+ 0.0252
2.25"	55	0.0909	11	0.0582	2.5870	2.5288	2.4706	-0.0171	-0.0171	+ 0.0085	+ 0.0252
2.5"	65	0.0909	11	0.0582	2.9600	2.9017	2.8435	-0.0171	-0.0171	+ 0.0085	+ 0.0252
3"	80	0.0909	11	0.0582	3.4600	3.4018	3.3435	-0.0171	-0.0171	+ 0.0085	+ 0.0252
3.5"	90	0.0909	11	0.0582	3.9500	3.8918	3.8335	-0.0171	-0.0171	+ 0.0085	+ 0.0252
4"	100	0.0909	11	0.0582	4.4500	4.3918	4.3335	-0.0171	-0.0171	+ 0.0085	+ 0.0252
4.5"	115	0.0909	11	0.0582	4.9500	4.8918	4.8335	-0.0171	-0.0171	+ 0.0085	+ 0.0252
5"	125	0.0909	11	0.0582	5.4500	5.3918	5.3335	-0.0171	-0.0171	+ 0.0085	+ 0.0252
5.5"	140	0.0909	11	0.0582	5.9500	5.8918	5.8335	-0.0171	-0.0171	+ 0.0085	+ 0.0252
6"	150	0.0909	11	0.0582	6.4500	6.3918	6.3335	-0.0171	-0.0171	+ 0.0085	+ 0.0252
7"	175	0.1000	10	0.0640	7.4500	7.3860	7.3220				
8"	200	0.1000	10	0.0640	8.4500	8.3860	8.3220				
9"	225	0.1000	10	0.0640	9.4500	9.3860	9.3220				
10"	250	0.1000	10	0.0640	10.4500	10.3860	10.3220				

BSP cylindrical thread without watertightness in the thread

Flanges dimensions

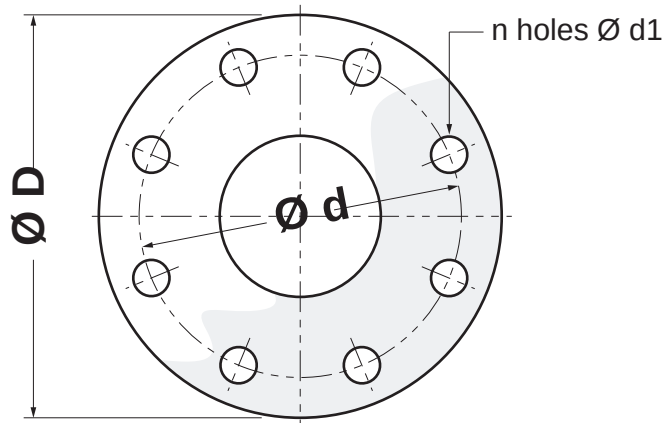


Conform to
French norms
NF E 29-201
and **NF E 29-203**

Conform to
German norm
DIN 2501

Conform to
US norm
ANSI B 16-5

Conform to
International norm
ISO 2084



DN : nominal diameter
D : flange exterior diameter
d : diameter of hole circles
d1 : diameter of through holes
Fil. : bolt threads
n : number of bolts
e : flange thickness
PN : nominal pressure in bar

Nominal Diameter DN		PN16 (ISO Standard) (dimensions in inches)						ASA 150 lbs - ISO PN20 (dimensions in inches)					
mm	inches	D	d	d1	Fil.	n	e	D	d	d1	Fil.	n	e
15	0.591	3.7402	2.5591	0.5512	M12	4	0.5512	3.5000	2.3740	0.6260	M14	4	0.4409
20	0.787	4.1339	2.9528	0.5512	M12	4	0.6299	3.8740	2.7480	0.6260	M14	4	0.5000
25	0.984	4.5276	3.3465	0.5512	M12	4	0.6299	4.2520	3.1260	0.6260	M14	4	0.5630
32	1.260	5.5118	3.9370	0.7087	M16	4	0.6299	4.6260	3.5000	0.6260	M14	4	0.6260
40	1.575	5.9055	4.3307	0.7087	M16	4	0.6299	5.0000	3.8740	0.6260	M14	4	0.6890
50	1.969	6.4961	4.9213	0.7087	M16	4	0.7087	6.0000	4.7480	0.7480	M16	4	0.7520
65	2.559	7.2835	5.7087	0.7087	M16	4	0.7087	7.0000	5.5000	0.7480	M16	4	0.8780
80	3.150	7.8740	6.2992	0.7087	M16	8	0.7874	7.5000	6.0000	0.7480	M16	4	0.9409
100	3.937	8.6614	7.0866	0.7087	M16	8	0.7874	9.0000	7.5000	0.7480	M16	8	0.9409
125	4.921	9.8425	8.2677	0.7087	M16	8	0.8661	10.0000	8.5000	0.8740	M20	8	0.9409
150	5.906	11.2205	9.4488	0.8661	M20	8	0.8661	11.0000	9.5000	0.8740	M20	8	1.0000
175	6.890	12.4016	10.6299	0.8661	M20	8	0.9449						
200	7.874	13.3858	11.6142	0.8661	M20	12	0.9449	13.5000	11.7480	0.8740	M20	8	1.1260
225	8.858	14.5669	12.7953	0.8661	M20	12	0.9449						
250	9.843	15.9449	13.9764	1.0236	M24	12	1.0236	16.0000	14.2520	1.0000	M24	12	1.1890
300	11.811	18.1102	16.1417	1.0236	M24	12	1.1024	19.0000	17.0000	1.0000	M24	12	1.2520
350	13.780	20.4725	18.5039	1.0236	M24	16	1.1811	21.0000	18.7480	1.1260	M27	12	1.3740
400	15.748	22.8347	20.6693	1.1811	M27	16	1.2598	23.5000	21.2520	1.1260	M27	16	1.4370
450	17.717	25.1969	23.0315	1.1811	M27	20	1.2598	25.0000	22.7480	1.2520	M30	16	1.5630
500	19.685	28.1496	25.5906	1.2992	M30	20	1.3386	27.5000	25.0000	1.2520	M30	20	1.6890

General Usage Flanges

The flow through a firefighting nozzle is determined by the formula :

(Torricelli's Formula)

$$Q_v = S \cdot \sqrt{2 g \cdot H}$$

in which :

Q_v = Volumetric flow (m³/s)

S = Area of the nozzle tip (m²)

g = Acceleration of the weight (9,81 m/s²)

H = Monometric height in meters (m)

Manometric Height (Formula)

$$H = P / (\rho \cdot g)$$

in which :

P = Pressure of the nozzle

ρ = Volumetric Mass (kg/m³) : example water = 1000 kg/m³

Therefore :

