

2.5" (65mm) DUAL FORCE® SERIES

95-300 GPM (360-1150 l/min) or
95-250 GPM (360-950 l/min) low pressure

Dual Pressure Automatic

A TFT Dual-Force is all conventional handline sizes in one. The wide flow range of 95-300 gpm (360-1150 l/min) allows the nozzle to be used on 2.5" and 3" (64 & 75mm) attack lines. The Dual-Force features flush without shutting down, molded rubber bumper with "power fog" teeth, TFT's patented stainless steel slide valve, the unique low pressure override which allows the nozzle to achieve greater flows at lower nozzle pressures, and an optional color-coded pistol grip, handle covers (NFPA 1901 (A.16.9.1) or rubber coated playpipe handles. All TFT Handlines accept the FJ-H low-expansion or the FJ-HMX multi-expansion foam attachments.

In the standard mode, the Dual-Force Nozzle maintains a 100 psi / 7 bar operating nozzle pressure (75 psi / 5 bar on low pressure version) and meets the NFPA #1964 flow requirements for automatic nozzles. With a twist of the knob on the front of the nozzle, you can switch the Dual-Force to the low-pressure mode, which immediately reduces the nozzle's operating pressure to around 55 psi / 4 bar (approximately 45 psi / 3 bar in low pressure version).

L = Low Pressure

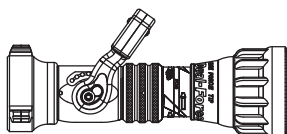
HD-2TO
HDL-2TO
\$1095.00
3.5 lb (1.6kg)
10.50" (26.7cm)



HD-2TO DUAL-FORCE TIP 2.5" NH (65mm) - Automatic pressure control with a flow capacity of 95-300 gpm (360-1150 l/min). Includes flush without shutting down, molded rubber teeth for full-fill "power fog", and turbulence-free flow control. Lightweight hardcoat anodized aluminum materials for maximum resistance to corrosion and wear. 2.5" NH (65mm) rigid rocker lug coupling is standard. Tip does not shut off and must be used with a separate valve or valved playpipe. Nozzle may be switched between standard 100 psi (7 bar) and low pressure.

HDL-2TO LOW PRESSURE VERSION. Same as HD-2TO above, but operates at a lower pressure of approximately 75 psi (5 bar) / 45 psi (3bar). Flow capacity 95-250 gpm (360-950 l/min) @ 75 psi (5 bar).

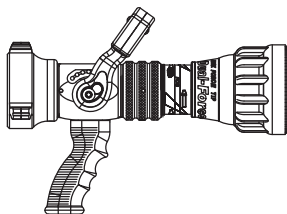
HD-2V
HDL-2V
\$1500.00
7.4 lb (3.4kg)
13.50" (34.3cm)



HD-2V DUAL-FORCE NOZZLE 2.5" NH (65mm) - Automatic pressure control with a flow capacity of 95-300 gpm (360-1150 l/min). Includes flush without shutting down, patented slide-type valve for turbulence-free flow control, six detent flow positions, molded rubber teeth for full-fill "power fog", and "Gasket Grabber" inlet screen. Lightweight hardcoat anodized aluminum materials for maximum resistance to corrosion and wear. 2.5" NH (65mm) rocker lug full-time swivel coupling is standard. Nozzle may be switched between standard 100 psi (7 bar) and low pressure.

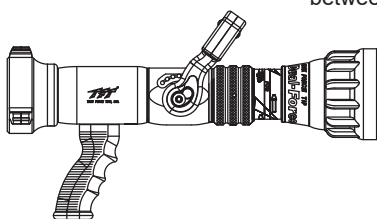
HDL-2V LOW PRESSURE VERSION. Same as HD-2V above, but operates at a lower pressure of approximately 75 psi (5 bar) / 45 psi (3bar). Flow capacity 95-250 gpm (360-950 l/min) @ 75 psi (5 bar).

HD-2VPGI
HDL-2VPGI
\$1500.00
7.0 lb (3.2kg)
13.50" (34.3cm)



HD-2VPGI or HD-2VPG DUAL-FORCE W/GRIP 2.5" NH (65mm) - Automatic pressure control with a flow capacity of 95-300 gpm (360-1150 l/min). Includes flush without shutting down, patented slide-type valve for turbulence-free flow control, six detent flow positions, molded rubber teeth for full-fill "power fog", and "Gasket Grabber" inlet screen. Pistol grip is mounted below valve (HD-2VPGI), or behind the valve (HD-2VPG). Lightweight hardcoat anodized aluminum materials for maximum resistance to corrosion and wear. 2.5" NH (65mm) rocker lug full-time swivel coupling is standard. Nozzle may be switched between standard 100 psi (7 bar) and low pressure.

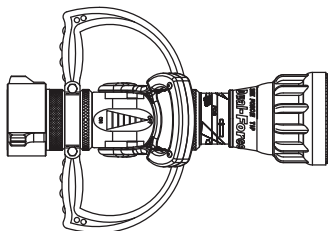
HD-2VPG
HDL-2VPG
\$1500.00
9.0 lb (4.1kg)
18.40" (46.7cm)



HDL-2VPG or HDL-2VPGI LOW PRESSURE VERSION. Same as HD-2VPGI or HD-2VPG above, but operates at a lower pressure of approximately 75 psi (5 bar) / 45 psi (3bar). Flow capacity 95-250 gpm (360-950 l/min) @ 75 psi (5 bar).

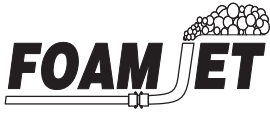
Folding Pistol Grip Kits with NFPA color inserts are available.
See page 218 for ordering information.

HD-2BLITZ
HDL-2BLITZ
\$1565.00
10.2 lb (4.6kg)
15.12" (38.4cm)



HD-2BLITZ DUAL-FORCE PLAYPIPE 2.5" NH (65mm) - Nozzle/playpipe combination available for use on 2.5" (65mm) or 3" (75mm) lines. Automatic 100 psi (7 bar) pressure control with a flow capacity of 95-300 gpm (360-1150 l/min). Includes flush without shutting down, patented slide-type valve for turbulence-free flow control, six detent flow positions, molded rubber teeth for full-fill "power fog" pattern, and "Gasket Grabber" inlet screen. Lightweight hardcoat anodized aluminum materials for maximum resistance to corrosion and wear. Nozzle is attached to valve and is not removable. Rubber coated handles are designed to reduce fatigue. 2.5" NH (65mm) rocker lug full-time swivel coupling is standard. Nozzle may be switched between standard 100 psi (7 bar) and low pressure.

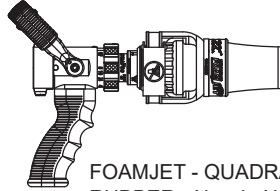
HDL-2BLITZ LOW PRESSURE VERSION. Same as HD-2BLITZ above, but operates at a lower pressure of approximately 75 psi (5 bar) / 45 psi (3bar). Flow capacity 95-250 gpm (360-950 l/min) @ 75 psi (5 bar).



Low-Expansion Foam Attachment

Make your TFT nozzle a high performance foam nozzle with the FOAMJET air-aspirating attachment. Simple, rugged and dependable, the FOAMJET can be quickly attached to either the 1" (25mm) QuadraFog, Ultimatic 125, MidMatic, Mid-Force, Handline, Dual-Force, Metro 0, Metro 1, or Metro 2 series of TFT nozzles. The FOAMJET provides superior foam-making ability with most modern foam concentrates. When used with AFFF and Class A foams, the FOAMJET can develop expansion ratios of 6:1. This thick foam blanket has better extinguishing ability and is longer lasting than foam from non-aspirated nozzles. It can be easily removed in seconds for a water-only or non-aspirated stream. FOAMJET is used in straight stream position only.

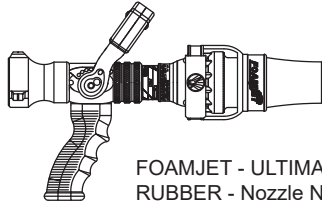
FJ-DQ
\$310.00
 0.9 lb (0.4kg)
 6.50" (16.5cm)



FOAMJET - QUADRAFOG 1" (25mm)
 RUBBER - Nozzle Not Included

FJ-DQ FOAMJET - QUADRAFOG 1" (25mm) RUBBER - Air-aspirating foam-making attachment for all 1" (25mm) QuadraFog Series nozzles. The FOAMJET is constructed of molded rubber, stainless steel, and lightweight nickel plated aluminum. NOTE: Not intended to produce foam at 5 and 10 gpm (20 and 40 l/min) settings.

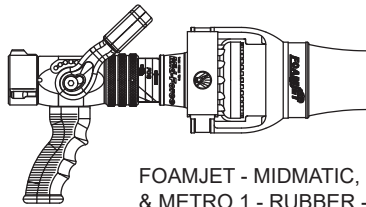
FJ-U
\$300.00
 0.9 lb (0.4kg)
 6.50" (16.5cm)



FOAMJET - ULTIMATIC
 RUBBER - Nozzle Not Included

FJ-U FOAMJET - ULTIMATIC - RUBBER - Air-aspirating foam-making attachment for all "Ultimatic 125" and Metro 0 Series nozzles. The FOAMJET is constructed of molded rubber, stainless steel, and lightweight nickel plated aluminum.

