

A firefighter in full gear is kneeling in the foreground, aiming a hose towards a large fire at night. The fire is intense, with bright orange and yellow flames and thick black smoke rising from a structure. The scene is illuminated by the fire and emergency lights, creating a dramatic and high-contrast environment. The firefighter's gear is dark, and the hose is a dark line against the bright fire.

**ELKHART  BRASS**

# BETTER EQUIPPED

**MUNICIPAL** FIRE FIGHTING EQUIPMENT

HANDLINE NOZZLES / PORTABLE MONITORS / APPLIANCES / ACCESSORIES

# A WARM WELCOME



## BETTER EQUIPPED TO FIGHT

Understanding the needs of municipalities and offering quality products and solutions set Elkhart Brass apart. We are the industry's most experienced manufacturer of innovative fire fighting and fire protection equipment. Manufacturing over 2,000 products, used in virtually every aspect of fire fighting, makes Elkhart Brass a leader. Our products are found in fire departments around the world, building systems and off-shore drilling sites, as well as in military, marine, mining and other industrial fire fighting applications.



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# WHO WE ARE

## WE'VE BEEN AROUND

Well known for its commitment to quality, value and customer service, Elkhart Brass celebrated its 100th anniversary in 2002. In 2024, Elkhart Brass was acquired by Clarience Technologies, a leader in the global transportation market headquartered in Southfield, MI. The combination of Elkhart Brass with FRC, FoamPro, and ROM enables the company to develop integrated systems of monitors, valves, foam proportioning, and electronic controls for the global emergency market. Elkhart Brass still operates at its original site in Elkhart, Indiana, utilizing the in-house foundry where aluminum and brass are poured daily. In addition to manufacturing, Elkhart Brass also specializes in product research and development, engineering, and product testing thanks to 3D rapid prototyping capabilities, a dedicated flow test facility, and a complete product machine shop.

## CERTIFICATIONS AND QUALITY

Elkhart Brass is committed to quality, as demonstrated by its ISO-9001 Registered Quality System. Striving for ways to streamline processes while maintaining the quality craftsmanship customers expect, the company has excelled. An on-site foundry assures accurate documentation and quality of materials. On-site testing facilities are also a benefit. Because fire fighting is a dangerous occupation, the company makes a serious commitment to you by doing everything in its power to assure that when you use Elkhart Brass products, you have the highest quality and safest equipment available in the industry. As part of that commitment to quality, it continually strives to evaluate and innovate products, including upgrading certification credentials. Contact Elkhart Brass for further details or questions about a specific certification.

## WARRANTY

Products are warranted in accordance with and subject to terms and conditions of Seller's standard Warranty Statement in effect on the date the applicable order is submitted. See Warranty Statement on website at [www.elkhartbrass.com/warranties/standard-warranty/](http://www.elkhartbrass.com/warranties/standard-warranty/) or use mobile phone to view here:



## ENGINE COMPANY EDUCATION AND FACT-BASED EQUIPMENT SELECTION

Utilizing some of the country's top engine company instructors, we are checking our emotions at the door and presenting the pros and cons of the relevant engine company topics in the fire service. Part Art. Part Science. This educational video series will be sure to leave you better informed about nozzles, flows, your fire flow system, and engine company operations as a discipline.

Watch the entire series at : [BrassTacksHardFacts.com](http://BrassTacksHardFacts.com)



# MOBILE APP



## EVERYTHING NEEDED FOR FLOW TESTING NOW AT YOUR FINGERTIPS

- Smooth Bore Discharges & Flow/Pressure
- Nozzle Reaction for Smooth Bore Nozzles
- Nozzle Reaction for Fog Nozzles
- Pump Discharge Pressure for standard layouts, with ability to input hose coefficient depending on make and inside diameter
- Pump Discharge Pressure with elevation changes and appliances
- Pump Discharge Pressure for high-rise layouts
- Fire flow formula calculators for both the NFA and Iowa Formulas
- Also included in the app are direct links to the Brass Tacks Hard Facts video series

## AVAILABLE FOR FREE DOWNLOAD



# WHAT IS XD™?

Elkhart Brass XD™ nozzles take the industry standard for handline nozzles to a whole new level! They are built tough like no other nozzle for Xtreme Duty use, or XD. They are the only handline nozzles that offer a forged shutoff body and a forged metal bale handle for maximum strength. The XD Series also includes, as standard, a full round metal ball for the best stream performance, as well as fixed molded urethane or spinning stainless steel metal teeth that don't break. All indicators and markings are laser etched, with no labels to peel off or scratch. Ergonomic grip inserts help with handling and can also be color coded. The durability and efficiency of the XD Series ensure an embedded level of safety for you and your crew—fire after fire.

**XD nation** ELKHART, IN



## XD SMOOTH BORES

Taking the classic smooth bore tip to the next level with easy to read markings, added knurling for increased grip, and a durable neoprene bumper.

- Short Barrels, Long Barrels, and Stacks available
- Guaranteed to have a size to match up with any hose type
- Twelve different bumper colors to choose from on select models



## XD SHUTOFFS

Built for Xtreme Duty use with a forged metal bale handle, full round metal ball, and laser etched markings. Customize these shutoffs with your logo and twelve different handle insert colors.

- 1.0", 1.5" and 2.5" models for any application
- Integrated smooth bores available to build the ultimate break-apart
- Perfectly aligned waterway for unmatched stream quality



## CHIEF XD

The choice for fixed flow fog nozzles, the Chief XD is an absolute workhorse. Available in a variety of flow rates and pressures down to 50 psi (3.5 BAR).

- Forged metal bale handle
- No stickers to peel off or scratch
- You choose: Spinning metal teeth or fixed molded urethane teeth



## SELECT-O-MATIC XD

Maximizing reach and stream quality based on available water supply the Select-O-Matic XD nozzle line of automatic nozzles will flow reliably until their last day in service.

- Unique outside of the waterway spring design requires ZERO lubrication
- Go high flow / low pressure with a 75 psi (5 BAR) version
- Pick with a one-piece model or tip only version and pair it with an XD Shutoff



## PHANTOM XD

If selectable flow is your choice, then choose the Phantom XD. Positive interlocking, robust tactile selection grips ensure that choosing the desired flow rate won't be a problem even in the harshest conditions.

- The most durable selectable flow nozzle on the market
- Wide range of models to have your target flow covered
- Choose from 75 psi (5 BAR) and 100 psi (7 BAR) versions



## WATCH AND LEARN

At these QR Codes throughout this catalog you will find our popular Elkhart Brass Knowledge Drop assets. Find quick access and mobile viewing of educational and training videos, links to web pages, industry tips and more information.



# SMOOTH BORE XD™

Elkhart Brass took the classic smooth bore tip to the next level. The XD's smooth bore tips feature durable urethane bumpers and laser etching. You'll also find extra knurling added for increased control and grip.

**KEY FEATURES:**

- Lightweight aluminum construction
- Laser etched flow rates
- Durable urethane molded bumper
- Customize the model 187-XD and 188-XD with 12 different bumper colors

**SMOOTH BORE SINGLE TIPS**

**185-XD – Exposed Extending Threads**

1.5" Inlet / 1.5" Outlet / 4.5" (114 mm) Length  
Available discharge sizes: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"

**187-XD – Short Barrel**

1.5" Inlet / 4.5" (114 mm) Length  
Available discharge sizes: 1/2", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"

**188-XD – Long Barrel**

1.5" Inlet / 7.0" (177 mm) Length  
Available discharge sizes: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"



185-XD 187-XD 188-XD

**SMOOTH BORE STACKED TIPS**

**ST-184-XD – High Rise Stack**

1.5" Inlet / 6.625" (168 mm) Length  
Available discharge sizes: 1" & 1-1/8"

**ST-185-XD – FDNY Stack**

1.5" Inlet / 6.625" (168 mm) Length  
Available discharge sizes: 1/2" & 7/8", 15/16", 1-1/8", or 1-3/16"

**ST-185-XD-IFD – Indy Stack**

1.5" Inlet / 7.625" (193 mm) Length  
Available discharge sizes: 1-1/8" & 1-1/4"

**ST-185-XD-CAFS – CAFS Stack**

1.5" Inlet / 7.625" (193 mm) Length  
Available discharge sizes: 15/16" & 1-1/8"

**ST-190-XD – Triple Stack**

1.5" Inlet / 9.0" (228 mm) Length  
Available discharge sizes: 1", 1-1/8" & 1-1/4"



ST-184-XD ST-185-XD ST-185-XD-IFD ST-185-XD-CAFS ST-190-XD

**SPECIFY WHEN ORDERING:**

- Smooth Bore discharge size (if applicable)
- Bumper color (if applicable) (black standard)
- Inlet threads

SEE CUSTOMIZATION OPTIONS ON PAGES 21-22  
CONFIGURE YOURS AT [XDCONFIGURATOR.COM](http://XDCONFIGURATOR.COM)





# XD™ SHUTOFFS

### BALL SHUTOFFS AND PLAYPIPES:

Built for Xtreme Duty use with a forged metal bale handle, full round metal ball, and laser etched markings. Customize these shutoffs with your logo and twelve different handle insert colors.