$$Q_v = \pi/4 \cdot d^2 \cdot \sqrt{2 g \cdot P / \rho \cdot g}$$

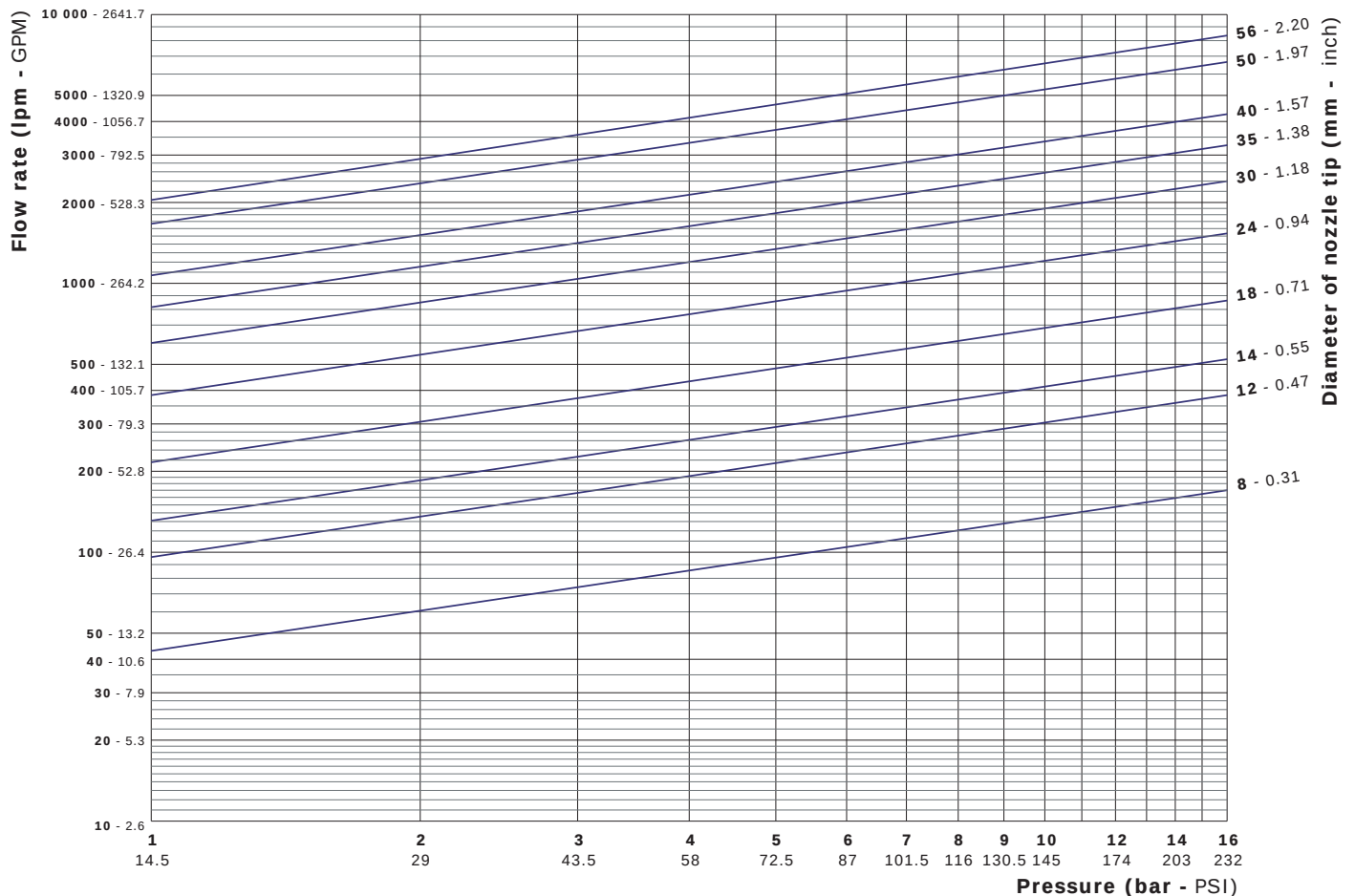
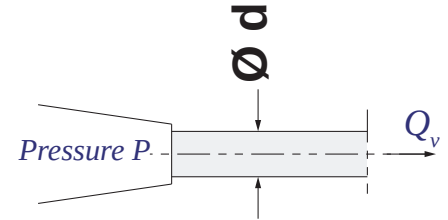
Flow through the Nozzle (Formula)

$$Q_v = 0,666 \cdot d^2 \cdot \sqrt{P}$$

Q_v = Flow through the nozzle (lpm)

d = Diameter of the nozzle tip (mm)

P = Pressure of the nozzle (bar)



Flow rates through Firefighting Nozzles, by pressure and nozzle tip diameter

The value of the reaction force of a firefighting nozzle is determined by the formula :

Reaction Force of a Firefighting nozzle $F = Q_m \cdot v = \rho \cdot Q_v \cdot v$

In which :

Q_m = Mass Flow (Kg/s)

Q_v = Volumetric Flow (m³/s)

ρ = Volumetric Mass (kg/m³) : example water = 1000 kg/m³

v = Velocity of the water at the nozzle tip (m/s)

(Torricelli's Formula)

$$Q_v = S \cdot \sqrt{2 \cdot g \cdot H}$$

In which :

S = Area of the nozzle tip (m²)

g = Acceleration of the weight (9,81 m/s²)

H = Manometric Height in meters (m)

Therefore :

Reaction of the Nozzle (Formula)

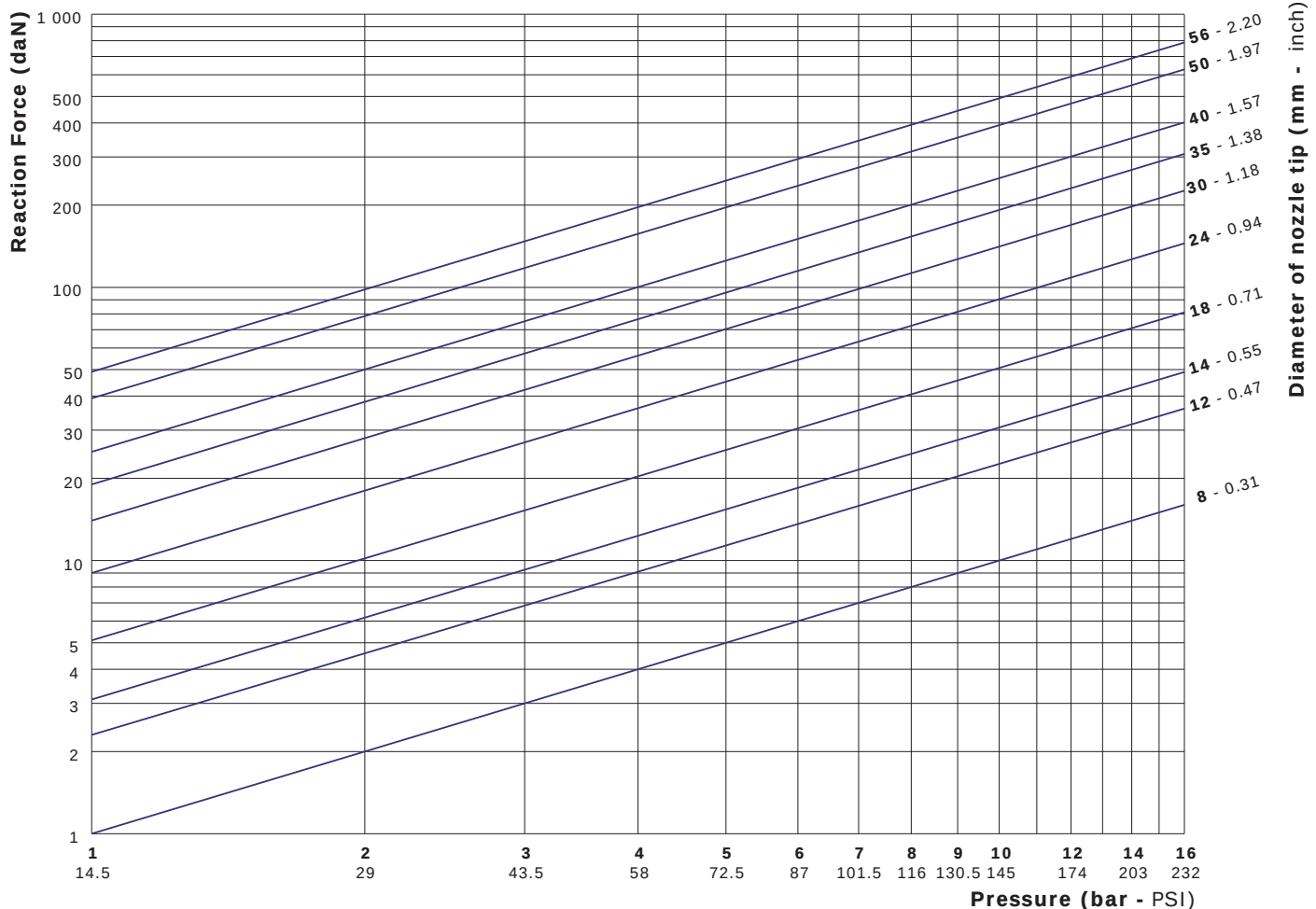
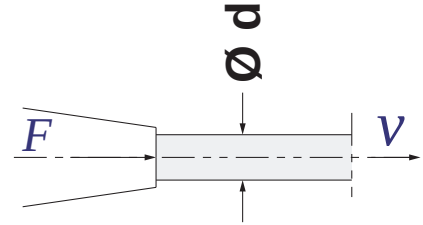
$$F = \pi/2 \cdot d^2 \cdot \rho \cdot g \cdot H$$