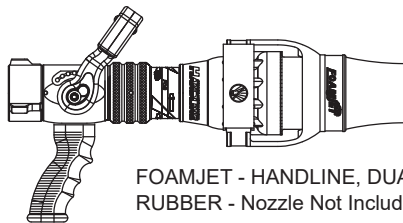
FJ-HM
\$305.00
 1.8 lb (0.8kg)
 8.50" (21.6cm)



FOAMJET - MIDMATIC, MID-FORCE,
 & METRO 1 - RUBBER - Nozzle Not Included

FJ-HM FOAMJET - MIDRANGE - RUBBER - Air-aspirating foam-making attachment for all Midmatic, Mid-Force & Metro 1 series nozzles. The FOAMJET is constructed of molded rubber, stainless steel, and lightweight nickel plated aluminum.

FJ-H
\$305.00
 1.8 lb (0.8kg)
 8.50" (21.6cm)



FOAMJET - HANDLINE, DUAL-FORCE, METRO 2
 RUBBER - Nozzle Not Included

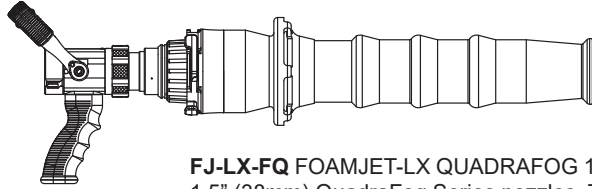
FJ-H FOAMJET - HANDLINE - RUBBER - Air-aspirating foam-making attachment for all Handline, Dual-Force and Metro 2 series nozzles. The FOAMJET is constructed of molded rubber, stainless steel, and lightweight nickel plated aluminum.

Low-Expansion Foam Attachment



The FOAMJET-LX is a lightweight, low-expansion foam-making, air-aspirating attachment. Simple, rugged and dependable, the FOAMJET-LX can be quickly attached and provides superior foam-making ability with most modern foam concentrates. When used with AFFF and Class A Foams, the FOAMJET-LX can develop a thick foam blanket which has better extinguishing ability and is longer lasting than foam from non-aspirating nozzles. The FOAMJET-LX can easily be removed in seconds for a water-only or non-aspirated stream. FOAMJET-LX is used in straight stream position only.

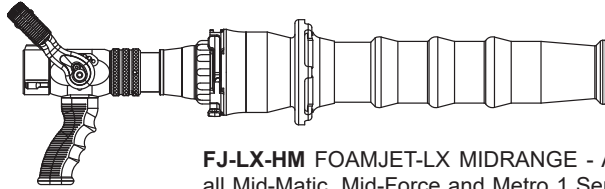
FJ-LX-FQ
\$340.00
 3.3 lb (1.5kg)
 20.20" (51.3cm)



FOAMJET-LX QUADRAFOG 1.5" (38mm)
 Nozzle Not Included

FJ-LX-FQ FOAMJET-LX QUADRAFOG 1.5" (38mm) - Air-aspirating foam-making attachment for all 1.5" (38mm) QuadraFog Series nozzles. The FOAMJET-LX is constructed of durable U.V. stabilized polyethylene, stainless steel, and aluminum.

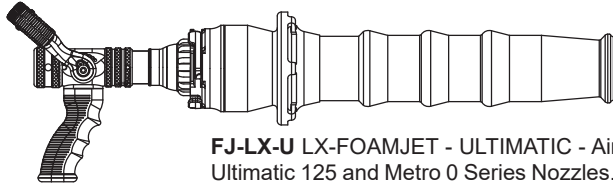
FJ-LX-HM
\$340.00
 2.9 lb (1.3kg)
 20.20" (51.3cm)



FOAMJET-LX MID-MATIC, MID-FORCE, METRO 1
 Nozzle Not Included

FJ-LX-HM FOAMJET-LX MIDRANGE - Air-aspirating low expansion foam-making attachment for all Mid-Matic, Mid-Force and Metro 1 Series Nozzles. Provides excellent low expansion foam with a tight bubble structure. The FOAMJET-LX is constructed of durable U.V. stabilized polyethylene, stainless steel, and aluminum.

FJ-LX-U
\$340.00
 3.0 lb (1.4kg)
 21.70" (55.1cm)

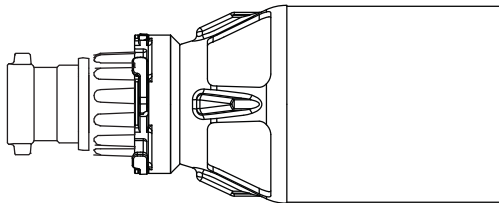


FOAMJET-LX ULTIMATIC
 Nozzle Not Included

FJ-LX-U LX-FOAMJET - ULTIMATIC - Air-aspirating low expansion foam-making attachment for all Ultimatic 125 and Metro 0 Series Nozzles. Provides excellent low expansion foam with a tight bubble structure. The FOAMJET-LX is constructed of durable U.V. stabilized polyethylene, stainless steel, and aluminum.

The FOAMJET-MX & FOAMJET-LX for Master Stream Nozzles are lightweight, low & multi expansion foam-making, air-aspirating attachments. Simple, rugged and dependable, the FOAMJET-MX & FOAMJET-LX can be quickly attached and provide superior foam-making ability with most foam concentrates. When used with AFFF and Class A Foams, the FOAMJET-MX & FOAMJET-LX can develop a thick low and multi-expansion foam blanket which has better extinguishing ability and is longer lasting than foam from non-aspirating nozzles. The FOAMJET-MX & FOAMJET-LX can easily be removed in seconds for a water-only or non-aspirated stream. FOAMJET-LX is used in straight stream position only.

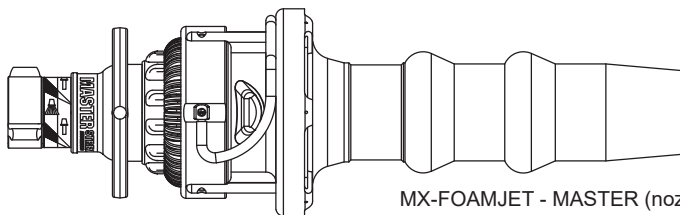
FJ-MX-MD
\$660.00
 4.6 lb (2.1 kg)
 16.20" (41.1 cm)



MD-FOAMJET MAX and ZN (nozzle not included)
 There is no screen installed in this attachment.

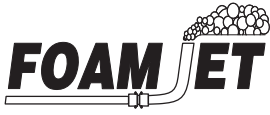
FJ-MX-MD - FOAMJET-MX Air-aspirating multi-expansion foam-making attachment for use with all Max-Series and ZN Series Industrial Nozzles. Provides varying foam expansion based upon stream selection. The FOAMJET-MX is constructed of durable U.V. Stabilized Polyethylene and aluminum.

FJ-LX-M
\$710.00
 6.8 lb (3.1kg)
 25.30" (64.3cm)



MX-FOAMJET - MASTER (nozzle not included)

FJ-LX-M - FOAMJET-LX - MASTER - Air-aspirating low expansion foam-making attachment for use with all Master Stream 1000, 1250S, and the Master Foam series nozzles. Provides low expansion foam and excellent stream reach. The FOAMJET-LX is constructed of durable U.V. Stabilized Polyethylene, stainless steel, and aluminum.



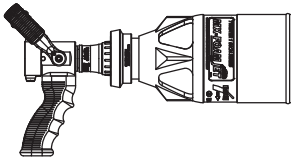
Multi-Expansion Foam Attachment

The MX-FOAMJET is a simple to attach, compact, lightweight, and rugged multi-expansion foam-aspirating attachment for your Twister, QuadraFog, METRO 0, METRO 1, METRO 2 ThunderFog, Mid-Matic and Mid-Force Series nozzles. It can be used with many foam concentrates that are recommended for low or medium expansion equipment. The thick foam blanket produced has superior vapor-suppression capabilities and is longer lasting than foam from non-aspirated nozzles. The locking ring attaches easily and securely to the rubber bumper and can also be removed quickly for water-only or non-aspirated streams. Rotating the MX-FOAMJET gives you the unique ability to vary the expansion ratio and stream reach of finished foam.

FJ-MX-D

\$150.00

1.4 lb (0.6kg)
10.60" (26.9cm)



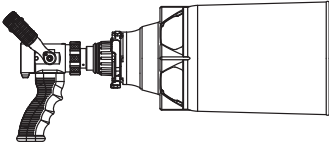
TWISTER 1" (25mm)
(nozzle not included)

FJ-MX-D MX-FOAMJET - TWISTER 1" (25mm) - Air-aspirating foam-making attachment for all 1" (25mm) Twister Series nozzles. Flow range of 10, 24, & 40 gpm (37, 90 & 150 l/min) matches that of corresponding 1" (25mm) Twister Series nozzle (needed for operation). The MX-FOAMJET is constructed of durable U.V. stabilized polyethylene and aluminum. Diameter 5.2" (13cm).

FJ-MX-DQ

\$185.00

2.3 lb (1.0kg)
12.60" (32.0cm)



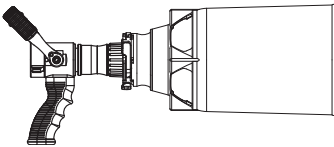
QUADRAFOG 1" (25mm)
(nozzle not included)

FJ-MX-DQ MX-FOAMJET - QUADRAFOG 1" (25mm) - Air-aspirating foam-making attachment for all 1" (25mm) QuadraFog Series nozzles. Aspirates foam when operating the 1" (25mm) QuadraFog nozzle in 24-40 gpm (90-150 l/min) setting. The MX-FOAMJET is constructed of durable U.V. stabilized polyethylene and aluminum. Diameter 7.4" (18.8 cm). NOTE: Not intended to produce foam at 5 and 10 gpm (20 and 40 l/min) settings.