### KEY FEATURES:

- 1.0", 1.5" and 2.5" models for any application
- Integrated smooth bores available to build the ultimate break-apart
- Perfectly aligned waterway for unmatched stream quality



BUILDING A BREAK APART NOZZLE

### **XD SHUTOFFS** Available with Optional Pistol Grip

- 1" XD Shutoff**  
1.0" Free Swivel Inlet/1.0" Outlet  
1.0" Waterway



Shown with optional Pistol Grip

- 1.5" XD Mid/Low Shutoff**  
1.5" Free Swivel Inlet/1.5" Outlet  
1.0" Waterway





**XD SHUTOFFS** Available with Optional Pistol Grip

**1.5" XD Shutoff**

1.5" Free Swivel Inlet /1.5" Outlet  
1-3/8" Waterway



Shown with optional Pistol Grip

**2.5" XD Shutoff**

2.5" Free Swivel Inlet /1.5" Outlet  
1-3/8" Waterway



**XD SHUTOFFS WITH INTEGRAL SMOOTH BORE** Available with Optional Pistol Grip

Available discharge sizes:  
7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"

**1.5" XD Shutoff**

1.5" Free Swivel Inlet /1.5" Outlet  
1-3/8" Waterway



**2.5" XD Shutoff**

2.5" Free Swivel Inlet /1.5" Outlet  
1-3/8" Waterway



Shown with optional Pistol Grip

**XD PLAYPIPES**

**2.5" XD Playpipe**

2.5" Free Swivel Inlet /1.5" Outlet  
1-3/8" Waterway  
Available with Ladder Hook



2.5" XD Playpipe



2.5" Playpipe with Ladder Hook

**SPECIFY WHEN ORDERING:**

- Bale and Pistol Grip insert colors (black standard)
- Inlet/Outlet threads
- Integral Smooth Bore discharge size (if applicable)

SEE CUSTOMIZATION OPTIONS ON PAGES 21-22  
CONFIGURE YOURS AT [XDCONFIGURATOR.COM](http://XDCONFIGURATOR.COM)

XD nation DETROIT, MI



# CHIEF XD™

**FIXED FLOW HANDLINE NOZZLES:** The choice for fixed flow fog nozzles, the Chief XD™ is an absolute workhorse designed for a lifetime of service. Available in a variety of flow rates and pressures down to 50 psi (3.5 BAR).

**KEY FEATURES:**

- Forged metal bale handle
- No stickers to peel off or scratch
- You choose: Spinning metal teeth or fixed molded urethane teeth

## CHIEF XD TIPS

### Mid-Range 1.5" Rigid Inlet

Flow Rates:

150 gpm @ 50 psi (570 LPM @ 3.5 BAR)	125 gpm @ 75 psi (475 LPM @ 5 BAR)	95 gpm @ 100 psi (360 LPM @ 7 BAR)
160 gpm @ 50 psi (600 LPM @ 3.5 BAR)	150 gpm @ 75 psi (570 LPM @ 5 BAR)	125 gpm @ 100 psi (475 LPM @ 7 BAR)
175 gpm @ 50 psi (660 LPM @ 3.5 BAR)	175 gpm @ 75 psi (660 LPM @ 5 BAR)	150 gpm @ 100 psi (570 LPM @ 7 BAR)
	185 gpm @ 75 psi (700 LPM @ 5 BAR)	175 gpm @ 100 psi (660 LPM @ 7 BAR)
	200 gpm @ 75 psi (750 LPM @ 5 BAR)	



### High-Range 1.5" Rigid Inlet

Flow Rates:

185 gpm @ 50 psi (700 LPM @ 3.5 BAR)	250 gpm @ 75 psi (950 LPM @ 5 BAR)	250 gpm @ 100 psi (950 LPM @ 7 BAR)
210 gpm @ 50 psi (795 LPM @ 3.5 BAR)	300 gpm @ 75 psi (1140 LPM @ 5 BAR)	
250 gpm @ 50 psi (950 LPM @ 3.5 BAR)		
265 gpm @ 50 psi (1000 LPM @ 3.5 BAR)		



## CHIEF XD NOZZLES

### Low-Range 1.0" Free Swivel Inlet/1.0" Waterway

Available with Optional Pistol Grip

Flow Rates:

15 gpm @ 100 psi  
(60 LPM @ 7 BAR)

30 gpm @ 100 psi  
(115 LPM @ 7 BAR)

45 gpm @ 100 psi  
(170 LPM @ 7 BAR)

60 gpm @ 100 psi  
(230 LPM @ 7 BAR)



Shown with optional Pistol Grip

### High-Range 1.5" Free Swivel Inlet/1-3/8" Waterway

Available with Optional Pistol Grip

Flow Rates:

185 gpm @ 50 psi  
(700 LPM @ 3.5 BAR)

250 gpm @ 75 psi  
(950 LPM @ 5 BAR)

250 gpm @ 100 psi  
(950 LPM @ 7 BAR)

210 gpm @ 50 psi  
(795 LPM @ 3.5 BAR)

300 gpm @ 75 psi  
(1140 LPM @ 5 BAR)

250 gpm @ 50 psi  
(950 LPM @ 3.5 BAR)

265 gpm @ 50 psi  
(1000 LPM @ 3.5 BAR)



Shown with optional Pistol Grip

### Mid/Low-Range 1.5" Free Swivel Inlet/1.0" Waterway

Available with Optional Pistol Grip

Flow Rates:

125 gpm @ 75 psi  
(475 LPM @ 5 BAR)

60 gpm @ 100 psi  
(230 LPM @ 7 BAR)

75 gpm @ 100 psi  
(300 LPM @ 7 BAR)

95 gpm @ 100 psi  
(360 LPM @ 7 BAR)

125 gpm @ 100 psi  
(475 LPM @ 7 BAR)

150 gpm @ 100 psi  
(570 LPM @ 7 BAR)



### High-Range 2.5" Free Swivel Inlet/1-3/8" Waterway

Available with Optional Pistol Grip

Flow Rates:

185 gpm @ 50 psi  
(700 LPM @ 3.5 BAR)

250 gpm @ 75 psi  
(950 LPM @ 5 BAR)

250 gpm @ 100 psi  
(950 LPM @ 7 BAR)

210 gpm @ 50 psi  
(795 LPM @ 3.5 BAR)

300 gpm @ 75 psi  
(1140 LPM @ 5 BAR)

250 gpm @ 50 psi  
(950 LPM @ 3.5 BAR)

265 gpm @ 50 psi  
(1000 LPM @ 3.5 BAR)



### Mid-Range 1.5" Free Swivel Inlet/1-3/8" Waterway

Available with Optional Pistol Grip

Flow Rates:

150 gpm @ 50 psi  
(570 LPM @ 3.5 BAR)

125 gpm @ 75 psi  
(475 LPM @ 5 BAR)

95 gpm @ 100 psi  
(360 LPM @ 7 BAR)

160 gpm @ 50 psi  
(600 LPM @ 3.5 BAR)

150 gpm @ 75 psi  
(570 LPM @ 5 BAR)

125 gpm @ 100 psi  
(475 LPM @ 7 BAR)

175 gpm @ 50 psi  
(660 LPM @ 3.5 BAR)

175 gpm @ 75 psi  
(660 LPM @ 5 BAR)

150 gpm @ 100 psi  
(570 LPM @ 7 BAR)

185 gpm @ 75 psi  
(700 LPM @ 5 BAR)

175 gpm @ 100 psi  
(660 LPM @ 7 BAR)

200 gpm @ 75 psi  
(750 LPM @ 5 BAR)



Shown with optional Pistol Grip

### SPECIFY WHEN ORDERING:

- Flow rate and pressure
- Bumper, bale handle, and pistol grip insert color (orange standard)
- Spinning stainless steel metal teeth (standard) or fixed molded urethane teeth
- Inlet threads

SEE CUSTOMIZATION OPTIONS ON PAGES 21-22  
CONFIGURE YOURS AT [XDCONFIGURATOR.COM](http://XDCONFIGURATOR.COM)



## BEST PRACTICE APPLICATIONS

INDUSTRIAL FIRE FIGHTING

FOAM OPERATIONS

DEFENSIVE FIRE FIGHTING

SELECT-O-MATIC<sup>®</sup> XD™

**AUTOMATIC FLOW HANDLINE NOZZLES:** The Select-O-Matic<sup>®</sup> XD™ automatic handline nozzle adjusts to fluctuating water supply conditions to maintain effective pressure and a consistent fire stream in all flow ranges. It does so by generating back pressure by using a patented internal spring design that leaves the waterway unobstructed. This mechanism ensures a quality fire stream regardless of flow, and requires zero maintenance. Maximizing reach and stream quality based on available water supply, the Select-O-Matic XD nozzle line of automatic nozzles will flow reliably until their last day in service.