$$F = 0,0157 \cdot d^2 \cdot P$$

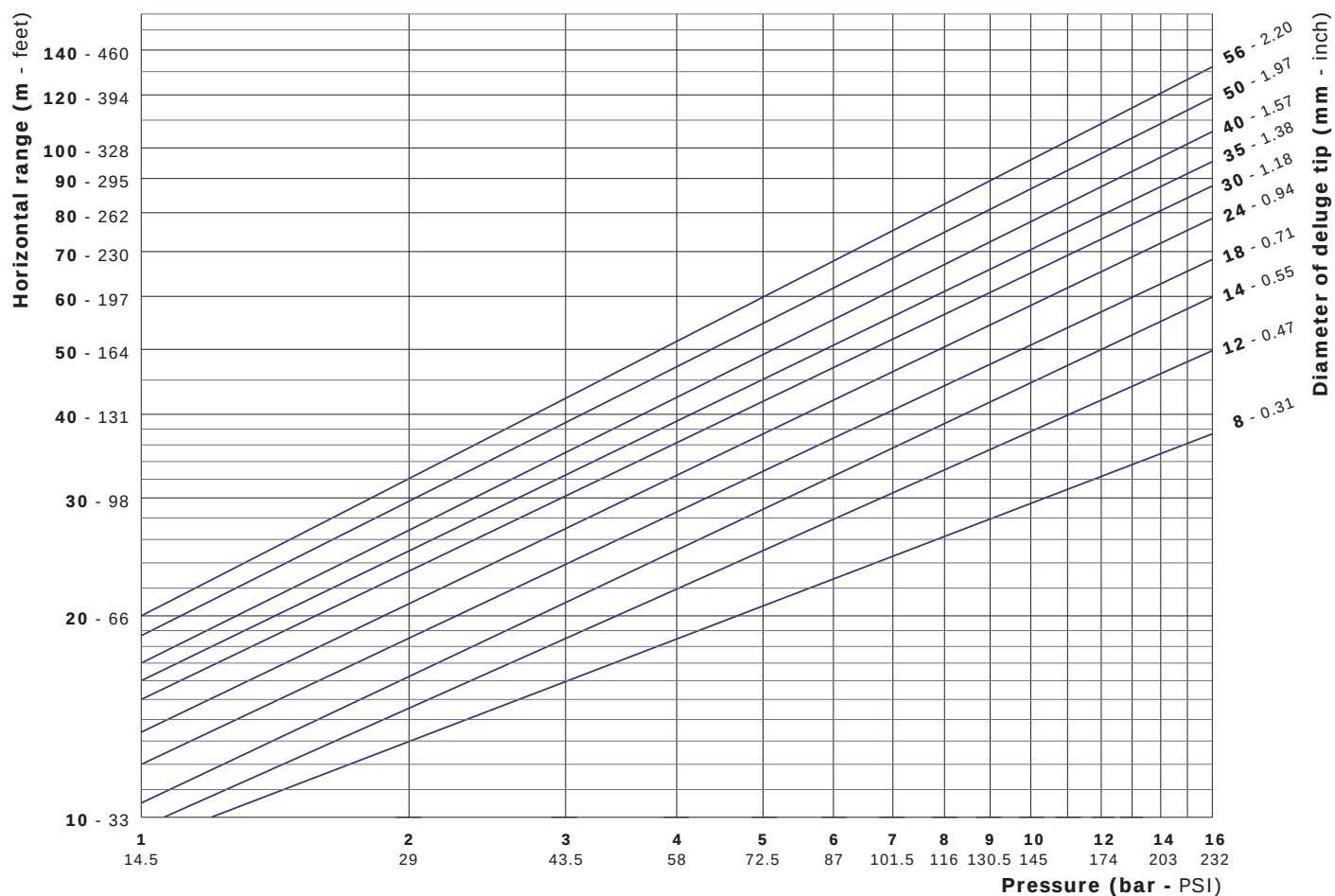
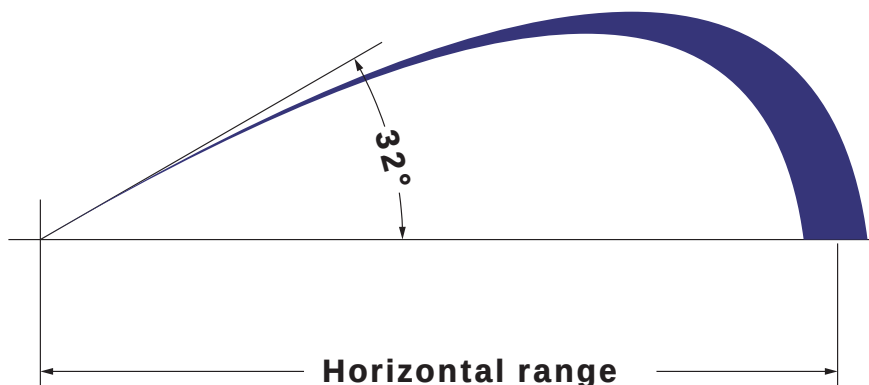
F = Force of Reaction (daN)

d = Diameter of the nozzle tip (mm)