FJ-MX-F

\$150.00

2.2 lb (1.0kg)
12.60" (32.0cm)



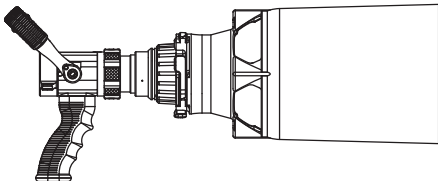
TWISTER 1.5" (38mm)
(nozzle not included)

FJ-MX-F MX-FOAMJET - TWISTER 1.5" (38mm) - Air-aspirating foam-making attachment for all 1.5" (38mm) Twister Series nozzles. Flow range of 20, 60, & 95 gpm (75, 230, & 360 l/min) matches that of corresponding 1.5" (38mm) Twister Series nozzle (needed for operation). The MX-FOAMJET is constructed of durable U.V. stabilized polyethylene and aluminum. Diameter 7.4" (18.8 cm).

FJ-MX-FQ

\$405.00

3.3 lb (1.5kg)
15.20" (38.6cm)



QUADRAFOG 1.5" (38mm)
(nozzle not included)

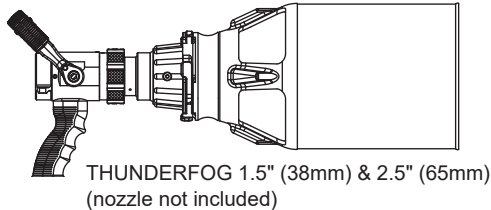
FJ-MX-FQ MX-FOAMJET - QUADRAFOG 1.5" (38mm) - Air-aspirating foam-making attachment for all 1.5" (38mm) QuadraFog nozzles. Flow range of 30-125 gpm (110-500 l/min) matches that of corresponding 1.5" (38mm) QuadraFog nozzle (needed for operation). The MX-FOAMJET is constructed of durable U.V. stabilized polyethylene, stainless steel, and aluminum. Diameter 7.4" (18.8cm).

Multi-Expansion Foam Attachment



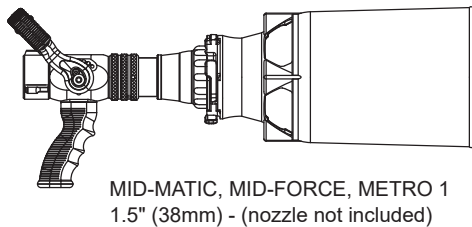
The MX-FOAMJET is a simple, lightweight multi-expansion foam-making attachment for TFT Handline, METRO 0, METRO 1, METRO 2, Dual-Force and Ultimatic 125 nozzles. The MX-FOAMJET allows for a wider selection of foam concentrates to be used, and has the unique ability to vary the expansion ratio and the stream reach of the finished foam. As the nozzle shaper is rotated to the wide fog position (counterclockwise), higher expansion ratios will be produced, but with reduced stream reach. Rotating the nozzle shaper forward to straight stream (clockwise), will produce lower expansion ratios, but with increased stream reach. The ability to regulate the reach and expansion ratio is unique to the MX-FOAMJET. It can be easily removed in seconds for a water-only or non-aspirated stream.

FJ-MX-FT
\$405.00
 5.2 lb (2.4kg)
 17.00" (43.2cm)



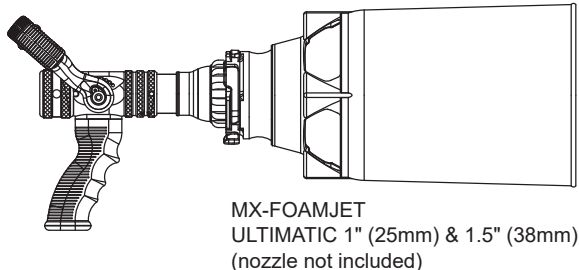
FJ-MX-FT MX-FOAMJET - THUNDERFOG - Air-aspirating foam-making attachment for all 1.5" & 2.5" (38mm & 65mm) ThunderFog nozzles. Flow range of 30-250 gpm (110-500 l/min) matches that of corresponding 1.5" & 2.5" (38mm & 65mm) ThunderFog nozzle (needed for operation). The MX-FOAMJET is constructed of durable U.V. stabilized polyethylene and aluminum. Diameter 8.6" (21.8cm). NOTE: Will not fit fixed teeth models manufactured prior to 5/97 without bumper upgrade. (Free upgrade with purchase of FJ-MX-FT).

FJ-MX-HM
\$405.00
 3.2 lb (1.5kg)
 15.40" (39.1cm)



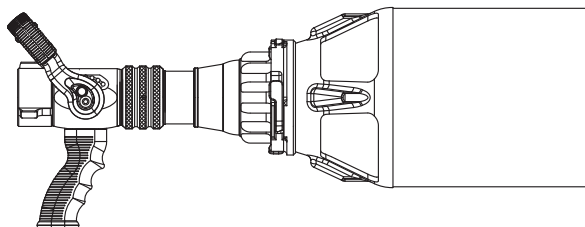
FJ-MX-HM MX-FOAMJET - MIDRANGE - Air-aspirating foam-making attachment for all Mid-Force, Mid-Matic and METRO 1 Series nozzles. Flow range of 70 - 200 gpm (260-760 l/min) matches that of corresponding Mid-Force, Mid-Matic and METRO 1 Series nozzles (needed for operation). The MX-FOAMJET is constructed of durable U.V. stabilized polyethylene, and aluminum. Diameter 7.4" (18.8cm).

FJ-UMX
\$450.00
 3.2 lb (1.5kg)
 15.25" (39.1cm)



FJ-UMX - MX-FOAMJET - ULTIMATIC - Air-aspirating foam-making attachment for all Ultimatic 125 and METRO 0 Series nozzles. Flow range of 10-125 gpm (40-500 l/min) matches that of corresponding TFT Ultimatic 125 (needed for operation). The MX-FOAMJET is constructed of durable U.V. stabilized polyethylene and aluminum. Diameter 7.4" (18.8cm).

FJ-HMX
\$455.00
 3.1 lb (1.4kg)
 15.62" (3.9cm)



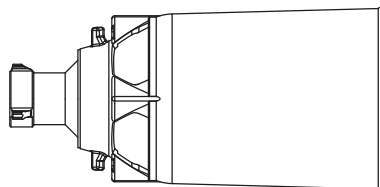
FJ-HMX - MX-FOAMJET Multi-expansion foam-making attachment for all Handline, Dual-Force and METRO 2 Series nozzles. Flow range matches that of corresponding TFT Handline, Dual-Force and METRO 2 series nozzles (needed for operation). The MX-FOAMJET is constructed of durable U.V. stabilized polypropylene and lightweight hardcoat anodized aluminum. Diameter 8.6" (21.8 cm).



Medium-Expansion Foam Nozzle

These simple, lightweight, durable foam nozzles deliver the same thick, long lasting foam blanket, which has come to be expected of TFT foam products, without the need for a separate nozzle. Compact and easy to maintain, these nozzles deliver consistent foam aspiration, and are engineered to provide optimum foam production, when paired with a 60, 95, or 125 gpm TFT eductor. A TFT F140 inline ball valve can be ordered separately to provide shutoff capability.

FJ-MX-060-NF
FJ-MX-095-NF
FJ-MX-125-NF
\$220.00
2.40 lb (1.10kg)
16.20" (41.1 cm)



FJ-MX-060-NF Air aspirating medium expansion foam nozzle for use with 60 gpm eductors using medium expansion foam concentrates. Hardcoat anodized aluminum, stainless steel mesh, and black UV stabilized polyethylene construction. 1.5" NH (38mm) swivel rocker lug coupling is standard.

FJ-MX-095-NF Same as above, but used with 95 gpm eductors.

FJ-MX-125-NF Same as above, but used with 125 gpm eductors.

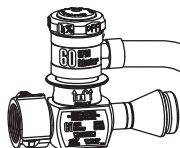
Basic Guide To Foam Selection and Use

Refer to instructions and guidelines from foam manufacturer and the fire service for specific uses and application techniques.

SOLID FUEL - CLASS A			
Solid fuel with wettable cellular fibers that leave ash behind when burned. Examples: wood, paper, straw, brush, etc.			
CLASS A			
Recommended using class A foam that meets USDA Forest Service "Interim Requirements for Foam for Wildland Fires, Aircraft or Ground Application" or NFPA 298 "Foam Chemicals for Wildland Fire Control."			
INVOLVED STRUCTURES		WILDLAND & EXPOSURE PROTECTION	
Application rates in gpm/ft2 0.33 for fully involved		Apply as needed for penetration, isolation, cooling, and smothering	
Apply using low expansion setting for: - soaking and penetration of fuel - greater stream reach Apply using medium expansion setting for: - greater coverage - longer lasting - insulating			
LIQUID FUEL - CLASS B			
HYDROCARBONS		POLAR SOLVENTS	
Fuels that are mostly refined from crude oil or vegetable matter. Will not mix with water.		A flammable liquid that mixes with water. Examples are alcohols, amines, ethers, esters, aldehydes, and ketones. In firefighting, any flammable liquid which destroys regular foam is generally referred to as a polar solvent.	
AFFF (Aqueous Film Forming Foam) FFFP (Film Forming FluoroProtein Foam) AR-AFFF (Alcohol Resistant AFFF Foam) PROTEIN FLUOROPROTEIN		AR-AFFF (Alcohol Resistant Foam)	
IGNITED	UNIGNITED	IGNITED	UNIGNITED
Application rates in gpm/ft2 AFFF & FFFP: 0.10 Protein & Fluoroprotein: 0.16 Reapply as needed.		Application rates: Use foam manufacturer's recommendations for handheld nozzles.	
Apply using LOW EXPANSION setting for extinguishment	Apply using MEDIUM EXPANSION setting for vapor suppression	Apply using LOW EXPANSION setting for extinguishment	Apply using MEDIUM EXPANSION setting for vapor suppression

In line Foam Eductors have a metering head with easy-read knob for use with Class A foam at .25% and .5% and with ARC-AFFF foam at 1%, 3% and 6% . Your choice of extra large 36" pickup hose with stainless steel wand or direct truck connect pickup hose are ideal for use with high viscosity foams. The meter head is equipped with a unique back flush push-button for fast cleaning, and is secured to the eductor body with a rugged disconnect. All controls are easy to use with gloves. Made of hardcoat anodized aluminum for corrosion protection. The required inlet pressure is 200 psi. The maximum allowable back pressure is 130 psi.