## KEY FEATURES:

- Unique outside of the waterway spring design requires ZERO lubrication
- Go high flow / low pressure with a 75 psi (5 BAR) version
- Pick with a one-piece model or tip-only version and pair it with an XD Shutoff

## SPECIFY WHEN ORDERING:

- Flow rate and pressure
- Bumper, bale handle, and pistol grip insert color (yellow standard)
- Spinning stainless steel metal teeth (standard) or fixed molded urethane teeth
- Inlet threads



## SELECT-O-MATIC XD TIPS

## Mid-Range 1.5" Rigid Inlet

75 psi (5 BAR)  
Flow range: 60-200 gpm (230-750 LPM)  
100 psi (7 BAR)  
Flow range: 60-200 gpm (230-750 LPM)



## High-Range 1.5" Rigid Inlet

75 psi (5 BAR)  
Flow range: 75-325 gpm (300-1230 LPM)  
100 psi (7 BAR)  
Flow range: 75-325 gpm (300-1230 LPM)



## SELECT-O-MATIC XD NOZZLES Available with Optional Pistol Grip

## Mid/Low-Range 1.5" Free Swivel Inlet/1.0" Waterway

100 psi (7 BAR)  
Flow range: 60-125 gpm (230-475 LPM)



## Mid-Range 1.5" Free Swivel Inlet/1-3/8" Waterway

Flow Rates:  
75 psi (5 BAR)  
Flow range: 60-200 gpm (230-750 LPM)  
100 psi (7 BAR)  
Flow range: 60-200 gpm (230-750 LPM)



## High-Range 1.5" Free Swivel Inlet/1-3/8" Waterway

Flow Rates:  
75 psi (5 BAR)  
Flow range: 75-325 gpm (300-1230 LPM)  
100 psi (7 BAR)  
Flow range: 75-325 gpm (300-1230 LPM)

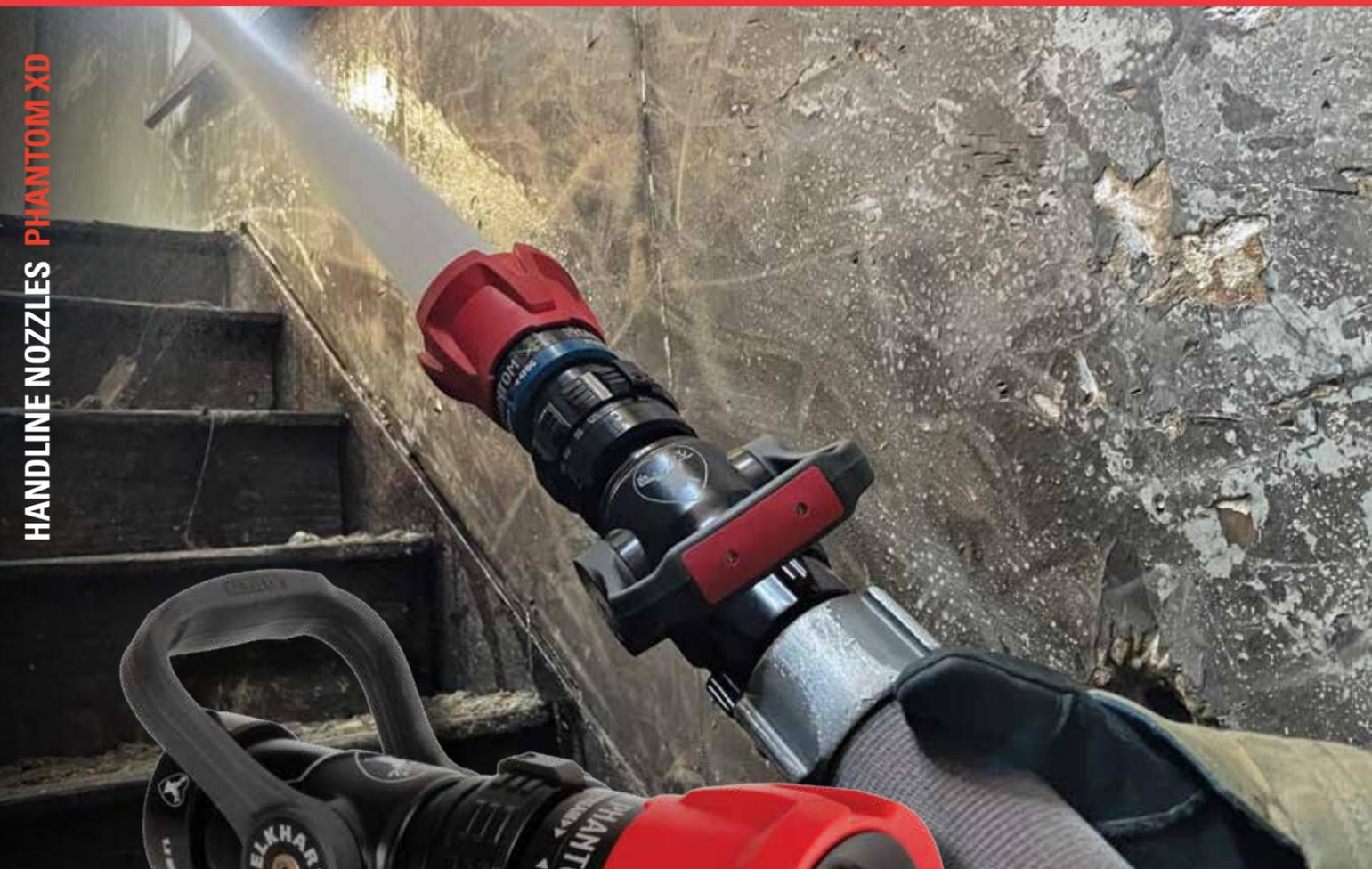


Shown with optional Pistol Grip

## High-Range 2.5" Free Swivel Inlet/1-3/8" Waterway

Flow Rates:  
75 psi (5 BAR)  
Flow range: 75-325 gpm (300-1230 LPM)  
100 psi (7 BAR)  
Flow range: 75-325 gpm (300-1230 LPM)





# PHANTOM XD™

**SELECTABLE FLOW HANDLINE NOZZLES:** The Phantom® XD™ selectable flow nozzle series has your target flow covered! With different pressure and flow ranges available, there is one to meet your need. Built with positive interlocking, robust tactile selection grips, selecting the desired flow rate won't be a problem even in the harshest conditions. If selectable flow is your choice, then choose the Phantom XD.

**KEY FEATURES:**

- The most durable selectable flow nozzle on the market
- Wide range of models to have your target flow covered
- Choose from 75 psi (5 BAR) and 100 psi (7 BAR) versions



**PHANTOM XD NOZZLES** Available with Optional Pistol Grip

**Low-Range 1.0" Free Swivel Inlet/1.0" Waterway**

100 psi (7 BAR)  
Settings: 15-30-45-60 gpm (60-115-170-230 LPM)



Shown with optional Pistol Grip

**Mid/Low-Range 1.5" Free Swivel Inlet/1.0" Waterway**

100 psi (7 BAR)  
Settings: 30-60-95-125 gpm (115-230-360-475 LPM)



Shown with optional Pistol Grip

**Mid-Range 1.5" Free Swivel Inlet/1-3/8" Waterway**

Flow Rates:  
75 psi (5 BAR)  
Settings: 30-60-95-125-150-200 gpm (115-230-360-475-570-750 LPM)  
100 psi (7 BAR)  
Settings: 30-60-95-125-150-200 gpm (115-230-360-475-570-750 LPM)



**High-Range 2.5" Free Swivel Inlet/1-3/8" Waterway**

Flow Rates:  
75 psi (5 BAR)  
Settings: 125-150-200-250 gpm (475-570-750-950 LPM)  
100 psi (7 BAR)  
Settings: 125-150-200-250 gpm (475-570-750-950 LPM)



**SPECIFY WHEN ORDERING:**

- Flow rate and pressure
- Bumper, bale handle, and pistol grip insert color (red standard)
- Spinning stainless steel metal teeth (standard) or fixed molded urethane teeth
- Inlet threads

SEE CUSTOMIZATION OPTIONS ON PAGES 21-22  
CONFIGURE YOURS AT [XDCONFIGURATOR.COM](http://XDCONFIGURATOR.COM)

# NOZZLE OPTIONS

## FOG NOZZLE XD™ COLORS

Choose bumper color, bale insert, and pistol grip insert color (orange is standard on Chief XD, yellow is standard on Select-O-Matic XD, and red is standard on Phantom XD)



## SMOOTH BORE XD COLORS

Choose bumper color (black is standard on XD Smooth Bores)



## CUSTOM LASER ETCHING



No upcharge for custom laser etching

## TEETH

Choose from spinning stainless steel metal or fixed molded urethane teeth.



Spinning Stainless Steel (Standard) Fixed Molded Urethane

## INLET THREADS

No upcharge for customer specific inlet threads

- NHT (Standard)
- NPSH
- BSPP
- Others available. Please provide thread spec: ODM (Outside Diameter Male), TPI (Threads Per Inch), and Province/City. (Ex. 3.030 x 8 NYFDThread)

CONFIGURE YOURS AT  
[XDconfigurator.com](http://XDconfigurator.com)

# FORESTRY & WILDLAND

Not your "throw away" type nozzles, our rugged wildland products are built to perform season-after-season for your engine crew. They are built of lightweight aluminum, and the pattern can be selected with a quick action twist.



**ST-180-XD-F**

- 1.5" Inlet / 6.5" (165mm) Length
- Available discharge sizes: 1/2" and 3/8"

**PAIRS WITH MID-LOW XD SHUTOFF**

## S-205-BAF 1.0" or 0.75" GHT Rigid Inlet

- Available in 12 gpm (45 LPM) or 23 gpm (90 LPM) single flow settings
- Twist shut-off
- For use with pressures up to 600 psi (40 BAR)



# MYSTERY

## TWIST SHUTOFF TIPS

The Mystery® Nozzle incorporates a twist-type shutoff, opening in straight stream and producing a variable flow from straight stream to wide fog with low pressure options available. Paired with an XD™ shutoff, the Mystery nozzle tip offers an extremely convenient method of advancing hose lines, particularly in the wildland / urban interface in progressive hose lay operations. Simply close the shutoff, remove the Mystery tip, attach additional hose, and then reattach the tip at the end of the line. The tip's built-in shutoff allows for the line to be advanced rapidly without the need for an additional nozzle.