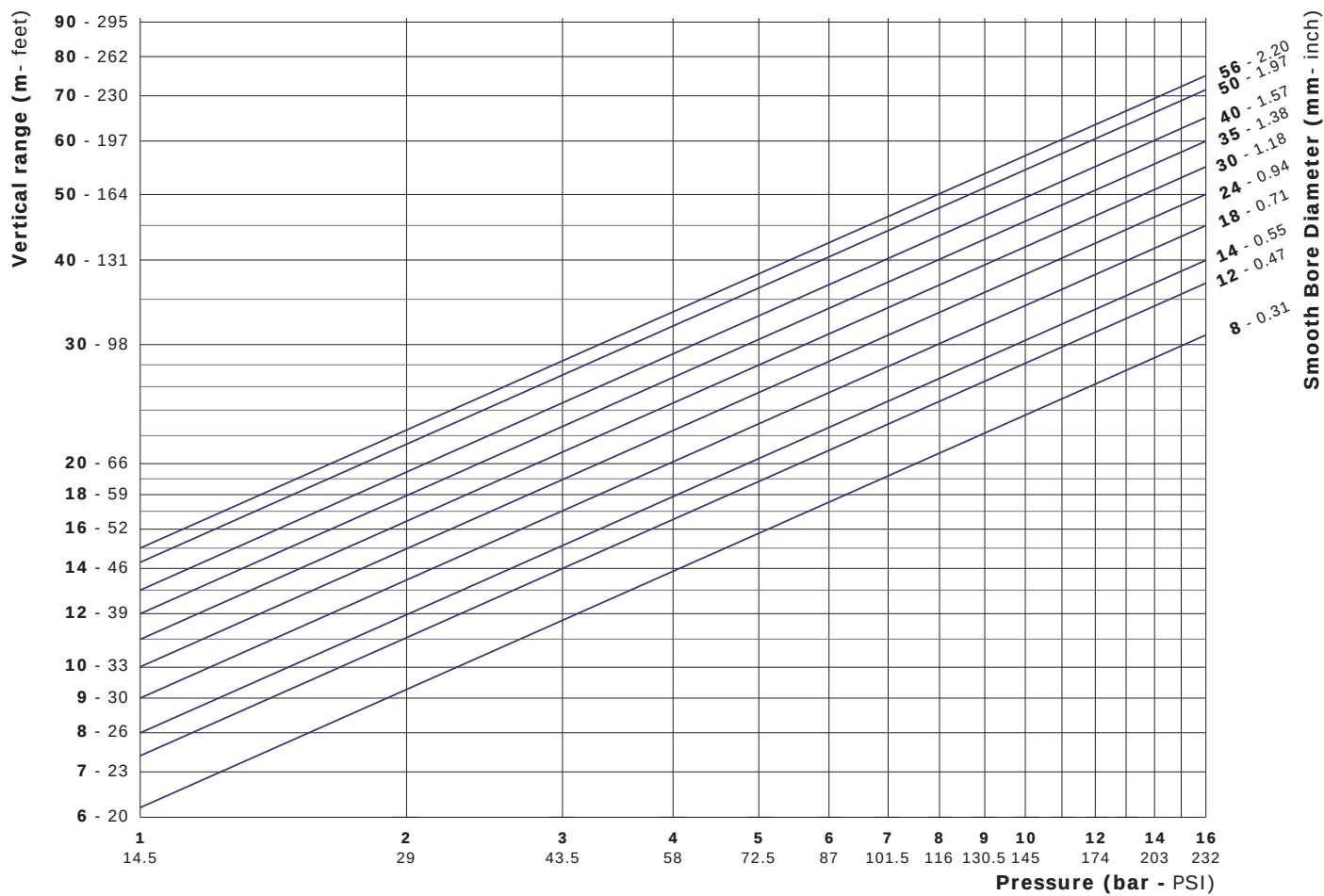
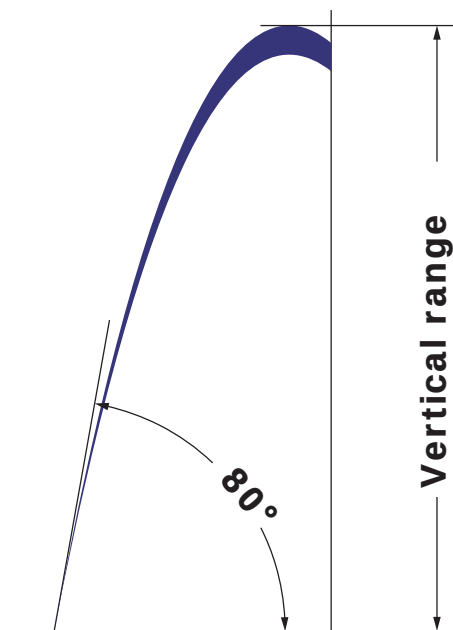
P = Pressure of the nozzle (bar)



Reaction Force for Firefighting Nozzles, by pressure and tip diameter



Horizontal stream trajectories of fire nozzles, by pressure and nozzle tip diameter



Vertical stream Trajectories of fire nozzles, by pressure and nozzle tip diameter

1 inch = 25.4 mm
1 foot = 0.3048 m
1 yard = 0.914 m
1 mile = 1.609 km

1 square inch = 6.452 cm²
1 square foot = 929 cm²
1 square yard = 0.836 m²

1 cubic inch = 16.387 cm³
1 cubic foot = 28.312 dm³
1 cubic yard = 0.765 m³

1 US liquid pint = 0.473 l
1 US liquid quart = 0.946 l
1 US gallon = 3.785 l
1 UK pint = 0.568 l
1 UK quart = 1.136 l
1 UK gallon = 4.546 l

1 ounce = 28.349 g
1 pound (lb) = 0.454 kg

1 ounce per cubic foot = 1 kg/dm³
1 pound per cubic foot = 16 g/dm³
1 ounce per US gallon = 7.489 g/l
1 pound per US gallon = 0.12 kg/l
1 ounce per UK gallon = 6.236 g/l
1 pound per UK gallon = 0.1 kg/l

1 US gallon per minute = 3.785 lpm
1 UK gallon per minute = 4.546 lpm

1 pound-force (lbf) = 0.445 daN

1 pound-force
per square inch (psi) = 0.0689 bar

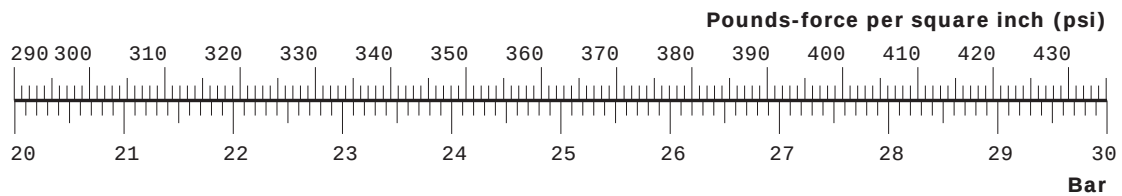
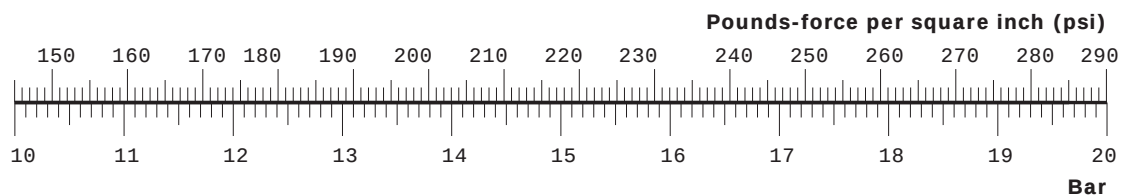
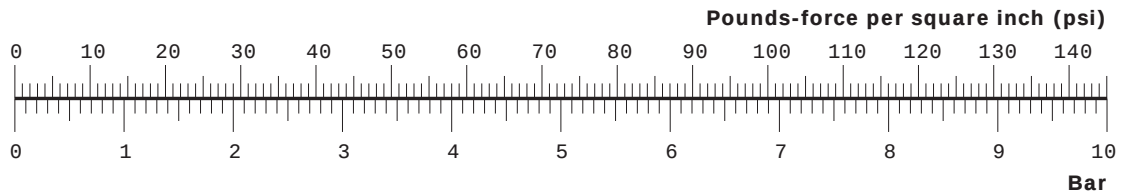
1 mile per hour per second = 0.447 m/s²