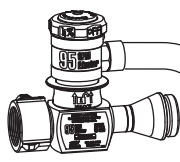
UE-060-NF
UE-060-NJ-NF
\$860.00
 4.5 lb (2.0kg)
 7.80"L x 6.5"H
 (19.8cm x 16.6cm)



UE-060-NF In line eductor 1.5" NH (38mm) - Flow capability is 60 gpm. Lightweight hardcoat anodized aluminum material for maximum resistance to corrosion and wear. 1.5" NH (38mm) full-time swivel rocker lug inlet coupling and 1.5" NH (38mm) male outlet and extra large 36" pickup hose with stainless steel wand is standard.

UE-060-NJ-NF In line eductor 2.5" NH (65mm) full-time swivel rocker lug inlet coupling and 1.5" NH (38mm) male outlet is standard.

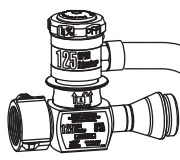
UE-095-NF
UE-095-NJ-NF
\$860.00
 4.5 lb (2.0kg)
 7.80"L x 6.5"H
 (19.8cm x 16.6cm)



UE-095-NF In line eductor 1.5" NH (38mm) - Flow capability is 95 gpm. Lightweight hardcoat anodized aluminum material for maximum resistance to corrosion and wear. 1.5" NH (38mm) full-time swivel rocker lug inlet coupling and 1.5" NH (38mm) male outlet and extra large 36" pickup hose with stainless steel wand is standard.

UE-095-NJ-NF In line eductor 2.5" NH (65mm) full-time swivel rocker lug inlet coupling and 1.5" NH (38mm) male outlet is standard.

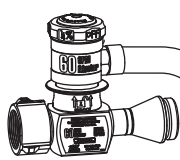
UE-125-NF
UE-125-NJ-NF
\$860.00
 4.5 lb (2.0kg)
 7.80"L x 6.5"H
 (19.8cm x 16.6cm)



UE-125-NF In line eductor 1.5" NH (38mm) - Flow capability is 125 gpm. Lightweight hardcoat anodized aluminum material for maximum resistance to corrosion and wear. 1.5" NH (38mm) full-time swivel rocker lug inlet coupling and 1.5" NH (38mm) male outlet and extra large 36" pickup hose with stainless steel wand is standard.

UE-125-NJ-NF In line eductor 2.5" NH (65mm) full-time swivel rocker lug inlet coupling and 1.5" NH (38mm) male outlet is standard.

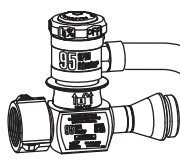
UE-060-NF-01
\$885.00
 4.5 lb (2.0kg)
 7.80"L x 6.5"H
 (19.8cm x 16.6cm)



UE-060-NF-01 In line eductor 1.5" NH (38mm) - Flow capability is 60 gpm. Lightweight hardcoat anodized aluminum material for maximum resistance to corrosion and wear. 1.5" NH (38mm) full-time swivel rocker lug inlet coupling and 1.5" NH (38mm) male outlet and 51" (1.3m) pickup hose with a 1.0"NH (25mm) rocker lug coupling for attachment to on-board foam systems is standard.

CAM Lock fittings are available.
 Contact Customer Service

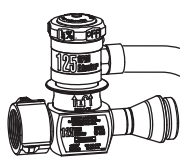
UE-095-NF-01
\$885.00
 4.5 lb (2.0kg)
 7.80"L x 6.5"H
 (19.8cm x 16.6cm)



UE-095-NF-01 In line eductor 1.5" NH (38mm) - Flow capability is 95 gpm. Lightweight hardcoat anodized aluminum material for maximum resistance to corrosion and wear. 1.5" NH (38mm) full-time swivel rocker lug inlet coupling and 1.5" NH (38mm) male outlet and 51" (1.3m) pickup hose with a 1.0"NH (25mm) rocker lug coupling for attachment to on-board foam systems is standard.

CAM Lock fittings are available.
 Contact Customer Service

UE-125-NF-01
\$885.00
 4.5 lb (2.0kg)
 7.80"L x 6.5"H
 (19.8cm x 16.6cm)



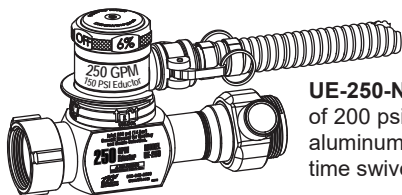
UE-125-NF-01 In line eductor 1.5" NH (38mm) - Flow capability is 125 gpm. Lightweight hardcoat anodized aluminum material for maximum resistance to corrosion and wear. 1.5" NH (38mm) full-time swivel rocker lug inlet coupling and 1.5" NH (38mm) male outlet and 51" (1.3m) pickup hose with a 1.0"NH (25mm) rocker lug coupling for attachment to on-board foam systems is standard.

CAM Lock fittings are available.
 Contact Customer Service

250 & 350 EDUCTOR SERIES

250 gpm and 350 gpm in line Foam Eductors have a metering head with easy-read knob for use with Class A foam at .5% and with Class B foam at 1%, 3%, and 6%. Large 8' industrial grade, UV resistant pickup hose is ideal for use with high viscosity foams. The meter head is equipped with a unique backflush push-button for fast cleaning, and is secured to the eductor body with a rugged disconnect. Easy to read Go/NoGo gage on outlet shows back pressure on eductor. All controls are easy to use with gloves. Made of hardcoat anodized aluminum for corrosion protection.

UE-250-NJ
UE-250L-NJ
\$1350.00
 13.0 lb (5.9kg)
 13.50"L x 8.5"H
 (34.3cm x 21.6cm)

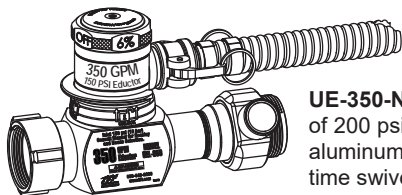


L = Low Pressure 150 psi

UE-250-NJ In line eductor 2.5"NH (65mm) – Flow capability is 250 gpm with inlet pressure of 200 psi. Maximum allowable back pressure is 130 psi. Lightweight hardcoat anodized aluminum material for maximum resistance to corrosion and wear. 2.5" NH (65mm) full-time swivel rocker lug inlet coupling and 2.5" NH (65mm) rigid male outlet is standard.

UE-250L-NJ In line eductor 2.5"NH (65mm) – Flow capability is 250 gpm with inlet pressure of 150 psi. Maximum allowable back pressure is 80 psi. Lightweight hardcoat anodized aluminum material for maximum resistance to corrosion and wear. 2.5" NH (65mm) full-time swivel rocker lug inlet coupling and 2.5" NH (65mm) rigid male outlet is standard.

UE-350-NJ
UE-350L-NJ
\$1350.00
 13.0 lb (5.9kg)
 13.50"L x 8.5"H
 (34.3cm x 21.6cm)



UE-350-NJ In line eductor 2.5"NH (65mm) – Flow capability is 350 gpm with inlet pressure of 200 psi. Maximum allowable back pressure is 130 psi. Lightweight hardcoat anodized aluminum material for maximum resistance to corrosion and wear. 2.5" NH (65mm) full-time swivel rocker lug inlet coupling and 2.5" NH (65mm) rigid male outlet is standard.

UE-350L-NJ In line eductor 2.5"NH (65mm) – Flow capability is 350 gpm with inlet pressure of 150 psi. Maximum allowable back pressure is 80 psi. Lightweight hardcoat anodized aluminum material for maximum resistance to corrosion and wear. 2.5" NH (65mm) full-time swivel rocker lug inlet coupling and 2.5" NH (65mm) rigid male outlet is standard.

UE950
\$310.00
 3.5 lb (1.6kg)
 8.00" (2.4m)



CLEAR PICKUP HOSE – 1.0" (25mm) Cam lock connection on 1.25" x 8' (32mm x 2.4m) long clear hose. Flexible for easy storage.

CAFS Automatic Nozzles

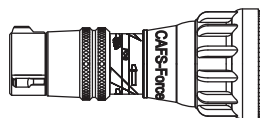
The ONLY automatic nozzle designed specifically for Compressed Air Foam (CAFS) and water applications, CAFS-Force is engineered to provide optimal foam stream performance, as well as offering low pressure nozzle operations when using water alone. HMDC-TO and HDC-TO nozzles shall have a molded rubber bumper with "power fog" teeth, flush without shutting down, reflective labeling shall be standard, and meet NFPA 1964 (2009 edition). The extruded aluminum alloy body shall be hard coat anodized and nozzle shall have an automatic dual-pressure control that may be switched from standard low pressure (water application) to CAFS mode. Nozzles are tip only and require a ball valve to shut off. Nozzle shall have laser engraved serial number and a 5-year warranty.

HMDC-TO
\$1020.00
 6.6 lb (3.0kg)
 9.00" (22.9cm)



HMDC-TO CAFS-Force Nozzle 1.5" NH (38mm) – The ONLY automatic nozzle combination designed specifically for Compressed Air Foam (CAFS) and water applications, CAFS-Force is engineered to provide optimal foam stream performance, as well as offering low pressure nozzle operations when using water alone. The CAFS-Force tip features an automatic dual-pressure control with a water flow capacity of 70-200 gpm that may be switched from standard low pressure (water application) to CAFS mode. 1.5" NH (38mm) rocker lug coupling is standard.