## L-205-BA 1.5" Rigid Inlet

Flow Rates:

125 gpm @ 75 psi (475 LPM @ 5 BAR)	60 gpm @ 100 psi (230 LPM @ 7 BAR)
	95 gpm @ 100 psi (360 LPM @ 7 BAR)
	125 gpm @ 100 psi (475 LPM @ 7 BAR)



## 205-BA 1.5" Rigid Inlet

Flow Rates:

200 gpm @ 50 psi (750 LPM @ 3.5 BAR)	125 gpm @ 75 psi (475 LPM @ 5 BAR)	170 gpm @ 100 psi (640 LPM @ 7 BAR)
	200 gpm @ 75 psi (750 LPM @ 5 BAR)	250 gpm @ 100 psi (950 LPM @ 7 BAR)

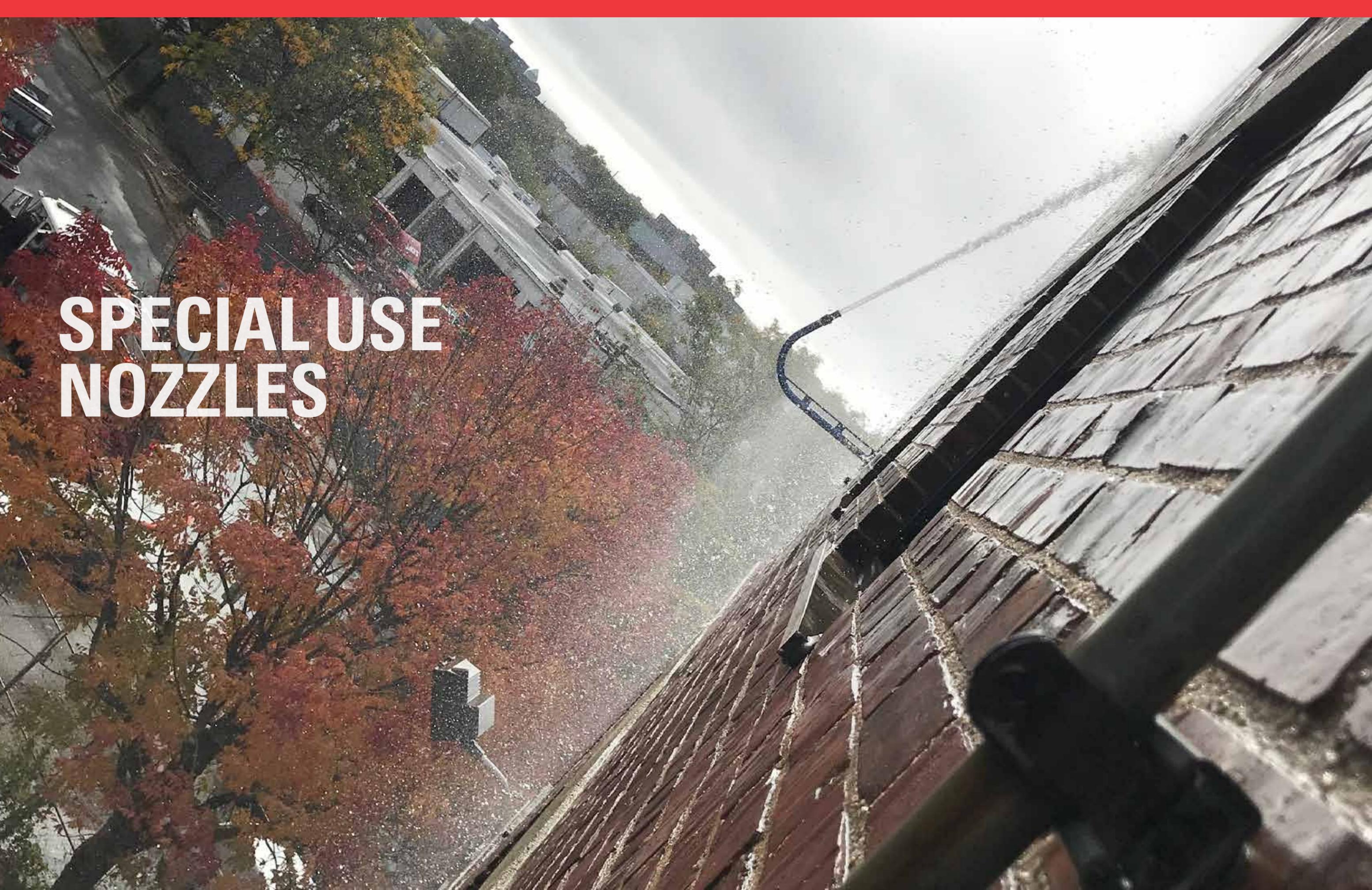


## D-205-BA 2.5" Rigid Inlet

Flow Rates:

200 gpm @ 50 psi (750 LPM @ 3.5 BAR)	125 gpm @ 75 psi (475 LPM @ 5 BAR)	170 gpm @ 100 psi (640 LPM @ 7 BAR)
	200 gpm @ 75 psi (750 LPM @ 5 BAR)	250 gpm @ 100 psi (950 LPM @ 7 BAR)

# SPECIAL USE NOZZLES





# FLOOR BELOW NOZZLE

**MODEL FBN** The Floor Below Nozzle has been specifically designed for fighting fires in high-rise buildings from the floor below at an effective angle and flow rate. It is not uncommon to experience wind driven and high heat conditions in high-rise building fires that can challenge conventional tactics. The Floor Below Nozzle provides a field-tested solution allowing crews to flow water from the floor below. It comes in a two-piece design making transport to upper floors and storage easier.

**KEY FEATURES:**

- Built in 2.5" XD Shutoff
- 2.5" Swivel Inlet
- 1.5" Male Outlet
- Blue powder coat paint finish
- 101" (2.57m) long
- Attaching a 1-1/8" tip (sold separately) would allow flows of 265 gpm (1000 LPM) at 50 psi (3.5 BAR)

# HORIZONTAL VOID NOZZLE

**MODEL HVN** Designed specifically for fighting challenging fires in horizontal voids such as attic spaces and cocklofts, the Horizontal Void Nozzle has been field-tested to be an effective tool for the job. It has a 1.5" swivel base that can be screwed on to an existing shutoff providing water flow to two opposing 90 degree nozzle tips.



**KEY FEATURES:**

- Extruded Seamless SCH 40 Aluminum 6061 Tube
- 1.5" Swivel Inlet
- (2) 1.5" Male Outlets
- Red powder coat paint finish
- 75" (1.91 m) long
- Recommended tip for this appliance is the Model ST-185-XD FDNY Stack with the 1/2" tip in place (sold separately)





# BENT OVERHAUL TIP

**MODEL BOT-XD** The Elkhart Brass Bent Overhaul Tip is a pocket size 1/2" orifice 90 degree "bent tip" ideal for extinguishing pockets of fire in void spaces, shafts, attics, etc. Originally imagined by FDNY Chief George Bauer of the 16th Battalion and made by Iowa American in the early 90's, it was dubbed the "Bauer BentTip". This tip has been re-created with valuable current end user input through field testing.

**KEY FEATURES:**

- Fits the Model ST-185-XD FDNY Stack
- Small and compact ideal for carrying in your turnout gear pocket
- Flows 50 gpm @ 50 psi (190 LPM @ 3.5 BAR)
- Creates a powerful penetrating low flow stream ideal for overhaul operations



## SOT-XD – STRAIGHT OVERHAUL TIP

- Flows 50 gpm @ 50 psi (190 LPM @ 3.5 BAR)
- Fits and comes with the Model ST-185-XD FDNY Stack
- Small and compact ideal for carrying in your turnout gear pocket
- Creates a powerful penetrating low flow stream ideal for overhaul operations



## 1575 – Multi-Purpose Fog Nozzle

- Ideal for a variety of purposes such as overhaul, hydraulic ventilation, or as a choke tip for reduced flow
- Durable, lightweight polycarbonate construction
- Rated for 95 gpm (360 LPM) and stream patterns from wide fog to straight stream
- 1.5" NHT female rigid inlet



# XD™ WASHDOWN KIT

Simple and built to last, the XD Washdown Kit is the perfect addition needed for after-the-fire cleanup. It is ideal for cleaning up equipment, tools, dirty hose, or contaminated turnout gear. The high-quality components that make up this kit are far superior what you would find from a local hardware or big box store.

## KIT INCLUDES:

- XD Washdown Nozzle built tougher than any other garden hose nozzle
- Model 104A swivel bell reducer to make attachment simple with no hose twisting
- 50' x 5/8" garden hose rated for pressures up to 300 psi (20 BAR) equipped with brass couplings
- A rugged carrying bag with durable seat belt handles and vents to aid in drying after putting away wet

## HELP REMOVE CONTAMINANTS



The XD Washdown Nozzle is made of lightweight aluminum with stainless steel and brass components which includes a trigger controlled variable spray pattern that instantly shuts off when trigger is released. Built for long term use, this is not your ordinary garden hose nozzle.

- Flows 7 gpm @ 100 psi (27 LPM @ 7 BAR)
- Equipped with an insulated rubber cover with red direction arrows ready to withstand the harshest use
- Brass swivel inlet adapter included to eliminate hose twists at the nozzle
- Rated for 150 psi (10 BAR) with brass couplings



### 222-1.5" Wat-R-Wall Water Curtain

- 100 gpm @ 100 psi (380 LPM @ 7 BAR)
- Chrome plated brass construction
- 1.5" female free swivel inlet



### 222-2.5" Wat-R-Wall Water Curtain

- 100 gpm @ 100 psi (380 LPM @ 7 BAR)
- Chrome plated brass construction
- 2.5" female free swivel inlet



### Model LR Cellar Nozzle

- 160 gpm @ 100 psi (600 LPM @ 7 BAR)
- 20 ft. (6 meter) spray diameter
- Chrome plated brass construction
- 1.5" female rigid inlet

### Model R Cellar Nozzle

- 350 gpm @ 100 psi (1330 LPM @ 7 BAR)
- 55 ft. (16.7 m) spray diameter
- Chrome plated brass construction
- 2.5" female rigid inlet



### 193-6-1.5" Bresnan Distributor Nozzle

- 140 gpm @ 100 psi (530 LPM @ 7 BAR)
- 20 ft. (6 m) spray diameter
- Chrome plated brass construction
- 1.5" female rigid inlet

### 193-6-2.5" Bresnan Distributor Nozzle

- 395 gpm @ 100 psi (1495 LPM @ 7 BAR)
- 45 ft. (13.7 m) spray diameter
- Chrome plated brass construction
- 2.5" female rigid inlet



### 193-9-2.5" Bresnan Distributor Nozzle

- 495 gpm @ 100 psi (1875 LPM @ 7 BAR)
- 36 ft. (10.9 m) spray diameter
- Chrome plated brass construction
- 2.5" female rigid inlet

### A-2.5" Applicator

- For use with Cellar and Distributor Nozzles
- Lightweight aluminum construction
- Red urethane enamel finish
- 2.5" free swivel inlet x 2.5" male outlet



# XD™ FOAM TUBES

When greater foam expansion rates are needed, our line of XD™ Foam Tubes Steps in. Light-weight and quick to attach and detach.