Inches → ↓	0	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16
0	0.0	1.6	3.2	4.8	6.4	7.9	9.5	11.1	12.7	14.3	15.9	17.5	19.1	20.6	22.2	23.8
1	25.4	27.0	28.6	30.2	31.8	33.3	34.9	36.5	38.1	39.7	41.3	42.9	44.5	46.0	47.6	49.2
2	50.8	52.4	54.0	55.6	57.2	58.7	60.3	61.9	63.5	65.1	66.7	68.3	69.9	71.4	73.0	74.6
3	76.2	77.8	79.4	81.0	82.6	84.1	85.7	87.3	88.9	90.5	92.1	93.7	95.3	96.8	98.4	100.0
4	101.6	103.2	104.8	106.4	108.0	109.5	111.1	112.7	114.3	115.9	117.5	119.1	120.7	122.2	123.8	125.4
5	127.0	128.6	130.2	131.8	133.4	134.9	136.5	138.1	139.7	141.3	142.9	144.5	146.1	147.6	149.2	150.8
6	152.4	154.0	155.6	157.2	158.8	160.3	161.9	163.5	165.1	166.7	168.3	169.9	171.5	173.0	174.6	176.2
7	177.8	179.4	181.0	182.6	184.2	185.7	187.3	188.9	190.5	192.1	193.7	195.3	196.9	198.4	200.0	201.6
8	203.2	204.8	206.4	208.0	209.6	211.1	212.7	214.3	215.9	217.5	219.1	220.7	222.3	223.8	225.4	227.0
9	228.6	230.2	231.8	233.4	235.0	236.5	238.1	239.7	241.3	242.9	244.5	246.1	247.7	249.2	250.8	252.4
10	254.0	255.6	257.2	258.8	260.4	261.9	263.5	265.1	266.7	268.3	269.9	271.5	273.1	274.6	276.2	277.8
11	279.4	281.0	282.6	284.2	285.8	287.3	288.9	290.5	292.1	293.7	295.3	296.9	298.5	300.0	301.6	303.2
12	304.8	306.4	308.0	309.6	311.2	312.7	314.3	315.9	317.5	319.1	320.7	322.3	323.9	325.4	327.0	328.6
13	330.2	331.8	333.4	335.0	336.6	338.1	339.7	341.3	342.9	344.5	346.1	347.7	349.3	350.8	352.4	354.0
14	355.6	357.2	358.8	360.4	362.0	363.5	365.1	366.7	368.3	369.9	371.5	373.1	374.7	376.2	377.8	379.4
15	381.0	382.6	384.2	385.8	387.4	388.9	390.5	392.1	393.7	395.3	396.9	398.5	400.1	401.6	403.2	404.8
16	406.4	408.0	409.6	411.2	412.8	414.3	415.9	417.5	419.1	420.7	422.3	423.9	425.5	427.0	428.6	430.2
17	431.8	433.4	435.0	436.6	438.2	439.7	441.3	442.9	444.5	446.1	447.7	449.3	450.9	452.4	454.0	455.6
18	457.2	458.8	460.4	462.0	463.6	465.1	466.7	468.3	469.9	471.5	473.1	474.7	476.3	477.8	479.4	481.0
19	482.6	484.2	485.8	487.4	489.0	490.5	492.1	493.7	495.3	496.9	498.5	500.1	501.7	503.2	504.8	506.4
20	508.0	509.6	511.2	512.8	514.4	515.9	517.5	519.1	520.7	522.3	523.9	525.5	527.1	528.6	530.2	531.8
21	533.4	535.0	536.6	538.2	539.8	541.3	542.9	544.5	546.1	547.7	549.3	550.9	552.5	554.0	555.6	557.2
22	558.8	560.4	562.0	563.6	565.2	566.7	568.3	569.9	571.5	573.1	574.7	576.3	577.9	579.4	581.0	582.6
23	584.2	585.8	587.4	589.0	590.6	592.1	593.7	595.3	596.9	598.5	600.1	601.7	603.3	604.8	606.4	608.0
24	609.6	611.2	612.8	614.4	616.0	617.5	619.1	620.7	622.3	623.9	625.5	627.1	628.7	630.2	631.8	633.4

Conversion of inches and fractions to millimeters

1 psi = 0,0689 bar

1 bar = 14,504 psi



Conversion between "pounds per square inch (psi)" and "bar"

POK, its name is a story...

In the nineteenth century, my great-grandfather founded the National Office of meteorology in France. His knowledge of the climate led him to choose Saint Cast in Brittany for his holidays. He built a family home beside a large sandy beach. For a young boy, this idyllic location offers only the beach and the sea to pass the time.

For my tenth birthday my father gave me a sailboat. You should know that in Saint Cast, two kinds of sailors face the sea, one of the roughest in the world, with swirling winds, a coastline indented with tidal elevations of 15 meters, and currents that reach 5 knots: fishermen and yachtsmen.

Fishermen painted the name on their boat, yachtsmen inscribed the name of their vessel in copper letters: very expensive for a little boy with no income. The Breton (a Celtic language related to Gaelic) dictionary provided me with a three letter name that was sound, vigorous and ready to brave the marine elements: POK.

My sailboat, the POK, sailed faithfully, never tipping or sinking. Therefore, when I created my company, naming it after my boat seemed a good choice for luck in the future.

POK!, I forgot to tell you, means "kiss" in Breton. A kiss that brings smiles, joy and confidence in those one meets.

Bruno GRANDPIERRE

Index by code



00235.NST	45	02320	55	05037	276	07153	277	08286	153	09327	186
00651.StorzDN65	239	02335	284	05038	276	07154	277	08291	95	09328	186
00691.NST	239	02348	284	05039	276	07200	291	08291	124	09329	186
00801	50	02375	34	05040	277	07248.NST	181	08302	280	09330	186
01032	283	02438	292	05041	276	07249.NST	181	08303	281	09340	249
01036	283	02474	283	05042	276	07255.NST	182	08331	283	09387.NST	90
01038	283	02477	292	05043	277	07256.NST	182	08332	283	09404	296
01039	283	02714	291	05045	277	07308	186	08339	244	09407	249
01040	283	02715	291	05047	277	07350.NST	62	08340	244	09413.NST	91
01041	283	02768	226	05049	277	07353.NST	51	08341	244	09442.NST	239
01042	283	02769	226	05062	276	07354	51	08343	246	09482	296
01043	283	02770	226	05063	276	07355	51	08344	246	09483	296
01048	283	02772	226	05110	276	07356	51	08346	142	09484	296
01049	283	02784.1.5.NST	62	05113	276	07357	51	08347	22	09485	296
01050	283	02814	280	05115	276	07404.ASA	219	08349	17	09486	296