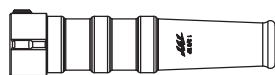
HDC-TO
\$1030.00
 8.2 lb (3.7kg)
 9.75" (23.8cm)



HDC-TO CAFS-Force Nozzle 1.5" NH (38mm) – The ONLY automatic nozzle combination designed specifically for Compressed Air Foam (CAFS) and water applications, CAFS-Force is engineered to provide optimal foam stream performance, as well as offering low pressure nozzle operations when using water alone. The CAFS-Force tip features an automatic dual-pressure control with a water flow capacity of 95-250 gpm that may be switched from standard low pressure (water application) to CAFS mode. 1.5" NH (38mm) rocker lug coupling is standard.

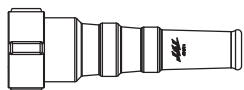
CAFS Straight Tip Nozzles

FSS13-CAFS
\$230.00
 1.7 lb (0.8kg)
 10.45" (26.5cm)



FSS13-CAFS STRAIGHT TIP – 1.5"NH (38mm) with smooth taper to 1 3/8" (35mm) tip. This tip is hardcoat anodized and is design for compressed air foam (CAFS) application. The tip is also suitable for use with water. 1.5" (38mm) NH rocker lug full-time swivel coupling inlet standard.

JSS13-CAFS
\$230.00
 2.2 lb (1.0kg)
 10.91" (27.7cm)



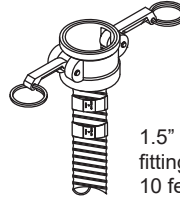
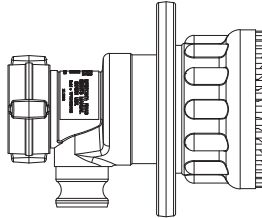
JSS13-CAFS STRAIGHT TIP – 2.5"NH (65mm) with smooth taper to 1 3/8" (35mm) tip. This tip is hardcoat anodized and is design for compressed air foam (CAFS) application. The tip is also suitable for use with water. 2.5" (65mm) NH rocker lug full-time swivel coupling inlet standard.

250, 350, 500, 750 gpm Self-Educting Foam Nozzles

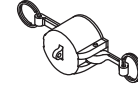
Fixed GPM

The Task Force Tips' MASTER FOAM nozzle is a simple and rugged self-educting foam nozzle with superior stream quality and reach. This fixed gallonage fog nozzle rated at 100 psi (7 bar) is available with your choice of 250, 350, 500 or 750 gpm (950, 1300, 2000, 3000 l/min). Fog angle is user adjustable between 90° wide fog and straight stream. The nozzle's baffle is easily removed for flushing debris. The standard swivel coupling is 2.5" NH, NPSH, or BSP (65mm) female threads. The simple flow geometry can educt foam concentrate at .5%, 1%, 3%, or 6% with no small passages to clog. Percentage is easily set with an interchangeable orifice plate. A set of calibrated foam orifice plates is included. Nozzle comes with an industrial grade UV resistant, 10 feet long, 1.5" diameter (3m x 38mm) concentrate hose with two cam lock fitting for quick and secure attachment to the nozzle. The simple and basic design requires no grease or other maintenance. The halo ring/stream shaper is made from non-corroding high temperature polymer. The rubber bumper is UV resistant. The MASTER FOAM self-educting nozzle is available in hardcoat anodized ANSI A356.0.T6 aluminum. All MASTER FOAM nozzles accept the FJ-LX-M FOAMJET low expansion air-aspirating attachment.

ZMF10A
\$2035.00
 7.3 lb (3.3kg)
 10.50" (26.7cm)



Calibrated Foam Orifice Plates
 .5% 1% 3% 6%



Dust Cap With
 Cam Lock Fitting

1.5" Diameter concentrate hose with one 1.5" Cam Lock fitting, one 2" Cam Lock fitting, Industrial grade, UV resistant, 10 feet (3 m) long.

When ordering, choose one option from each category. For example Model ZMF 1 2 A is 2.5" NH Female thread, 500 gpm at 100 psi. For assistance in ordering, please call 1-800-348-2686 and speak to a nozzle specialist.

ZMF

THREADS (Swivel) (2.5" = 65mm)	FLOW
1) 2.5"-7.5 NH FEMALE	0) 250 gpm @ 100 psi (950 l/min @ 7 bar) — Kfactor = 25
2) 2.5"-11 BSP FEMALE	1) 350 gpm @ 100 psi (1300 l/min @ 7 bar) — Kfactor = 35
3) 2.5"-11.5 NPSH FEMALE	2) 500 gpm @ 100 psi (2000 l/min @ 7 bar) — Kfactor = 50
4) 2.5"- SPECIAL THREADS	3) 750 gpm @ 100 psi (3000 l/min @ 7 bar) — Kfactor = 75

Z625A
\$420.00
 7.0 lb (3.2kg)

Supply Hose - 1.5" Cam lock X 2.0" Cam lock
 1.5" x 10 feet (38mm x 3m) long concentrate hose, Industrial grade, UV resistant.

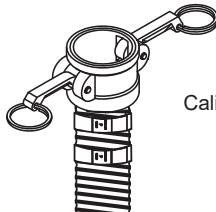
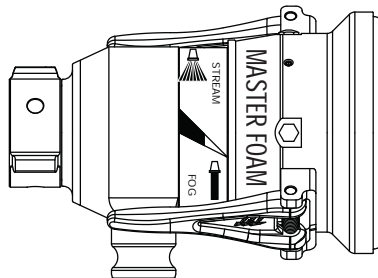
UE960-KIT
\$60.00

UE960-Kit 1.5" Cam lock adapter available.

1000, 1250, 1500, 2000 gpm Self Educting Foam Nozzles

The Task Force Tips' MASTER FOAM nozzle is a simple and rugged self-educting foam nozzle with superior stream quality and reach. This fixed gallonage fog nozzle rated at 100 psi (7 bar) is available with your choice of 1000, 1250, 1500 or 2000 gpm (3800, 4800, 6000 or 8000 l/min). Fog angle is user adjustable between 90° wide fog and straight stream. The nozzle's baffle is easily removed for flushing debris. The standard swivel coupling is 2.5" NH, NPSH, or BSP (65mm) or 3.5" NH (89mm) female threads. The simple flow geometry can educt foam concentrate at 1% or 3% with no small passages to clog. Nozzle comes with an industrial grade UV resistant, 10 feet long, 2" diameter (3m x 50mm) concentrate hose with two cam lock fitting for quick and secure attachment to the nozzle. The simple and basic design requires minimal maintenance. Includes folding handles for manual pattern control. Hardcoat anodized aluminum ANSI A6061-T6 for maximum resistance to corrosion and wear.

ZMF14
ZMF15
\$2340.00
 17.7 lb (8.0kg)
 10.70" (27.2cm)



Calibrated Foam Orifice Plates
 1% 3%

Dust Cap With
 Cam Lock Fitting

ZMF

THREADS (Swivel) (2.5" = 65mm)	FLOW
1) 2.5"-7.5 NH FEMALE	4) 1000 gpm @ 100 psi (3800 l/min @ 7 bar) — Kfactor = 100
2) 2.5"-11 BSP FEMALE	5) 1250 gpm @ 100 psi (4800 l/min @ 7 bar) — Kfactor = 125
3) 2.5"-11.5 NPSH FEMALE	6) 1500 gpm @ 100 psi (5700 l/min @ 7 bar) — Kfactor = 150
4) 2.5"- SPECIAL THREADS	7) 2000 gpm @ 100 psi (8000 l/min @ 7 bar) — Kfactor = 200
5) 3.5" - 6 NH FEMALE	

2" Diameter concentrate hose with one 1.5" Cam Lock fitting, one 2" Cam Lock fitting, Industrial grade, UV resistant, 10 feet (3 m) long.

ZMF16
\$2340.00
 17.7 lb (8.0kg)
 10.70" (27.2cm)

1500 gpm @ 100 psi (6000 l/min @ 7 bar)
 3.5"-6 NH (89mm) NH Coupling
 2" Diameter concentrate hose with two 2" Cam Lock fitting, Industrial grade, UV resistant, 10 feet (3 m) long.

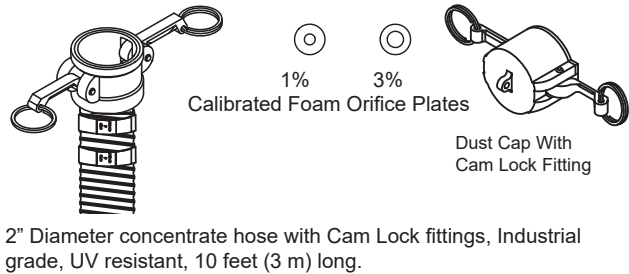
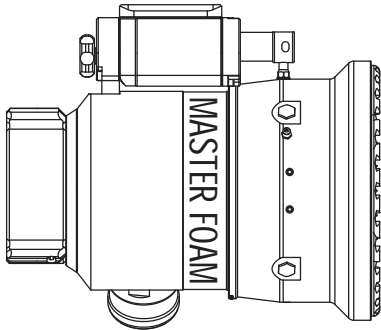
ZMF17
\$2340.00
 17.7 lb (8.0kg)
 10.70" (27.2cm)

2000 gpm @ 100 psi (8000 l/min @ 7 bar)
 3.5"-6 NH (89mm) NH Coupling
 2" Diameter concentrate hose with two 2" Cam Lock fitting, Industrial grade, UV resistant, 10 feet (3 m) long.