- Composite and aluminum construction for the perfect balance of weight and durability
- Large air inlets and hydro-verter screen built in for the optimum quality finished foam

## Mid Range XD Foam Tube

FITS: Mid/Low and Mid Range XD Fog Nozzles

## High Range XD Foam Tube

FITS: High Range XD Fog Nozzles

# FOAM EDUCTORS

## BY-PASS STYLE

- Simple, Efficient Venturi Design
- By-pass allows for water only at lower inlet pressures
- Positive setting metering valve proportioning settings of ½%, 1%, 3%, 6%
- 2.5" or 1.5" female swivel inlet x 1.5" male outlet
- Rugged, corrosion resistant brass construction
- Red urethane enamel and chrome plated finish trim

### 240-95

- Rated to flow 95 gpm at 200 psi (360 LPM @ 14 BAR) inlet pressure



## INLINE STYLE

- Simple, Efficient Venturi Design
- Positive setting metering valve proportioning settings of ½%, 1%, 3%, 6%
- 2.5" or 1.5" female swivel inlet x 1.5" male outlet
- Rugged, corrosion resistant brass construction
- Red urethane enamel and satin brass trim finish (chrome plated brass trim optional)

### 241-60

- Rated to flow 60 gpm at 200 psi (230 LPM @ 14 BAR) inlet pressure

### 241-95

- Rated to flow 95 gpm at 200 psi (360 LPM @ 14 BAR) inlet pressure

### 241-125

- Rated to flow 125 gpm at 200 psi (475 LPM @ 14 BAR) inlet pressure

### 241-150

- Rated to flow 150 gpm at 200 psi (570 LPM @ 14 BAR) inlet pressure





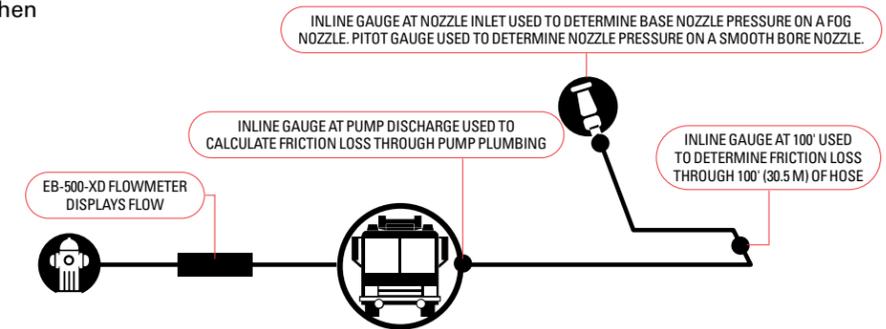
# EB-500-XD PORTABLE FLOW METER

The EB-500-XD portable flowmeter changes the game when it comes to accurate and effective flow testing. The flow tube, paddlewheel, digital readout, and battery are all self-contained making this unit extremely compact. The waterway features a unique internal waterway shape ensuring laminar flow for consistently accurate readings up to 500 gpm (1900 LPM). The flow pickup is a paddlewheel design which is located further into the middle of the waterway increasing reliability of the flow readings. The field programmable unit contains an internal rechargeable battery with visible status lights letting you know when the unit is low on power and when it is fully charged. The unit also features a totalizer function letting you know the total amount of water flowed. With the attached carrying handle and weighing only 8.4 lbs (3.8 kg), the EB-500-XD truly maximizes portability.

## EB-500-XD PORTABLE FLOW METER

### KEY FEATURES:

- Single self-contained unit as opposed to multi-component designs
- Unique internal waterway shape ensures laminar flow and accurate readings up to 500 gpm (1900 LPM)
- Large numerical digital readout
- Flow is read through a paddlewheel located deeper into the middle of the waterway for reliable readings
- Contains internal rechargeable battery with status lights with battery life up to 8 hours
- Totalizer function letting you know the total amount of water flowed
- Simple field calibration procedure when required
- NEMA 4 Waterproof Rating
- Hard case for storage



## NFPA 1962 FLOW TEST KIT

The Elkhart Brass Flow Test Kit includes all essential components needed to accurately determine fire flows, friction losses, and pump discharge pressures. It is necessary equipment for conducting your NFPA 1962 flow test of nozzles, hose, and appliances, as well as comprehensive hose and nozzle training.

### KIT INCLUDES:

- One EB-500-XD Portable Flowmeter
- One Digital Handheld Pitot Gauge
- Three Model 228A 1.5" Line Gauges
- Three Model 228A 2.5" Line Gauges
- One Carrying Case



# FLOW TESTING ESSENTIALS

## Digital Handheld Pitot Gauge

- Ideal for determining nozzle pressure for smooth bore tips
- Accurately read pressure from 0-300 psi (0-20 BAR) down to the tenth psi
- Gauge features a back lit display and protective rubber boot
- Durable pitot blade
- Includes carrying case



## 228A-1.5" Inline Pressure Gauge

- 0-200 psi (0-14 BAR) fully guarded, shock resistant air-filled gauge
- Phosphorescent gauge face assists viewing in low light conditions.
- Protective gauge face cover included
- Lightweight cast aluminum
- Free swivel inlet allow movement
- 1.5" female swivel inlet x 1.5" male outlet



## 228A-2.5" Inline Pressure Gauge

- 0-200 psi (0-14 BAR) fully guarded, shock resistant air-filled gauge
- Phosphorescent gauge face assists viewing in low light conditions
- Protective gauge face cover included
- Lightweight cast aluminum
- Free swivel inlet allow movement
- 2.5" female swivel inlet x 2.5" male outlet



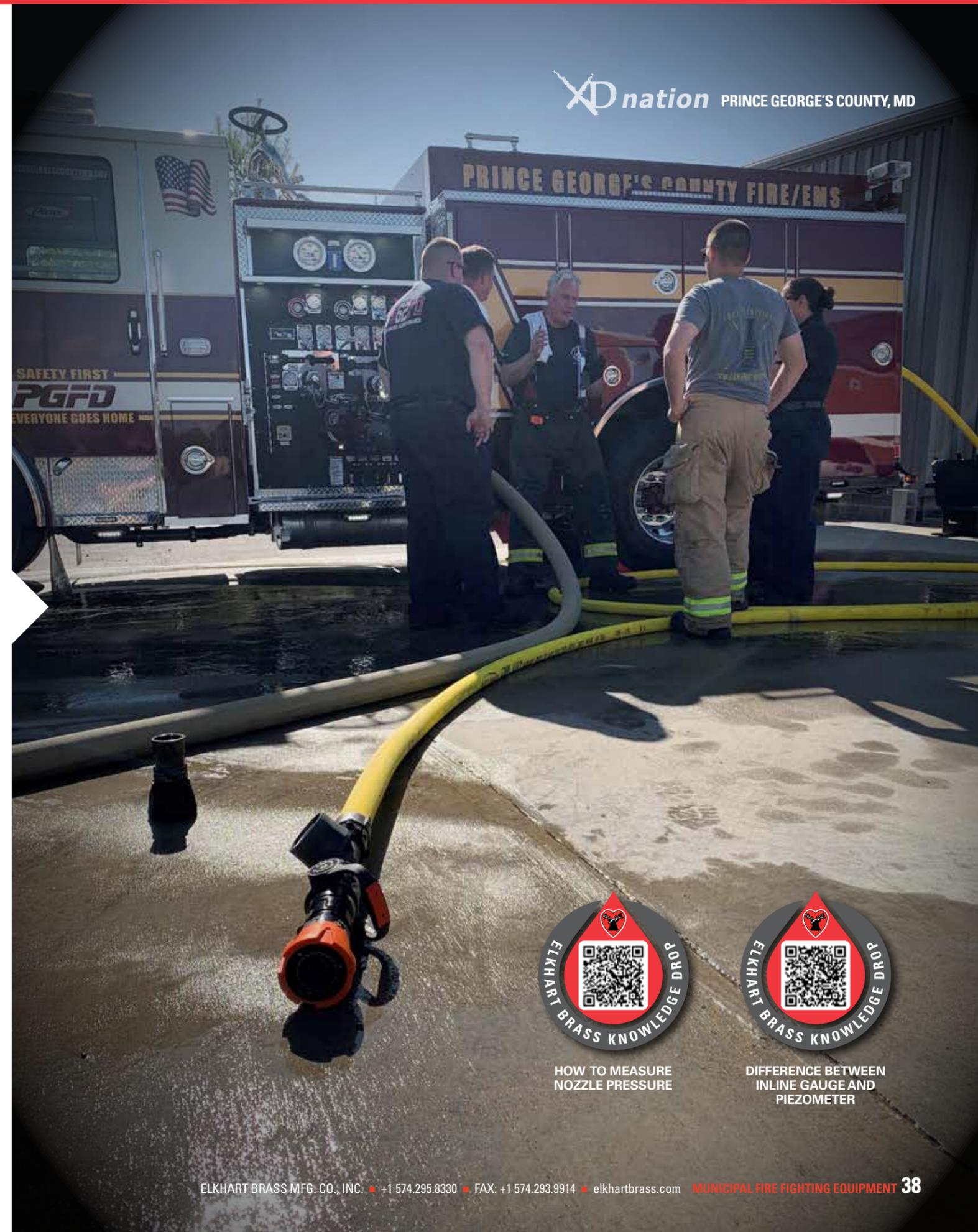
## 227A-1.5" Piezometer Gauge

- 0-300 psi (0-20 BAR) liquid-filled gauge
- Multiple internal ports balance pressure reading
- Lightweight hard coated aluminum
- 1.5" female swivel inlet x 1.5" male outlet