01064	283	02861	231	05117	276	07503.NST	234	08350	218	09487	296
01065	283	02984	283	05119	276	07504.NST	234	08370	17	09488.NST	296
01179	283	03032.NST	240	05120	276	07505.NST	234	08374	280	09489.NST	296
01239	292	03123	297	05122	276	07506.NST	234	08377	228	09490.NST	296
01239	293	03124	298	05123	276	07523.NST	272	08389	272	09491.NST	296
01312	290	03147	290	05124	276	07558	182	08390	272	09492.NST	296
01349	283	03148	290	05125	276	07590.NST	189	08391	272	09493.NST	296
01396	154	03167	65	05127	276	07591.NST	209	08394	277	09494.NST	296
01414	237	03168	65	05129	276	07592.NST	208	08395	277	09495.NST	296
01449	237	03170	231	05130	276	07669	55	08396	277	09496.NST	296
01487.NST	208	03181	67	05132	276	07674	33	08901	235	09500.NST	296
01490	242	03182	67	05133	276	07701	279	08902	235	09501.NST	296
01491	242	03182.15GPM	67	05134	276	07702	280	08903	235	09502.NST	296
01492	242	03209.NST	88	05135	276	07703	281	08907	153	09503	296
01493	242	03236	297	05137	276	07704	281	08908	153	09505.NST	296
01494	242	03237	297	05138	276	07705	279	08909	153	09506.NST	296
01508.NST	93	03280	236	05139	276	07706	279	08910	153	09521.NST	26
01510.NST	93	03286.NST	240	05140	277	07707	279	08911	153	09527	113
01536	153	03293	254	05143	277	07708	279	08918	177	09529	113
01537	153	03294	254	05145	277	07710	280	08932	40	09534.ASA	219
01546	153	03295	254	05147	277	07711	279	08934	41	09708	22
01566	153	03296	254	05149	277	07712	279	08940	140	09712	61
01586	153	03373	298	05230	276	07713	280	08941	140	09713	61
01592	154	03399	298	05233	276	07714	281	08942	140	09714	61
01612	153	03403.NST	189	05234	276	07715	279	08943	140	09724	22
01625	281	03427.NST	72	05235	276	07716	279	08945	44	09736	35
01626	280	03449	280	05237	276	07729	283	08946	44	09763	286
01686.NST	231	03450	280	05240	277	07733	283	08947	153	09764	286
01690.NST	231	03451	280	05243	277	07738	89	08948	281	09765	286
01691.NST	231	03452	154	05244	277	07755.NST	155	08955	50	09768	242
01693.NST	231	03452	279	05245	277	07763.NST	160	08956	234	09796.NST	89
01694.NST	231	03460	254	06004	286	07764.NST	160	08957	234	09800	242
01695.NST	231	03463	254	06005	286	07765.NST	160	08958	234	09801	242
01697.NST	231	03464	254	06006	286	07766.NST	160	08959	234	09802	242
01698.NST	231	03487.NST	109	06007	286	07768.NST	160	08960	234	09803	242
01699.NST	231	03495	279	06008	286	07769.NST	160	08961	234	09804	242
01703	153	03496	279	06009	286	07836	283	08962	234	09823	200
01704	153	03506	280	06034	286	07859	218	08963	234	09831	298
01821	282	03507	280	06035	286	07860	218	08969	158	09866	226
01822	283	03511	280	06036	286	07861	218	08970	158	09891	17
01824	282	03518	280	06037	286	07949.NST	201	08971	158	09892	17
01825	280	03520	280	06038	286	07950.NST	201	08972	158	09893	226
01828	280	03529.NST	52	06111	286	07951.NST	201	08975	158	09894	228
01862	280	03536	255	06112	286	07952.NST	201	08976	158	09895	228
01863	281	03539	279	06113	286	07982	234	08977	158	09896	228
01930	298	03540	279	06114	286	07983	234	08978	158	09897	228
01977	290	03541	279	06123	287	07984	234	08979	158	09898	225
01983	283	03546	280	06125	287	07984.POLY	234	08980	158	09899	225
02016	290	03557	280	06131	287	08031.NST	46	08981	158	09900	225
02064	236	03566	39	06132	287	08049.NST	45	08986	43	09901	225
02070	284	03567	39	06133	287	08150	222	08988	43	09902	225
02071	284	03570	38	06134	287	08151	222	08997.NST	200	09903	225
02092	284	03681	284	06135	287	08153.NST	182	08998	199	09904	225
02154	272	03741	286	06136	287	08178	276	08998	200	09905	225
02171	226	03742	286	06137	287	08179	278	08999	200	09906	228
02174	290	03743	286	06138	287	08180	276	09028.NST	196	09907	228
02201	279	03844	291	06139	287	08181	276	09030.NST	196	09908	228
02229	292	03846	291	06171	286	08182	276	09033.NST	196	09909	228
02238	56	03847	291	06201	296	08183	278	09042.NST	189	09910	228
02239	56	05010	276	06202	296	08184	276	09044.NST	189	09911	224
02240	283	05013	276	06203	296	08185	276	09047.NST	189	09912	224
02273	302	05015	276	06205	296	08186	276	09049.NST	190	09913	224
02278	302	05017	276	06206	296	08187	278	09051.NST	190	09914	224
02289	293	05019	276	06207	296	08188	276	09054.NST	190	09915	224
02296	191	05020	276	06208	296	08188	277	09086.DN100	225	09916	224
02300	291	05022	276	06209	296	08189	276	09087	277	09917	224
02302	291	05023	276	06210	296	08190	277	09088	277	09918	224
02306	50	05024	276	06211	296	08191	278	09089	277	09919	224
02308	57	05025	276	06212	296	08192	277	09188.NST	46	09920	224
02309	57	05027	276	06232	296	08193	277	09207	253	09925	224
02310	15	05029	276	06233	296	08194	278	09208	253	09926	224
02311	15	05030	276	06811.NST	191	08278	153	09212	152	09927	224
02316	32	05032	276	06831.NST	189	08282	153	09285.NST	62	09928	224
02317	32	05033	276	07150	277	08283	153	09294	60	09947	144
02318	154	05034	276	07151	277	08284	153	09297	60	09949	177
02319	154	05035	276	07152	277	08285	154	09300	60	09950	177