MASTER FOAM ER

1000, 1250, 1500, 2000 gpm Self Educating Foam Nozzles

The Task Force Tips' MASTER FOAM ER nozzle is a simple and rugged self-educating foam nozzle with superior stream quality and reach. This fixed gallonage fog nozzle rated at 100 psi (7 bar) is available with your choice of 1000, 1250, 1500 or 2000 gpm (3800, 4800, 6000 or 8000 l/min). Fog angle is user adjustable between 90° wide fog and straight stream. The nozzle's baffle is easily removed for flushing debris. The standard swivel coupling is 2.5" NH, NPSH, or BSP (65mm) or 3.5" NH (89mm) female threads. The simple flow geometry can educt foam concentrate at 1% or 3% with no small passages to clog. Nozzle comes with an industrial grade UV resistant, 10 feet long, 2" diameter (3m x 50mm) concentrate hose with two cam lock fitting for quick and secure attachment to the nozzle. The simple and basic design requires minimal maintenance. Includes manual override knob for manual pattern control. Hardcoat anodized aluminum ANSI A6061-T6 for maximum resistance to corrosion and wear.



ZMF-	THREADS (Swivel) (2.5" = 65mm) (3.5" = 89mm)	FLOW	—	WIRE
	1) 2.5"-7.5 NH FEMALE 2) 2.5"-11 BSP FEMALE 3) 2.5"-11.5 NPSH FEMALE 4) 2.5"- SPECIAL THREADS 5) 3.5" - 6 NH FEMALE	4) 1000 gpm @ 100 psi (3800 l/min @ 7 bar) — Kfactor = 100 5) 1250 gpm @ 100 psi (4800 l/min @ 7 bar) — Kfactor = 125 6) 1500 gom @ 100 psi (5700 l/min @ 7 bar) — Kfactor = 150 7) 2000 gpm @ 100 psi (8000 l/min @ 7 bar) — Kfactor = 200		ERP) Plug with Smart Stream Technology ER) Non terminated wire

SAMPLE PART NUMBERS
Specify actual number
from chart.

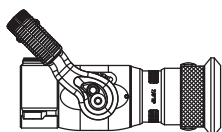
ZMF14-ER ZMF14-ERP \$3980.00 21.3 lb (9.7kg) 10.70" (27.2cm)	ZMF14-ERP - MASTERFOAM NOZZLE 12-24VDC - 1000 gpm @ 100 psi (3800 l/min @ 7 bar) 2.5"-7.5 NH (65mm) Coupling includes one 2" Diameter concentrate hose with one 1.5" and one 2" Cam Lock fitting, Industrial grade, UV resistant, 10 feet (3 m) long. For use on TFT RC monitors only. ZMF14-ER - Same as ZMF14-ERP except with 6 ft of non-terminated remote wire for custom installations. Does not have SMART STREAM technology.
ZMF15-ER ZMF15-ERP \$3980.00 21.3 lb (9.7kg) 10.70" (27.2cm)	ZMF15-ERP - MASTERFOAM NOZZLE 12-24VDC - 1250 gpm @ 100 psi (4800 l/min @ 7 bar) 2.5"-7.5 NH (65mm) Coupling includes one 2" Diameter concentrate hose with one 1.5" and one 2" Cam Lock fitting, Industrial grade, UV resistant, 10 feet (3 m) long. For use on TFT RC monitors only. ZMF15-ER - Same as ZMF15-ERP except with 6 ft of non-terminated remote wire for custom installations. Does not have SMART STREAM technology.
ZMF16-ER ZMF16-ERP \$3980.00 21.3 lb (9.7kg) 10.70" (27.2cm)	ZMF16-ERP - MASTERFOAM NOZZLE 12-24VDC - 1500 gpm @ 100 psi (5700 l/min @ 7 bar) 3.5"-6 NH (89mm) NH Coupling includes one 2" Diameter concentrate hose with two 2" Cam Lock fittings, Industrial grade, UV resistant, 10 feet (3 m) long. For use on TFT RC monitors only. ZMF16-ER - Same as ZMF16-ERP except with 6 ft of non-terminated remote wire for custom installations. Does not have SMART STREAM technology.
ZMF17-ER ZMF17-ERP \$3980.00 21.3 lb (9.7kg) 10.70" (27.2cm)	ZMF17-ERP - MASTERFOAM NOZZLE 12-24VDC - 2000 gpm @ 100 psi (8000 l/min @ 7 bar) 3.5"-6 NH (89mm) NH Coupling includes one 2" Diameter concentrate hose with two 2" Cam Lock fittings, Industrial grade, UV resistant, 10 feet (3 m) long. For use on TFT RC monitors only. ZMF17-ER - Same as ZMF17-ERP except with 6 ft of non-terminated remote wire for custom installations. Does not have SMART STREAM technology.

TFT's VIT (Valve Integral Tip) Ball Valve series is designed to be the most rugged valve/smooth bore tip combination available while still maintaining a competitively low price. By using high strength materials, this unique TFT valve/tip combination provides the maximum amount of resistance to wear and corrosion while offering complete fire streams management flexibility. Designed to provide maximum flow, stream quality, and versatility when coupled with a high flowing combination nozzle, the VIT series can also be used as a smooth bore nozzle. A thread protector covers the 1.5" NH outlet threads when VIT is being used as a smooth bore nozzle, and slides back to a hold position to allow for easy attachment of a nozzle or hose line. Designed for 1.5", 1.75", 2", 2.5", and 3" (38mm, 52mm, 65mm, and 75mm) attack lines, the VIT series is engineered to meet your high flow needs.

SAMPLE PART NUMBER

Specify actual number from chart below.

HVIT11
\$485.00
3.8 lb (1.7kg)
9.26" (23.5cm)

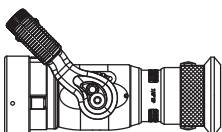


HVIT1* – VALVE INTEGRAL TIP NOZZLE 1.5" NH (38mm) – Separate ball-type shutoff valve for use with tip only nozzles. Use the valve as a smooth bore at the selected outlet diameter. Six detent flow positions. Colored handle covers available. 1.5" NH (38mm) rocker lug full-time swivel inlet coupling and 1.5" NH (38mm) male outlet standard. All lightweight materials are used.

SAMPLE PART NUMBER

Specify actual number from chart below.

HVIT21
\$610.00
4.2 lb (1.9kg)
9.41" (23.9cm)



HVIT2* – VALVE INTEGRAL TIP NOZZLE 2.5" NH (38mm) – Separate ball-type shutoff valve for use with tip only nozzles. Use the valve as a smooth bore at the selected outlet diameter. Six detent flow positions. Colored handle covers available. 2.5" NH (65mm) rocker lug full-time swivel inlet coupling and 1.5" NH (38mm) male outlet standard. All lightweight materials are used.

Choose desired outlet diameter and coupling size from chart.

For assistance in ordering, please call 1-800-348-2686 to speak with a nozzle specialist.

HVIT

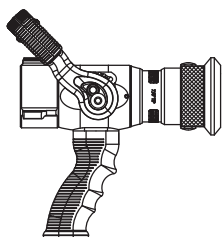
For example Model **HVIT22** is 2.5" NH female thread inlet with a 15/16" diameter outlet nozzle.

WITHOUT PISTOL GRIP		SMOOTHBORE OUTLET DIAMETER						
		7/8"	15/16"	1.0"	1-1/8"	1-1/4"	1-3/8"	1-3/16"
THREADED INLET DIAMETER	1.5" NH	11	12	13	14	15	16	17
	2.5" NH	21	22	23	24	25	26	27

SAMPLE PART NUMBER

Specify actual number from chart below.

HVITG11
\$485.00
4.1 lb (1.8kg)
9.26" (23.5cm)



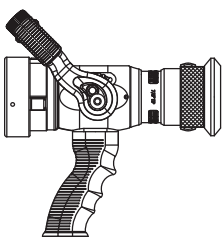
HVITG1* – VALVE INTEGRAL TIP NOZZLE W/GRIP 1.5" NH (38mm) – Separate ball-type shutoff valve with built-in pistol grip mounted below valve body for use with tip only nozzles. Use the valve as a smooth bore at the selected outlet diameter. Six detent flow positions. Colored pistol grip and handle covers available. 1.5" NH (38mm) rocker lug full-time swivel inlet coupling and 1.5" NH (38mm) male outlet standard. All lightweight materials are used.

Folding Pistol Grip Kits with NFPA color inserts are available. See page 218 for ordering information.

SAMPLE PART NUMBER

Specify actual number from chart below.

HVITG21-01
\$610.00
4.5 lb (2.0kg)
9.41" (23.9cm)



HVITG2*-01 – VALVE INTEGRAL TIP NOZZLE W/GRIP 2.5" NH (38mm) – Separate ball-type shutoff valve with built-in pistol grip mounted below valve body for use with tip only nozzles. Use the valve as a smooth bore at the selected outlet diameter. Six detent flow positions. Colored pistol grip and handle covers available. 2.5" NH (65mm) rocker lug full-time swivel inlet coupling and 1.5" NH (38mm) male outlet standard. All lightweight materials are used.

Choose desired outlet diameter and coupling size from chart.

For assistance in ordering, please call 1-800-348-2686 to speak with a nozzle specialist.

HVITG

Model **HVITG14** is a 1.5" NH female thread inlet, 1-1/8" diameter outlet nozzle with a pistol grip.

WITH PISTOL GRIP		SMOOTHBORE OUTLET DIAMETER						
		7/8"	15/16"	1.0"	1-1/8"	1-1/4"	1-3/8"	1-3/16"
THREADED INLET DIAMETER	1.5" NH	11	12	13	14	15	16	17
	2.5" NH	21	22	23	24	25	26	27

See page 217 for additional or replacement smoothbore outlets.