## 227A-2.5" Piezometer Gauge

- 0-300 psi (0-20 BAR) liquid-filled gauge
- Multiple internal ports balance pressure reading
- Lightweight hard coated aluminum
- 2.5" female swivel inlet x 2.5" male outlet



HOW TO MEASURE NOZZLE PRESSURE



DIFFERENCE BETWEEN INLINE GAUGE AND PIEZOMETER

# STANDPIPE ESSENTIALS



STANDPIPE BAG

## THE ELKHART STANDPIPE BAG

- Custom designed specifically for standpipe operations
- Features several internal and external pockets ideal for door chocks, pipe wrenches, wire brushes, adapters, etc.
- Handles made of seat belt webbing with seat belt buckle fasteners
- Bag made of durable materials

### THE KIT INCLUDES:

- (1) Standpipe Bag
- 17" L x 9" W x 9" H  
(432 mm L x 229 mm W x 229 mm H)
- (1) 228A Pressure Gauge
- (1) 105A Elbow
- (1) X-86A Gate Valve
- (2) T-464 Spanner Wrenches



## DIGITAL



DIGITAL SET UP

## ANALOG



ANALOG SET UP

**228A-2.5" Inline Pressure Gauge**

- 0-200 psi (0-14 BAR) fully guarded, shock resistant air-filled gauge
- Phosphorescent gauge face assists viewing in low light conditions
- Protective gauge face cover included
- Lightweight cast aluminum
- Free swivel inlet allow movement
- 2.5" female swivel inlet x 2.5" male outlet

**105A Drain Elbow**

- 45 degree design reduces hose kinks
- Built in drain works in any position
- Lightweight aluminum
- Free swivel inlet allows movement
- 2.5" female swivel inlet x 2.5" male outlet

**X86A Gate Valve**

- Puts valve control in the hands of fire attack teams
- Gate style valve function for easy adjustment for proper flow and pressure
- Rated to 300 psi (20 BAR)
- Lightweight aluminum
- 2.5" female swivel inlet x 2.5" male outlet

**555A Standpipe Flowmeter**

- Accurate digital readout of flow and pressure up to 250 gpm / 250 psi (950 LPM / 17 BAR)
- Rechargeable 9V battery powered
- 5 hours use per charge with low battery indication and standby mode
- Lightweight aluminum
- 2.5" female swivel inlet x 2.5" male outlet

**111A Increaser**

- 1.5" female inlet x 2.5" male outlet
- Ideal for extend operations
- Low profile knurling
- Durable lightweight aluminum

**111A2 Increaser**

- 1.5" Female x 2.5" Male
- Ideal for extend operations
- Low profile knurling
- Additional space between hose and nozzle
- 2.688 inch height





**RAM XD™**

**RAPID ATTACK PORTABLE MONITOR:** Ideal for quick attack, high-rise, and industrial applications, the RAM XD™ Rapid Attack Portable Monitor can be easily deployed by a single firefighter to flow up to 500 gpm (1900 LPM) fast! Lightweight and compact, the RAM XD can lower down to 14 degrees above horizontal making it easy to flow into overhead doors, traditional size man doors, or store fronts. Its angled waterway shape and four foldout legs help to harness nozzle reaction making an extremely stable and safe design. It delivers the best stream quality and reach at only 75 psi (5 BAR) nozzle pressure. Lock pin holds valve in closed position preventing accidental opening while moving the unit on a charged hose line. A safety strap is attached along with a storage pouch.

**8296 R.A.M. (RAPID ATTACK MONITOR) XD**

- Lightweight, compact monitor easily deployed by single firefighter
- Up-down travel range: Vertical +14 degrees to +51 degrees (manned) +35 degrees to plus 51 degrees (unmanned) Left-Right travel 20 degrees each way (40 degrees total)
- Only 9 psi (0.6 BAR) friction loss at 500 gpm (1900 LPM)
- 2.5" female swivel inlet x 2.5" male outlet

**RAM XD NOZZLES & ACCESSORIES**



**3896 R.A.N. Nozzle (Rapid Attack Nozzle)**

- Rated for 500 gpm @ 75 psi (1900 LPM @ 5 BAR)
- Built in stream shaper for incredible reach and stream quality
- Hard coated aluminum finish
- 2.5" female swivel inlet



**3895 Selectable Flow R.A.N. Nozzle (Rapid Attack Nozzle)**

- Selectable flow rates: 500 gpm (1900 LPM), 350 gpm (1330 LPM), and 250 (950 LPM) gpm at 75 psi (5 BAR)
- Built in stream shaper for incredible reach and stream quality
- Hard coated aluminum finish
- 2.5" female swivel inlet

- **181-A Deluge Tip**
- 1-3/8" Discharge Size
- Rated for 500 gpm @ 80 psi (1900 LPM @ 5.5 BAR)
- Hard coated aluminum finish
- 2.5" female inlet



**ST-197A Triple Stacked Tip**

- Discharges sizes of 1" / 1-1/4" / 1-1/2"
- Rated for 265 gpm / 413 gpm / 596 gpm @ 80 psi (1000 LPM / 1560 LPM / 2250 LPM @ 5.5 BAR)
- Hard coated aluminum finish
- 2.5" female inlet



**282-A Mini Stream Shaper**

- Compact design
- Internal vanes help reduce turbulence improving stream reach and quality
- Hard coated aluminum finish
- 2.5" female inlet x 2.5" male outlet



**8296-MB Mounting Bracket**

- Constructed of rugged aluminum
- Durable rubber straps used for positive securing
- Suitable for use inside or outside apparatus
- Large locking levers easy to manipulate



**Oscillating R.A.N. Nozzle (Rapid Attack Nozzle)**

- Rated for 500 gpm @ 75 psi (1900 LPM @ 5 BAR)
- Water powered adjustable oscillation Left-Right travel 20 degrees each way (40 degrees total)
- Built in stream shaper for incredible reach and stream quality
- 2.5" female swivel inlet



**HF-350A / HF-500A Hydrofoam Nozzle**

- Rated for 350 gpm (1330 LPM) or 500 gpm @ 100 psi (1900 LPM @ 7 BAR)
- Cast aluminum self educting foam nozzle design supplied with pick up tube
- Pick up rates: 1/2%, 1%, 3%, 6% (HF-350A) 1/2%, 1%, 3%, (HF-500A)
- 2.5" female swivel inlet





# STINGER 2.0

**STINGER® 2.0 DUAL PURPOSE MONITOR:** Stinger 2.0 is a dual-purpose, break-apart monitor for use as a deck gun or portable monitor. Numerous truck adapter and portable base options are available to suit every need. In portable mode, five forged aluminum legs with self-adjusting, carbide-tipped ground spikes increase stability. The lightweight Stinger 2.0 is the most flow-efficient in its class with a friction loss reducing 3-3/8" vaned waterway. Other features include a by-passable safety stop at 35° above horizontal, a patented monitor to base latching mechanism that provides visual indication of status, rotation lock mechanism which provides positive left/right lock with visual indication, a fully enclosed stainless steel worm gear, a liquid-filled pressure gauge, safety strap attached with storage pouch, and a carrying handle.

### KEY FEATURES:

- Rated for 1250 gpm (4750 LPM) flow rate / 1000 gpm (3800 LPM) with (2-2.5" portable base)
- Up-down travel range:

### PORTABLE MODE:

- Vertical +35° to +75° (40°)
- Horizontal L45° to R45° (90°)

### DECK MODE:

- Vertical -15° to +75° (95°)
- Horizontal 360° Continuous
- Lightweight aluminum construction
- Red urethane enamel finish
- 2.5" male outlet

## PORTABLE MODE MODELS

### 8297-25 – Upper Unit and Portable Ground Base

- 2 x 2.5" Swivel Inlet 1000 gpm (3800 LPM) Flow Rating

### 8297-41 – Upper Unit and Portable Ground Base

- 1 x 4.0" Storz Inlet 1250 gpm (4750 LPM) Flow Rating

### 8297-45 – Upper Unit and Portable Ground Base

- 1 x 4.5" Swivel Inlet 1250 gpm (4750 LPM) Flow Rating

### 8297-51 – Upper Unit and Portable Ground Base

- 1 x 5.0" Storz Inlet 1250 gpm (4750 LPM) Flow Rating

Model ST-194A Quad Stacked Tips and 282A Shaper included with each model



## DECK MODE MODELS

### 8297-98P – Upper Unit and Top Mount Adapter

- 3" Female NPT Top Mount Adapter 1250 gpm (4750 LPM) Flow Rating

### 8297-98F – Upper Unit and Top Mount Adapter

- 3" Flange Top Mount Adapter 1250 gpm (4750 LPM) Flow Rating

### 8297-99 – Upper Unit and Top Mount Adapter

- w/ 8299 2 x 2.5" Top Mount Adapter 1000 gpm (3800 LPM) Flow Rating

Model ST-194A Quad Stacked Tips and 282A Shaper included with each mode



## STINGER 2.0 BASES

Portable Mode Stand Alone Portable Bases

- 2 x 2.5" Swivel Inlet 1000 gpm (3800 LPM) Flow Rating
- 1 x 3.5" Swivel Inlet 1250 gpm (4750 LPM) Flow Rating
- 1 x 4.0" Swivel Inlet 1250 gpm (4750 LPM) Flow Rating
- 1 x 4.0" Storz Inlet 1250 gpm (4750 LPM) Flow Rating
- 1 x 4.5" Swivel Inlet 1250 gpm (4750 LPM) Flow Rating
- 1 x 5.0" Storz Inlet 1250 gpm (4750 LPM) Flow Rating