09951.....	177	12640.....	185	14356.NST.....	212	16581.....	283	18538.....	41	19168.....	282
09952.....	142	12641.....	185	14466.....	266	16582.....	283	18544.....	33	19170.....	282
09954.....	142	12642.....	185	14468.....	50	16597.NST.....	252	18550.....	33	19178.....	282
09955.....	191	12643.....	185	14475.....	283	16629.....	283	18554.....	251	19180.....	282
09956.....	191	12669.....	189	14476.....	58	16630.....	283	18555.....	34	19188.....	282
09957.....	191	12669.....	200	14483.....	58	16631.....	301	18556.....	34	19190.....	282
09958.....	191	12678.....	200	14497.....	43	16641.ASA.....	219	18567.....	22	19192.....	282
09959.....	191	12697.NST.....	81	14497.NST.....	43	16645.FM2.5NST.....	92	18568.....	22	19194.....	282
09960.....	200	12712.....	283	14689.....	230	16645.NST.2.5.....	92	18569.....	22	19198.....	282
09960.FF1.5NST.....	192	12749.....	200	14689.AV.....	230	16646.....	92	18570.....	140	19200.....	282
09961.....	192	12782.....	219	14757.....	185	16656.....	186	18571.....	140	19202.....	282
09961.....	200	12784.....	219	14758.....	185	16657.....	186	18572.....	140	19204.....	282
09962.....	197	12789.....	200	14794.....	280	16730.....	42	18573.....	140	19206.....	282
09963.....	197	12791.....	200	14840.....	294	16731.....	42	18574.....	140	19208.....	282
09964.....	197	12873.NST.....	160	14865.NPT.....	152	16732.....	42	18575.....	140	19210.....	282
09971.NST.....	144	12900.NST.....	83	14918.NST.....	210	16733.....	42	18576.....	140	19212.....	282
09972.....	144	12955.....	283	14952.....	278	16734.....	42	18577.....	140	19214.....	282
09974.....	142	12960.....	186	15006.....	181	16894.....	254	18578.....	140	19368.NST.....	27
09974.2.5.....	142	13087.....	234	15068.NPT.....	152	16916.....	283	18579.....	140	19417.....	279
09975.....	142	13117.....	175	15070.NST.....	170	17017.....	299	18590.....	140	19419.....	279
09976.....	140	13118.....	175	15184.....	299	17020.....	299	18591.....	140	19425.....	280
09977.....	140	13119.....	175	15188.....	299	17030.....	227	18592.....	140	19426.....	280
09978.....	140	13120.....	175	15190.....	299	17038.....	73	18593.....	140	19427.....	280
09979.....	140	13121.....	185	15211.....	287	17038.....	231	18594.....	144	19428.....	280
09980.....	140	13122.....	185	15221.....	211	17090.....	43	18595.....	144	19429.....	280
09981.....	54	13123.....	185	15246.....	211	17348.....	160	18597.....	144	19430.....	280
09982.....	55	13129.NST.....	198	15352.NST.....	172	17497.....	68	18599.....	144	19431.....	280
09983.....	54	13131.....	34	15414.....	73	17506.....	68	18600.....	144	19432.....	280
09984.....	55	13132.....	144	15542.....	167	17518.....	185	18601.NST.....	144	19477.NST.....	189
09985.....	54	13188.....	213	15544.....	167	17548.....	70	18602.....	144	19541.....	286
09986.....	54	13204.....	241	15563.....	160	17643.....	249	18603.....	144	19542.....	286
09987.....	55	13205.....	241	15591.....	256	17644.....	249	18604.NST.....	141	19543.....	286
09988.....	55	13223.....	234	15604.....	256	17739.....	42	18612.....	142	19567.....	299
09989.....	54	13226.....	234	15656.....	294	17748.....	68	18615.....	142	19568.....	299
09990.....	55	13230.....	234	15661.....	294	17751.....	68	18616.....	142	19569.....	299
09996.....	22	13236.....	197	15702.....	294	17754.....	68	18617.....	142	19570.....	299
10386.....	281	13237.....	199	15726.....	294	17803.....	70	18618.....	142	19571.....	299
10614.NST.....	238	13238.....	199	15727.....	294	17806.....	70	18619.....	142	19612.....	142
10615.NST.....	238	13239.....	199	15814.....	268	17864.....	299	18622.....	142	19647.1NST.....	31
10648.....	19	13240.....	283	15862.NST.....	143	17865.....	299	18623.....	142	19647.NST.....	31
10648.FF2.5NST.....	19	13250.NST.....	53	15906.NST.....	160	17866.....	299	18624.....	142	19652.NST.....	37
10792.....	283	13300.....	226	15911.NST.....	190	17867.....	299	18625.....	142	19659.....	222
10794.....	237	13304.....	226	15990.....	150	17868.....	299	18626.....	142	19675.....	222
10795.....	237	13341.....	55	16014.....	71	17869.....	299	18627.....	142	19821.....	278
10847.NST.....	95	13431.....	142	16015.....	71	17872.....	70	18627.2.5.....	142	19955.NST.....	160
10847.NST.....	124	13496.....	160	16016.....	71	17874.....	70	18636.....	199	19988.....	293
10879.....	281	13550.....	211	16017.....	71	17876.....	70	18637.....	194	20102.....	141
10942.....	222	13587.....	42	16018.....	71	17877.....	154	18649.....	302	20232.....	185
10956.ASA.....	78	13605.....	91	16019.....	71	17892.....	70	18653.NST.....	141	20247.NST.....	155
10956.NST.....	78	13606.....	91	16028.....	206	17893.....	70	18655.NST.....	49	20295.....	167
10983.....	95	13608.....	91	16029.....	206	17991.....	68	18658.NST.....	66	20344.NST.....	107
11003.....	283	13610.....	98	16030.....	206	18046.....	267	18673.25GPM.NST.....	202	20350.....	108
11023.....	277	13611.....	98	16031.....	206	18065.NST.....	77	18689.....	50	20352.NST.....	222
11088.....	95	13615.....	203	16036.....	57	18081.....	278	18703.....	166	20353.NST.....	222
11322.....	244	13645.....	237	16042.....	240	18082.....	278	18749.....	178	20402.....	106
11323.....	244	13669.....	42	16043.....	240	18285.....	158	18750.....	178	20432.....	102
11335.....	244	13670.....	42	16051.....	205	18293.....	158	18751.....	178	20439.....	212
11521.....	241	13671.....	42	16052.....	205	18306.NST.....	159	18752.....	178	20473.....	211
11716.....	200	13672.....	42	16067.NST.....	190	18342.....	128	18753.....	178	20507.NST.....	160
11720.....	245	13673.....	42	16078.....	277	18371.....	14	18754.....	178	20549.....	270
11724.....	145	13675.....	42	16081.NST.....	201	18372.....	14	18764.....	179	20696.NST.....	135
11749.NST.....	217	13677.NST.....	203	16082.....	276	18373.....	14	18765.....	179	20803.....	77
11834.....	237	13683.....	42	16100.....	301	18374.....	14	18766.....	179	20803.....	79
11898.....	283	13684.....	42	16101.....	301	18375.....	14	18801.....	204	20803.....	83
11902.1.5NST.....	217	13685.....	42	16102.....	301	18376.....	14	18802.....	204	20803.....	87
11921.NST.....	217	13686.....	42	16109.....	302	18400.....	15	18803.....	204	20803.....	94
11926.....	50	13687.....	42	16110.....	301	18401.....	15	18804.....	251	20931.....	42
11939.....	283	13689.....	42	16115.....	301	18403.....	68	18806.....	202	20932.....	42
12024.NST.....	217	13690.....	42	16186.NST.....	192	18404.....	68	18815.NST.....	191	20933.....	42
12048.NST.....	66	13691.....	42	16195.....	276	18407.NST.....	160	18818.ASA150.....	82	20934.....	42
12072.....	142	13692.....	42	16208.....	287	18418.....	250	18824.NPT.....	152	20936.....	42
12094.....	175	13693.....	42	16209.....	287	18437.....	250	18825.NPT.....	152	20970.NST.....	92
12096.....	175	13694.....	42	16211.....	287	18458.....	17	18828.....	181	20976.....	301
12349.....	65	13696.....	42	16231.....	186	18459.....	17	18836.NST.....	218	21005.....	103
12371.NST.....	214	13718.....	15	16234.....	287	18463.....	230	18837.NST.....	218	21143.....	255
12405.....	196	13719.....	15	16239.....	283	18464.....	230	18845.....	302	21151.NST.....	124
12405.....	200	13720.....	17	16262.....	204	18468.....	230	18846.....	272	21189.....	103
12483.....	177	13721.....	17	16265.....	202	18485.....	17	18855.....	272	21253.....	219
12507.....	244	13722.....	17	16360.....	208	18486.....	17	18867.....	152	21340.....	194
12521.....	244	13723.....	22	16363.....	298	18487.....	17	18924.....	282	21415.NST.....	143
12523.....	244	13917.....	213	16364.....	298	18494.....	19	18973.NST.....	207	21593.....	280
12530.....	188	13919.....	213	16420.....	287	18494.FF2.5NST.....	19	19023.....	150	21653.....	126
12543.....	35	13930.....	207	16421.....	287	18497.....	38	19063.....	150	21655.....	283
12556.....	246	14018.NST.....	214	16422.....	287	18500.....	39	19140.....	282	21683.....	278
12578.....	246	14025.....	82	16423.....	287	18501.....	39	19142.....	282	21686.....	160
12600.NST.....	66	14088.....	278	16424.....	287	18502.....	38	19144.....	282	21723.NST.....	161
12601.NST.....	66	14089.....	278	16425.....	287	18505.....	39	19146.....	282	21758.2.5NST.....	204
12602.NST.....	66	14196.....	58	16426.....	287	18506.....	39	19156.....	282	21778.....	154
12603.1NST.....	66	14230.....	95	16512.....	283	18522.....	32	19158.....	282	21780.....	166
12603.NST.....	66	14246.NST.....	188	16524.....	283	18523.....	32	19160.....	282	21867.....	176
12604.NST.....	66	14252.NST.....	188	16533.....	283	18531.....	32	19162.....	282	21871.....	176
12630.....	245	14254.NST.....	188	16536.....	276	18532.....	32	19164.....	282	21875.NPSH.....	176
12639.....	185	14300.....	58	16548.....	287	18536.....	40	19166.....	282	21882.....	185