Folding Pistol Grip Kits with NFPA color inserts are available. See page 218 for ordering information.

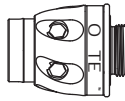
VORTEX SERIES

The TFT Vortex enhances the use of a smoothbore nozzle. It is intended for installation behind a smoothbore nozzle for use with water or fire fighting foam solutions. Six short vanes in the bore of the Vortex reduce turbulence in straight stream. Twisting the Stream Shaper from "STREAM" to "VORTEX" causes the vanes to pivot proportionally. This induces a gentle spin in the water to create a uniformly dispersed Vortex stream pattern. The vanes are less obtrusive than a typical stream straightener, resulting in virtually no friction loss regardless of which stream pattern is selected. The vanes also allow large debris to easily pass through the Vortex.

The Shaper includes a tactile detent at the straight stream and full Vortex dispersed positions as a secure confirmation that the desired setting has been achieved. As seen from the operating position behind the nozzle, twisting the stream shaper clockwise moves the shaper to the straight stream position. Twisting the shaper counterclockwise will result in an increasingly wider pattern until reaching the full Vortex pattern.

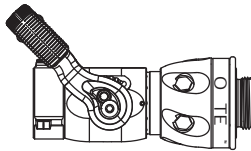
Pivoting the vanes has virtually no effect on the flow area or ability to pass debris up to 5/8". As a result, discharge pressure and flow rate remain constant regardless of stream pattern. The nozzle reaction is greatest when the shaper is in the straight stream position.

SVFT
\$535.00
 1.9 lb (0.9kg)
 4.55" (11.5cm)



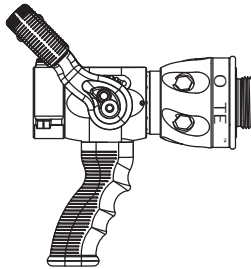
SVFT – VORTEX TIP ONLY 1.5"NHF X 1.5"NHM (38mm) – Integrated 1 3/8" water way. Any smaller sized smooth bore tip may be attached to the male outlet threads. 1.5" NH (38mm) rigid base inlet and 1.5" NH (38mm) male outlet standard. All lightweight materials are used.

SVFV
\$915.00
 3.8 lb (1.7kg)
 8.42" (21.4cm)



SVFV – VORTEX W/ DETENT VALVE 1.5"NHF X 1.5"NHM (38mm) – Integrated 1 3/8" water way. Any smaller sized smooth bore tip may be attached to the male outlet threads. Includes ball-type shutoff valve with six detent flow positions. Colored handle covers available. 1.5" NH (38mm) rocker lug non-full-time swivel inlet coupling and 1.5" NH (38mm) male outlet standard. All lightweight materials are used.

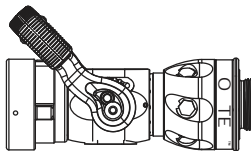
SVFG
\$915.00
 4.1 lb (1.9kg)
 8.42" (21.2cm)



SVFG – VORTEX W/ DETENT VALVE & GRIP 1.5X1.5"N (38mm) – Integrated 1 3/8" water way. Any smaller sized smooth bore tip may be attached to the male outlet threads. Includes ball-type shutoff valve with built-in pistol grip mounted below valve body. Six detent flow positions. Colored pistol grip and handle covers available. 1.5" NH (38mm) rocker lug non-full-time swivel inlet coupling and 1.5" NH (38mm) male outlet standard. All lightweight materials are used.

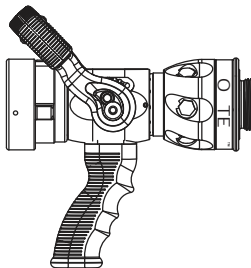
Folding Pistol Grip Kits with NFPA color inserts are available.
 See page 218 for ordering information.

SVFV-NJ
\$915.00
 4.2 lb (1.9kg)
 8.57" (21.8cm)



SVFV-NJ – VORTEX W/ DETENT VALVE 2.5"NHF X 1.5"NHM (38mm) – Integrated 1 3/8" water way. Any smaller sized smooth bore tip may be attached to the male outlet threads. Includes ball-type shutoff valve with six detent flow positions. Colored handle covers available. 2.5" NH (65mm) rocker lug full-time swivel inlet coupling and 1.5" NH (38mm) male outlet standard. All lightweight materials are used.

SVFG-NJ
\$915.00
 4.5 lb (2.1kg)
 8.57" (21.8cm)



SVFG – VORTEX W/ DETENT VALVE & GRIP 2.5"NHF X 1.5"NHM (38mm) – Integrated 1 3/8" water way. Any smaller sized smooth bore tip may be attached to the male outlet threads. Includes ball-type shutoff valve with built-in pistol grip mounted below valve body. Six detent flow positions. Colored pistol grip and handle covers available. 2.5" NH (65mm) rocker lug full-time swivel inlet coupling and 1.5" NH (38mm) male outlet standard. All lightweight materials are used.

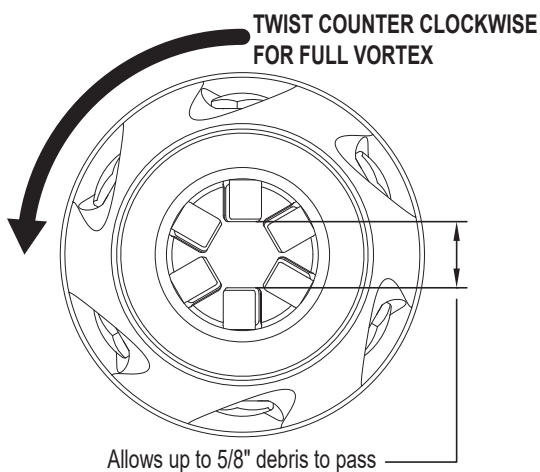
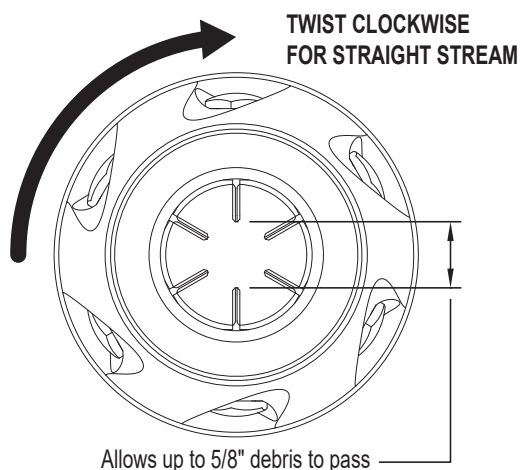
Folding Pistol Grip Kits with NFPA color inserts are available.
 See page 218 for ordering information.

SEE CHART



FF15* - STRAIGHT TIP - with smooth inside taper. 1.5" NH (38mm) thread is standard.
*Please specify model # and orifice when ordering.

Model #	ORIFICE		Weight	Length
FF151	1/2" (12mm)	\$80.00	0.22 lb (0.10 kg)	3.00" (76mm)
FF152	5/8" (16mm)	\$80.00	0.22 lb (0.10 kg)	3.00" (76mm)
FF153	15/16" (24mm)	\$80.00	0.20 lb (0.09 kg)	2.75" (69mm)
FF154	1" (25mm)	\$80.00	0.17 lb (0.08 kg)	2.50" (65mm)
FF155	1-1/8" (28mm)	\$80.00	0.14 lb (0.06 kg)	2.50" (65mm)
FF156	1-3/16" (30mm)	\$80.00	0.13 lb (0.06 kg)	2.50" (65mm)
FF157	7/8" (22mm)	\$80.00	0.22 lb (0.10 kg)	3.00" (76mm)



Pivoting the vanes has virtually no effect on the flow area or ability to pass debris up to 5/8". As a result, discharge pressure and flow rate remain constant regardless of stream pattern. The nozzle reaction is greatest when the shaper is in the straight stream position.

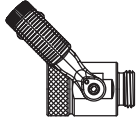
1" (25mm) & 1.5" (38mm) ACCESSORIES

D75D
\$190.00
 1.0 lb (0.5kg)
 3.75" (9.6cm)



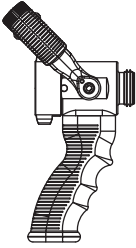
D75D - BALL VALVE 1.0" NH X 1.0" NH (25mm x 25mm) - Ball Valve with an unobstructed 3/4" (19mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Optional color coded handle covers available. 1" NH (25mm) rocker lug swivel inlet, and 1" NH (25mm) male outlet standard.

D75DR
\$150.00
 0.9 lb (0.4kg)
 3.75" (9.6cm)



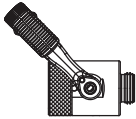
D75DR - RIGID BALL VALVE 1.0" NH X 1.0" NH (25mm x 25mm) - Ball Valve with an unobstructed 3/4" (19mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Optional color coded handle covers available. 1" NH (25mm) rigid base inlet, and 1" NH (25mm) male outlet standard. NPSH is available.

D75DP
\$190.00
 1.3 lb (0.6kg)
 3.75" (9.6cm)



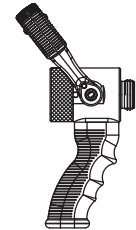
D75DP - VALVE W/GRIP 1.0" NH X 1.0" NH (25mm x 25mm) - Ball Valve with an unobstructed 3/4" (19mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Pistol grip is mounted below the valve. Optional color coded pistol grip and handle covers available. 1" NH (25mm) rocker lug swivel inlet and 1" NH (25mm) male outlet standard.