## STINGER 2.0 NOZZLES & ACCESSORIES

### ST-194 Quad Stacked Tip

- Discharges sizes of 1-3/8" / 1-1/2" / 1-3/4" / 2"
- Rated for 502 gpm / 597 gpm / 813 gpm / 1062 gpm @ 80 psi (1900 LPM / 2260 LPM / 3080 LPM / 4020 LPM @ 5.5 BAR)
- Hard coated aluminum finish
- 2.5" female rigid inlet



### ST-191A Triple Stacked Tip

- Discharges sizes of 1-3/8" / 1-1/2" / 1-3/4" / 2"
- Rated for 597 gpm / 813 gpm / 1062 gpm @ 80 psi (2260 LPM / 3080 LPM / 4020 LPM @ 5.5 BAR)
- Hard coated aluminum finish
- 2.5" female swivel inlet



### 282-A Stream Shaper

- Compact design
- Internal vanes help reduce turbulence improving stream reach and quality
- Hard coated aluminum finish
- 2.5" female inlet x 2.5" male outlet



### SM-1250 Master Stream Nozzle

- Automatic design to maximize reach and stream velocity based on available water supply
- Flow range of 350-1250 gpm @ 75 psi (1330-4750 LPM @ 5 BAR)
- Hard coated aluminum finish
- 2.5" female inlet



## DECK MODE STAND ALONE TOP MOUNT ADAPTERS



**8298P 2.0**  
3" Female NPT  
Top Mount Adapter



**8298F 2.0**  
3" 150# ANSI  
Top Mount Adapter



**8299 Deck Mount Adapter**  
2 x 2.5" Swivel Inlet  
Top Mount Adapter

### 8297 MB Portable Base Mounting Bracket

- Truck storage mounting bracket for Stinger® 2.0 portable base or complete monitor



### 8298-EX The Pipe™ Manual Extender

- Increases the height of deck mounted Stinger 2.0 by 18" (457 mm)



### 8298-EX MB Storage Bracket The Pipe Manual Extender

- Truck storage mounting bracket for 8298-EX The Pipe Manual Extender

### PN 81258001 Caution Light

- For use with The Pipe – visual confirmation that The Pipe is attached

### PN 81315001 Companion Flange Kit

- 3" 150# ANSI steel flange with bolts and gasket



### PN 81497001 Protective Cover for Base

- A shaped polymer covering for deck-mounted or portable-mounted bases, designed to protect the swivel bearing and/or ring gear. Attached tether for securing the cover



# APPLIANCES



# GATE VALVES

## X86A Gate Valve

- 2.5" female swivel inlet x 2.5" male outlet
- Gate style valve function for easy adjustment for proper flow and pressure
- Rated to 300 psi (20 BAR)
- Lightweight aluminum
- Finish red urethane enamel with hard anodized trim

## X86 Gate Valve

- 2.5" female swivel inlet x 2.5" male outlet
- Gate style valve function for easy adjustment for proper flow and pressure
- Rated to 300 psi (20 BAR)
- Rugged brass construction
- Finish red urethane enamel
- Specify: satin brass or chrome plated trim



## B96A Ball Valve

- 2.5" female swivel inlet x 2.5" male outlet
- Durable, lightweight aluminum construction
- Acetal valve ball with adjustable neoprene seats
- Positive twist lock handle
- Finish red urethane enamel with hard anodized trim

**GATED WYES** NOTE: Product numbers ending in "A" indicates Aluminum vs. Brass

- Acetal valve balls with adjustable neoprene seats
- Rugged aluminum handles

**B-100-SA**

- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Specify Inlet/Outlet Configuration:

- (1) 1.0" female swivel inlet x (2) 0.75" male outlet
- (1) 1.5" female swivel inlet x (2) 0.75" male outlet
- (1) 1.5" female swivel inlet x (2) 1.0" male outlet



**B-100-LA**

- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Inlet/Outlet Configuration

- (1) 1.5" female swivel inlet x (2) 1.5" male outlet



B-100-LA

**B-100-L**

- Rugged brass construction
- Finish red urethane enamel with chrome plated trim

Inlet/Outlet Configuration:

- (1) 1.5" female swivel inlet x (2) 1.5" male outlet

**B-100A**

- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Inlet/Outlet Configuration:

- (1) 2.5" female swivel inlet x (2) 1.5" male outlet



**B-100**

- Rugged brass construction
- Finish red urethane enamel with satin brass or chrome plated trim

Inlet/Outlet Configuration:

- (1) 2.5" female swivel inlet x (2) 1.5" male outlet



shown with optional knob handles

**B-97A**

- Positive Twist Lock Handles
- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Specify Inlet/Outlet Configuration:

- (1) 2.5" female swivel inlet x (2) 2.5" male outlet
- (1) 3.5" female swivel inlet x (2) 2.5" male outlet
- (1) 4.0" female swivel inlet x (2) 2.5" male outlet
- (1) 4.0" Storz inlet x (2) 2.5" male outlet
- (1) 4.5" female swivel inlet x (2) 2.5" male outlet
- (1) 5.0" Storz inlet x (2) 2.5" male outlet
- (1) 5.0" female swivel inlet x (2) 2.5" male outlet
- (1) 6.0" female swivel inlet x (2) 2.5" male outlet



B-97A

**B-97**

- Positive Twist Lock Handles
- Rugged brass construction
- Finish red urethane enamel with chrome plated trim

Specify Inlet/Outlet Configuration:

- (1) 2.5" female swivel inlet x (2) 2.5" male outlet
- (1) 3.5" female swivel inlet x (2) 2.5" male outlet
- (1) 4.0" female swivel inlet x (2) 2.5" male outlet
- (1) 4.5" female swivel inlet x (2) 2.5" male outlet
- (1) 5.0" female swivel inlet x (2) 2.5" male outlet
- (1) 6.0" female swivel inlet x (2) 2.5" male outlet

**HANDLE OPTIONS**

- Not all handles available on all models
- All twist-locks feature metal knurled knobs



KNOB



LONG (ELK-O-LITE®)



POSITIVE TWIST LOCK



PRESSURE GAUGE

**PLAIN WYES**



**Model 1A**

- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Specify Inlet/Outlet Configuration:

- (1) 2.5" female swivel inlet x (2) 1.5" male outlet
- (1) 2.5" female swivel inlet x (2) 2.5" male outlet
- (1) 4.5" female swivel inlet x (2) 2.5" male outlet

**VALVED SIAMESE**

**B-98A**

- Acetal valve balls with adjustable neoprene seats
- Positive Twist Lock Handles
- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Specify Inlet/Outlet Configuration:

- (2) 2.5" female swivel inlet x (1) 2.5" female swivel outlet
- (2) 2.5" female swivel inlet x (1) 4.0" female swivel outlet
- (2) 2.5" female swivel inlet x (1) 4.5" female swivel outlet
- (2) 2.5" female swivel inlet x (1) 5.0" female swivel outlet
- (2) 2.5" female swivel inlet x (1) 6.0" female swivel outlet



**B-99A**

- Acetal valve balls with adjustable neoprene seats
- Positive Twist Lock Handles
- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Specify Inlet/Outlet Configuration:

- (3) 2.5" female swivel inlet x (1) 2.5" female swivel outlet
- (3) 2.5" female swivel inlet x (1) 4.0" female swivel outlet
- (3) 2.5" female swivel inlet x (1) 5.0" female swivel outlet
- (3) 2.5" female swivel inlet x (1) 6.0" female swivel outlet



**9723**

- Built in adjustable pressure relief valve
- Acetal valve balls with adjustable neoprene seats
- Self-Locking valve handles
- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Specify Inlet/Outlet Configuration:

- (3) 2.5" female swivel inlet x (1) 4.0" Storz outlet
- (3) 2.5" female swivel inlet x (1) 5.0" Storz outlet



## PLAIN SIAMESE



### Model 2A

- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Specify Inlet/Outlet Configuration:

- (2) 2.5" female swivel inlet x (1) 2.5" male outlet
- (2) 2.5" female swivel inlet x (1) 3.0" male outlet
- (2) 2.5" female swivel inlet x (1) 4.0" male outlet



### Model 2

- Rugged brass construction
- Finish red urethane enamel with chrome plated trim

Specify Inlet/Outlet Configuration:

- (2) 1.5" female swivel inlet x (1) 1.5" male outlet
- (2) 1.5" female swivel inlet x (1) 2.5" male outlet
- (2) 2.5" female swivel inlet x (2) 2.5" male outlet
- (2) 2.5" female swivel inlet x (2) 3.0" male outlet
- (2) 2.5" female swivel inlet x (2) 4.0" male outlet

## CLAPPERED SIAMESE

### Model 4A

- Single swinging clappered siamese design
- Leather carrying handle
- Built in 0.75" drain valve
- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Specify Inlet/Outlet Configuration:

- (2) 2.5" female swivel inlet x (1) 2.5" male outlet
- (2) 2.5" female swivel inlet x (1) 3.0" male outlet
- (2) 2.5" female swivel inlet x (1) 4.0" Storz outlet
- (2) 2.5" female swivel inlet x (1) 5.0" Storz outlet