Index by code



21884.....	185	24121.....	192	27518.....	291	28770.NST.....	123	31439.....	260	37302.NST.....	84
21886.....	212	24125.....	192	27564.....	42	28850.....	185	31481.....	235	37305.NST.....	84
21922.....	250	24161.....	42	27565.....	42	28884.NST.....	27	31485.NST.....	80	37308.NST.....	96
21948.NST.....	183	24162.....	42	27566.....	42	28905.....	297	31538.....	235	37309.NST.....	86
21998.NST.....	183	24163.....	42	27567.....	42	28912.....	297	32012.....	130	37324.....	230
21999.NST.....	183	24164.....	42	27568.....	42	28918.....	221	32054.....	165	37325.....	230
22000.NST.....	183	24165.....	42	27570.....	42	28944.NST.....	221	32394.....	193	37333.NST.....	141
22001.NPT.....	184	24167.....	42	27655.....	11	29001.NST.....	195	32542.NST.....	26	37344.NST.....	59
22004.NST.....	183	24169.....	156	27660.....	12	29072.....	298	32589.....	260	37367.....	59
22008.....	184	24231.....	160	27698.....	258	29088.....	150	32634.....	260	37370.....	59
22011.....	95	24260.....	160	27700.....	258	29152.NST.....	156	32648.....	219	37426.NST.....	101
22011.....	97	24263.....	160	27717.ASA.....	187	29161.....	156	32701.NST.....	25	37584.....	165
22011.....	124	24304.....	69	27763.NST.....	100	29176.NST.....	95	32721.NST.....	113	37647.....	137
22011.....	127	24539.....	293	27807.....	258	29209.....	150	32741.NST.....	141	37681.....	164
22041.FF2.5NST.....	143	24566.....	53	27841.....	160	29225.ASA.....	125	32826.NST.....	193	38026.....	150
22113.....	276	24590.NST.....	87	27844.....	160	29234.....	263	32972.ANGLAIS.NST.....	273	38041.....	148
22122.....	151	24682.....	293	27847.....	160	29250.....	259	32973.ANGLAIS.NST.....	273	38071.....	160
22123.....	151	24760.....	293	27911.....	259	29281.....	11	32974.ANGLAIS.NST.....	273	38311.....	115
22126.NST.....	147	24763.....	218	27913.....	259	29285.....	11	32975.ANGLAIS.NST.....	273	90017.....	55
22127.NST.....	147	24788.....	72	27930.....	259	29289.NST.....	28	33220.....	262	90018.....	54
22170.....	184	24789.....	72	27967.....	220	29290.NST.....	28	33225.....	260	TC000995.....	119
22184.....	184	24790.....	72	27980.....	148	29297.NST.....	95	33294.NST.....	272	TC006022.....	119
22186.....	184	24791.....	72	27988.....	113	29307.....	162	33375.....	112	TC009277.....	117
22205.....	97	24797.....	42	27997.....	258	29313.....	258	33529.....	163		
22205.....	127	24798.....	42	28006.....	152	29314.....	258	33542.....	255		
22217.....	97	24804.....	42	28011.....	152	29315.....	258	33544.....	255		
22252.....	202	24805.....	42	28062.NST.....	28	29316.....	259	33643.NST.....	84		
22267.....	204	24806.....	42	28066.NST.....	64	29317.....	258	33730.....	300		
22329.NST.....	95	24807.....	42	28157.....	118	29318.....	258	33761.ANGLAIS.NST.....	273		
22343.....	151	24809.....	42	28188.....	118	29319.....	258	33897.NST.....	105		
22344.....	151	24811.....	42	28317.....	269	29322.....	259	33936.....	164		
22347.....	147	24812.....	42	28412.....	264	29323.....	259	34031.....	162		
22348.....	147	24813.....	42	28414.....	259	29329.....	259	34035.NST.....	122		
22377.....	163	24814.....	42	28417.....	258	29349.....	120	34079.....	149		
22405.....	150	24816.....	42	28434.NST.....	29	29361.....	297	34343.NST.....	104		
22434.ASA.....	187	24818.....	42	28444.NST.....	156	29367.....	133	34377.NST.....	104		
22477.....	42	24819.....	42	28461.....	294	29368.ASA.....	133	34434.NST.....	82		
22478.....	42	24855.....	247	28481.....	294	29369.....	120	34435.....	82		
22479.....	42	24866.....	185	28496.....	264	29372.....	134	34439.ASA.....	83		
22480.....	42	24867.....	247	28514.....	281	29373.....	131	34457.NST.....	104		
22481.....	42	24890.....	42	28515.....	278	29374.....	131	34477.NST.....	141		
22483.....	42	24892.....	42	28519.....	245	29403.....	124	34578.....	152		
22548.....	42	24893.....	42	28522.....	247	29403.....	127	34593.NST.....	195		
22549.....	42	24894.....	42	28523.....	247	29411.NST.....	94	34646.NST.....	85		
22550.....	42	24960.NST.....	165	28651.....	16	29412.NST.....	94	34701.....	276		
22551.....	42	24985.....	60	28652.....	16	29413.NST.....	94	34705*.....	120		
22552.....	42	24997.....	60	28653.....	16	29415.....	298	34840.....	162		
22554.....	42	25010.....	60	28654.....	16	29428.....	99	34847.....	261		
22612.NST.....	198	25015.....	60	28655.....	16	29437.....	145	34901.NST.....	171		
22710.....	42	25020.....	225	28656.....	16	29447.....	111	35043.....	297		
22711.....	42	25038.....	69	28657.....	16	29457.....	157	35102.NST.....	195		
22712.....	42	25039.....	69	28658.....	16	29471.....	249	35180.....	265		
22713.....	42	25098.NST.....	200	28659.....	16	29472.....	249	35181.....	265		
22714.....	42	25167.....	157	28660.....	16	29473.....	249	35290.....	260		
22716.....	42	25199.....	246	28661.....	16	29474.....	249	35291.....	260		
22831.....	42	25203.....	246	28662.....	16	29479.Storz100.....	235	35292.....	260		
22832.....	42	25269.....	248	28667.....	19	29502.....	255	35295.....	149		
22833.....	42	25272.....	186	28668.....	18	29523.NST.....	252	35415.NST.....	210		
22834.....	42	25364.....	162	28669.....	19	29524.....	253	35558.....	124		
22835.....	42	25422.....	156	28670.....	18	29525.....	253	35558.....	127		
22837.....	42	25428.....	148	28671.....	19	29601.NST.....	79	35591.NST.....	21		
22959.....	248	25521.NST.....	161	28672.....	18	29804.NST.....	145	35594.NST.....	21		
22975.....	42	25533.NST.....	64	28673.....	18	29902.....	150	35597.NST.....	21		
22976.....	42	25581.NST.....	25	28674.....	22	29956.....	249	35666.....	285		
22977.....	42	25593.....	142	28675.....	22	29983.NST.....	195	35667.....	285		
22978.....	42	25597.....	142	28676.....	22	30146.NST.....	143	35676.....	285		
22979.....	42	25603.....	142	28677.....	22	30169.....	260	35677.....	285		
22981.....	42	25608.....	145	28680.....	20	30229.....	150	35707.NST.....	47		
22989.....	42	25686.....	256	28681.....	20	30233.....	284	35708.NST.....	47		
22990.....	42	25702.....	175	28682.....	20	30261.....	266	35792.....	276		
22991.....	42	25712.....	186	28683.....	20	30292.....	267	35797.....	296		
22992.....	42	25833.....	160	28684.....	20	30384.....	268	35853.....	144		
22993.....	42	25842.....	248	28685.....	20	30387.....	268	35861.....	144		
22995.....	42	25843.....	248	28686.....	20	30418.....	269	35865.....	144		
23002.ASA.....	187	25844.....	248	28687.....	20	30521.NST.....	272	35894.NST.....	48		
23014.....	49	25875.....	150	28688.1NST.....	31	30527.....	136	35929.....	277		
23015.....	49	25916.....	142	28688.NST.....	31	30577.....	185	35971.....	276		
23016.....	49	25921.....	142	28689.1NST.....	31	30612.....	147	35972.....	277		
23135.....	56	26205.....	302	28689.NST.....	31	30697.....	260	35980.....	276		
23146.....	248	26206.....	302	28690.NST.....	37	30730.....	264	35982.....	287		
23153.....	293	26413.....	186	28691.NST.....	37	30742.....	262	35987.....	276		
23223.ASA.....	187	26544.ASA.....	121	28693.....	207	30746.....	262	35994.....	296		
23274.NPT.....	152	26545.....	148	28697.NST.....	64	30749.....	261	35997.....	276		
23351.....	293	26646.....	116	28698.NST.....	143	30790.....	292	37006.....	225		
23462.....	180	27048.....	229	28706.....	71	30807.....	260	37009.....	225		
23492.....	144	27105.....	248	28707.....	71	30845.....	143	37055.NST.....	229		
23505.NST.....	165	27197.....	287	28708.....	71	30848.....	146	37133.NST.....	195		
24038.NST.....	156	27218.....	212	28709.....	71	30851.....	150	37136.....	142		
24042.....	156	27235.....	212	28710.....	71	30904.....	263	37184.....	291		
24042.2.5NST.....	156	27269.ASA.....	129	28711.....	71	30969.....	73	37233.....	143		
24046.....	156	27487.....	60	28741.....	279	30969.....	231	37254.....	291		
24079.....	156	27507.....	258	28752.NST.....	229	31323.....	110	37293.NST.....	76		
24117.....	192	27512.....	258	28766.Storz.....	229	31338.NST.....	207	37296.NST.....	132		



Notes

320

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Notes

This image shows a blank sheet of white paper with horizontal ruling lines. A single vertical line runs down the left side, creating a margin. The lines are evenly spaced and extend across the width of the page. There is no handwriting or other markings on the paper.



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