D100D
\$250.00
 1.4 lb (0.6kg)
 3.80" (9.7cm)



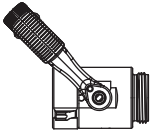
D100D - BALL VALVE 1.0" NH X 1.0" NH (25mm x 25mm) - Ball Valve with an unobstructed 1" (25mm) waterway. All lightweight materials, hardcoat anodized aluminum. Changeable rear valve seat and stainless steel shut-off ball. Optional color coded handle covers available. 1" NH (25mm) knurled swivel inlet, and 1" NH (25mm) male outlet standard.

D100DP
\$250.00
 1.7 lb (0.8kg)
 3.80" (9.7cm)



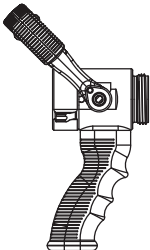
D100DP - VALVE W/GRIP 1.0" NH X 1.0" NH (25mm x 25mm) - Ball Valve with an unobstructed 1" (25mm) waterway. All lightweight materials, hardcoat anodized aluminum. Changeable rear valve seat and stainless steel shut-off ball. Pistol grip is mounted below the valve. Optional color coded pistol grip and handle covers available. 1" NH (25mm) knurled swivel inlet, and 1" NH (25mm) male outlet standard.

F100F
\$300.00
 1.5 lb (0.7kg)
 3.75" (9.6cm)



F100F - BALL VALVE 1.5" NH X 1.5" NH (38mm x 38mm) - Ball Valve with an unobstructed 1" (25mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Optional color coded handle covers available. 1.5" NH (38mm) rocker lug swivel inlet, and 1.5" NH (38mm) male outlet standard.

F100FP
\$300.00
 1.7 lb (0.8kg)
 3.75" (9.6cm)



F100FP - VALVE W/GRIP 1.5" NH x 1.5" NH (38mm x 38mm) - Ball Valve with an unobstructed 1" waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Pistol grip is mounted below the valve. Optional color coded pistol grip and handle covers available. 1.5" NH (38mm) rocker lug swivel inlet, and 1.5" NH (38mm) male outlet standard.

Folding Pistol Grip Kits with NFPA color inserts are available.
 See page 218 for ordering information.

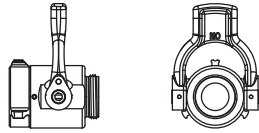
1.5" (38mm) & 2.5" (65mm) ACCESSORIES

F125F

\$330.00

1.5 lb (0.7kg)

3.75" (9.6cm)



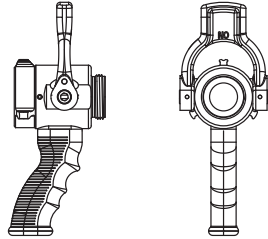
F125F - BALL VALVE 1.5" NH X 1.5" NH (38mm x 38mm) - Ball Valve with a handle designed for tight hose lays and an unobstructed 1.25" (32mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. 1.5" NH (38mm) rocker lug swivel inlet, and 1.5" NH (38mm) male outlet standard.

F125FP

\$330.00

1.7 lb (0.8kg)

3.75" (9.6cm)



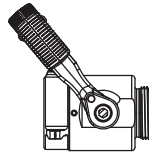
F125FP - VALVE W/GRIP 1.5" NH x 1.5" NH (38mm x 38mm) - Ball Valve with a handle designed for tight hose lays and an unobstructed 1.25" (32mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Pistol grip is mounted below the valve. Optional color coded pistol grip available. 1.5" NH (38mm) rocker lug swivel inlet, and 1.5" NH (38mm) male outlet standard.

F140F

\$350.00

2.2 lb (1.0kg)

4.00" (10.2cm)



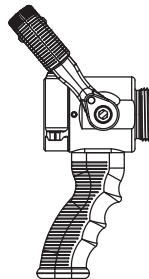
F140F - BALL VALVE 1.5" NH x 1.5" NH (38mm x 38mm) - Ball Valve with an unobstructed 1-3/8" (35mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Optional color coded handle covers available. 1.5" NH (38mm) rocker lug swivel inlet, and 1.5" NH (38mm) male outlet standard..

F140FP

\$350.00

2.4 lb (1.1kg)

4.00" (10.2cm)



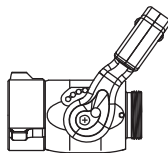
F140FP - VALVE W/GRIP 1.5" NH X 1.5" NH (38mm x 38mm) - Ball Valve with an unobstructed 1-3/8" (35mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Pistol grip is mounted below the valve. Optional color coded pistol grip and handle covers available. 1.5" NH (38mm) rocker lug swivel inlet, and 1.5" NH (38mm) male outlet standard.

H-VO

\$405.00

2.6 lb (1.3kg)

5.25" (13.3cm)



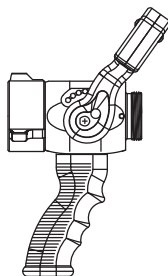
H-VO DETENT VALVE 1.5" NH X 1.5" NH (38mm x 38mm) - Separate ball-type shutoff valve with a 1-3/8" (35mm) waterway for use with tip only nozzles. Includes six detent flow positions. Colored handle covers available. 1.5" (38mm) NH rocker lug full-time swivel coupling, and 1.5" (38mm) NH male outlet standard. All lightweight materials. **Accepts F140SBI smooth bore insert kit found on page 54.**

H-VOI

\$405.00

3.3 lb (1.3kg)

5.25" (13.3cm)

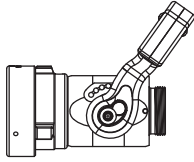


H-VOI DETENT VALVE W/GRIP 1.5" NH x 1.5" NH (38mm x 38mm) - Separate ball-type shutoff valve with a 1-3/8" (35mm) waterway and a built-in pistol grip mounted below the valve body for use with tip only nozzles. Six detent flow positions, optional colored pistol grip and handle covers, 1.5" (38mm) NH rocker lug full-time swivel coupling, and 1.5" (38mm) NH male outlet standard. All lightweight materials. **Accepts F140SBI smooth bore insert kit found on page 54.**

Folding Pistol Grip Kits with NFPA color inserts are available. See page 218 for ordering information.

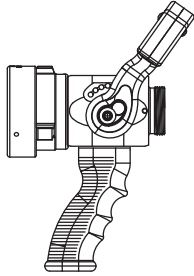
2.5" (65mm) ACCESSORIES

H-2VO
\$455.00
 2.6 lb (1.3kg)
 5.25" (13.3cm)



H-2VO DETENT VALVE 2.5" NH X 1.5" NH (65mm x 38mm) - Separate ball-type shutoff valve with a 1-3/8" (35mm) waterway for use with tip only nozzles. Includes six detent flow positions. Colored handle covers available. 2.5" (65mm) NH rocker lug full-time swivel coupling, and 1.5" (38mm) NH male outlet standard. All lightweight materials. **Accepts F140SBI smooth bore insert kit found on page 54.**

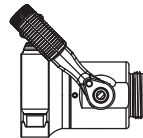
H-2VOI
\$455.00
 3.3 lb (1.3kg)
 5.25" (13.3cm)



H-2VOI DETENT VALVE W/GRIP 2.5" NH x 1.5" NH (65mm x 38mm) - Separate ball-type shutoff valve with a 1-3/8" (35mm) waterway and a built-in pistol grip mounted below the valve body for use with tip only nozzles. Six detent flow positions, optional colored pistol grip and handle covers, 2.5" (65mm) NH rocker lug full-time swivel coupling, and 1.5" (38mm) NH male outlet standard. All lightweight materials. **Accepts F140SBI smooth bore insert kit found on page 54.**

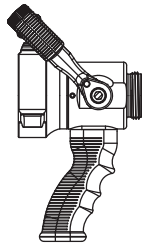
Folding Pistol Grip Kits with NFPA color inserts are available.
 See page 218 for ordering information.

J140F
\$465.00
 2.7 lb (1.2kg)
 5.00" (12.7cm)



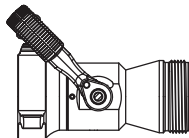
J140F - BALL VALVE 2.5" NH X 1.5" NH (65mm x 38mm) - Ball Valve with an unobstructed 1-3/8" (35mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Rocker lug 2.5" NH (65mm) full-time swivel inlet, and 1.5" NH (38mm) male outlet standard.

J140FP
\$465.00
 2.9 lb (1.3kg)
 5.00" (12.7cm)



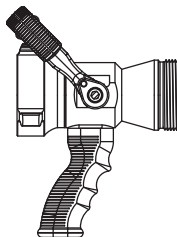
J140FP - VALVE W/GRIP 2.5" NH X 1.5" NH (65mm x 38mm) - Ball Valve with an unobstructed 1-3/8" (35mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Pistol grip is mounted below the valve. Optional color coded pistol grip and handle covers available. Rocker lug 2.5" NH (65mm) full-time swivel inlet, and 1.5" NH (38mm) male outlet standard.

J140J
\$575.00
 3.4 lb (1.5kg)
 7.18" (18.3cm)



J140J - BALL VALVE 2.5" NH X 2.5" NH (65mm x 65mm) - Ball Valve with an unobstructed 1-3/8" (35mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Rocker lug 2.5" NH (65mm) full-time swivel inlet, and 2.5" NH (65mm) male outlet standard.

J140JP
\$575.00
 3.7 lb (1.7kg)
 7.18" (18.3cm)



J140JP - VALVE W/GRIP 2.5" NH X 2.5" NH (65mm x 65mm) - Ball Valve with an unobstructed 1-3/8" (35mm) waterway. All lightweight materials, hardcoat anodized aluminum. Quick-change rear valve seat and stainless steel shut-off ball. Pistol grip is mounted below the valve. Optional color coded pistol grip and handle covers available. Rocker lug 2.5" (65mm) NH full-time swivel inlet, 2.5" (65mm) NH male outlet is standard.

Folding Pistol Grip Kits with NFPA color inserts are available.
 See page 218 for ordering information.