### Model 4

- Single swinging clappered siamese design
- Leather carrying handle
- Built in 0.75" drain valve
- Rugged brass construction
- Finish red urethane enamel with chrome plated trim

Specify Inlet/Outlet Configuration:

- (2) 2.5" female swivel inlet x (1) 2.5" male outlet
- (2) 2.5" female swivel inlet x (1) 3.0" male outlet



### 9703

- Independent spring loaded clappered siamese design
- Built in adjustable pressure relief valve
- Built in 0.75" drain valve
- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Specify Inlet/Outlet Configuration:

- (3) 2.5" female swivel inlet x (1) 4.0" Storz outlet
- (3) 2.5" female swivel inlet x (1) 5.0" Storz outlet



## WATER THIEFS

### BG-104A

- Acetal valve balls with adjustable neoprene seats
- Rugged aluminum handles
- Durable, lightweight aluminum construction
- Finish red urethane enamel with hard anodized trim

Inlet/Outlet Configuration:

- (1) 2.5" female swivel inlet x (1) 2.5" male outlet and (2) 1.5" male outlets



BG-104-A

### BG-104

- Acetal valve balls with adjustable neoprene seats
- Rugged aluminum handles
- Rugged brass construction
- Finish red urethane enamel
- Specify: satin brass or chrome plated trim

Inlet/Outlet Configuration:

- (1) 2.5" female swivel inlet x (1) 2.5" male outlet and (2) 1.5" male outlets

# REDUCERS

## 101A Swiveling Plate Reducer

- 2.5" female swivel inlet x 1.5" male outlet
- Low profile knurling
- Durable lightweight aluminum

## A-327A Plate Reducer

- 2.5" female rigid inlet x 1.5" male outlet
- Rocker lug style
- Durable lightweight aluminum

## 102A Swiveling Bell Reducer

- 2.5" female swivel inlet x 1.5" male outlet
- Low profile knurling
- Durable lightweight aluminum



# WRENCHES

## T-464 Universal Spanner Wrench

- Used for tightening or loosening hose couplings up to 3.5" equipped with either rocker lugs or pin lugs
- Features gas shutoff slot, hammer head, pry end, and hanger loop
- Durable lightweight aluminum
- Cast aluminum finish



## S-454-S Adjustable Hydrant Wrench

- Adjustable to fit up to a 1.75" pentagon nut or 1.5" square nut on fire hydrants
- Can be used as a spanner wrench on 4.0" or 5.0" Storz couplings or on rocker lug couplings from 2.5" up to 5.0"
- Wrench head is made of rugged, cast manganese bronze, with a knurled chrome plated steel handle



# XD INTAKE™



## BUILT TO LAST, WITH THREE LAYERS OF SUPERIOR CORROSION RESISTANCE.

The XD Intake Model 1902 by Elkhart Brass, is a nod to our founding year and a century-plus of innovation. This heavy-duty valve, engineered to regulate water supply intake to your pump, combines a robust design with cutting-edge technology. The Model 1902 symbolizes our enduring legacy and commitment to advancing firefighting equipment.

The XD Intake comes in both Low Profile and Straight configurations, and left-hand or right-hand mounted control wheel locations to suit any fire truck pump panel layout, ensuring that versatility meets functionality. The top-positioned indicator guarantees optimal visibility, allowing firefighters to quickly assess the valve position status in any situation. It's built to last, with three layers of superior corrosion resistance, including Mil Spec Hard Coat, Zinc, and Powder Coating, ensuring it withstands the harshest conditions.

The XD Intake stands out for its ability to minimize pressure loss during crucial high flow rates, ensuring firefighters have a swift and reliable water supply. With a maximum flow capacity of 3000 gallons per minute (gpm) and a generous minimum waterway size of 5.12 inches (133 mm), it guarantees optimal flow efficiency, even under demanding circumstances. Engineered for maximum efficiency, this valve delivers superior performance in water delivery operations on the fire ground, making it an indispensable asset for firefighting operations.

Intake Valve – 1902L Low Profile



Intake Valve – 1902S Straight Profile



Key Features:

- Straight or Low Profile and Left-Hand or Right-Hand handwheel control configurations
- Strategically positioned indicator on top, ensuring optimal visibility for easy monitoring and operation
- A large Push/Pull pressure-balanced bleeder valve for efficient operation
- Primarily aluminum construction for a lightweight yet durable design
- All-metal construction in critical components like the Handwheel and Pressure Relief Mechanism, guaranteeing reliability
- A smooth-operating handwheel designed to minimize pinch points, enhancing safety and ease of use
- The 3-lug pump side swivel outlet simplifies installation
- Exceptional pressure loss performance:
  - 2 psi at 2000 gpm (.14 BAR @ 7550 LPM) for the 5" inlet x 6" Low Profile configuration
  - 1 psi at 2000 gpm (.07 BAR @ 7550 LPM) for the 5" inlet x 6" Straight Profile configuration
- A cutting-edge UHMWPE Seat versus traditional Rubber Seats for enhanced durability and performance
- Low Profile configuration includes a front-mounted Pressure Relief Valve (PRV), offering convenient adjustment and accessibility

This valve isn't just a tool; it's a critical component for your apparatus, designed to offer precision control, durability, and ease of use in the most demanding situations. Trust in Elkhart Brass's century-old legacy of excellence and innovation to equip your firefighting apparatus with the best in water control technology: the XD Intake.



1902S Straight



Straight Options:

- Outlet Site (Pump Side) - 6" NH
- Inlet size (Supply Side) - Storz - 5", or 5", 6" NH

1902L Low Profile



Low Profile Options:

- Outlet Site (Pump Side) - 6" NH
- Inlet size (Supply Side) - Storz - 4", 5"

Model Numbers:

Part Number	Design	Configuration
SMLBE50M6	1902S Straight	Straight Left, 5" MNST Elbow, 6" Outlet
SMRBS50S6	1902S Straight	Straight Right, 5" Storz Straight, 6" Outlet
SMRBE50S6	1902S Straight	Straight Right, 5" Storz Elbow, 6" Outlet
SMLBE50S6	1902S Straight	Straight Left, 5" Storz Elbow, 6" Outlet
SMRBS60M6	1902S Straight	Straight Right, 6" MNST Straight, 6" Outlet
SMRBE60M6	1902S Straight	Straight Right, 6" MNST Elbow, 6" Outlet
SMLBE60M6	1902S Straight	Straight Left, 6" MNST Elbow, 6" Outlet
LMLBE40S6	1902L Low Profile	Low Profile Left, 4" Storz Elbow, 6" Outlet
LMLRBE40S6	1902L Low Profile	Low Profile Right, 4" Storz Elbow, 6" Outlet
LMRBE60M6	1902L Low Profile	Low Profile Right, 6" Storz Elbow, 6" Outlet
LMRBE50S6	1902L Low Profile	Low Profile Right, 5" Storz Elbow, 6" Outlet
LMLBE50S6	1902L Low Profile	Low Profile Left, 5" Storz Elbow, 6" Outlet

Note: Contact your regional sales manager for additional configuration options.

Specifications:

Maximum Pressure	250 psi (17 BAR)
Maximum Flow Rate	3000 gpm (11400 LPM)
Weight	27.4 lbs (12.4 kg)
Temperature	Operating: 32°F-125°F (0°C -52°C) Storage: -25°F-135°F (-32°C-57°C) (Drained)

# MORE INFORMATION



## FIELD KITS

Elkhart Brass offers field service kits for nozzles, valves and appliances. These kits include information on repairs, parts and service. Learn more at [elkhartbrass.com](http://elkhartbrass.com) or contact a representative today.



## TECHNICAL DATA

Available on our website in Technical Data section or by contacting Elkhart Brass direct, find multimedia and other valuable resources for reach, friction loss, flow and performance data, and much more.



## MANUALS

Elkhart Brass and its products are supported through comprehensive manuals for most categories. Find downloads at [elkhartbrass.com](http://elkhartbrass.com) with all of the product information you should need.



## SPECIFICATIONS

Downloadable, printable specifications sheets are available for most products at the Elkhart Brass website. You will find tips, sizes, materials used, certain operational instructions, and more.



## XD™ CONFIGURATOR

The popular XD™ Series nozzle line features a convenient web-based configurator. Customers can visit [xdconfigurator.com](http://xdconfigurator.com) (access through the Elkhart Brass website) and build their own to exact needs.

SEE CUSTOMIZATION OPTIONS ON PAGES 21-22  
CONFIGURE YOURS AT [XDCONFIGURATOR.COM](http://XDCONFIGURATOR.COM)



## HOW TO ORDER

Sales Managers are listed by your location on our website. This includes The United States, Canada, Mexico, Europe, Africa, Asia, and more. They will assist with information or ordering and will also provide demos of products by request and availability.

# OTHER MARKETS WE SERVE

Elkhart Brass has for decades, even over a century with some, served the fire fighting equipment and fire protection markets. These include OEM vehicle builders, municipalities throughout the world, industrial customers like mining and construction segments, and building interior safety systems.



## FIRE APPARATUS EQUIPMENT



## BUILDING SYSTEMS



## INDUSTRIAL



## MINING & CONSTRUCTION





# TAKE ACTION

[elkhartbrass.com](http://elkhartbrass.com)

Since 1902 Elkhart Brass has been an innovator in the fire protection and fire fighting equipment industries. Today, with well over 2,000 products, the company has become a leader in the various markets served. Find out more by visiting the [elkhartbrass.com](http://elkhartbrass.com) website, social media channels, Knowledge Drop and other training, educational and product videos; and see more details. There are many resources available to help you find and enjoy the right product solution at Elkhart Brass.

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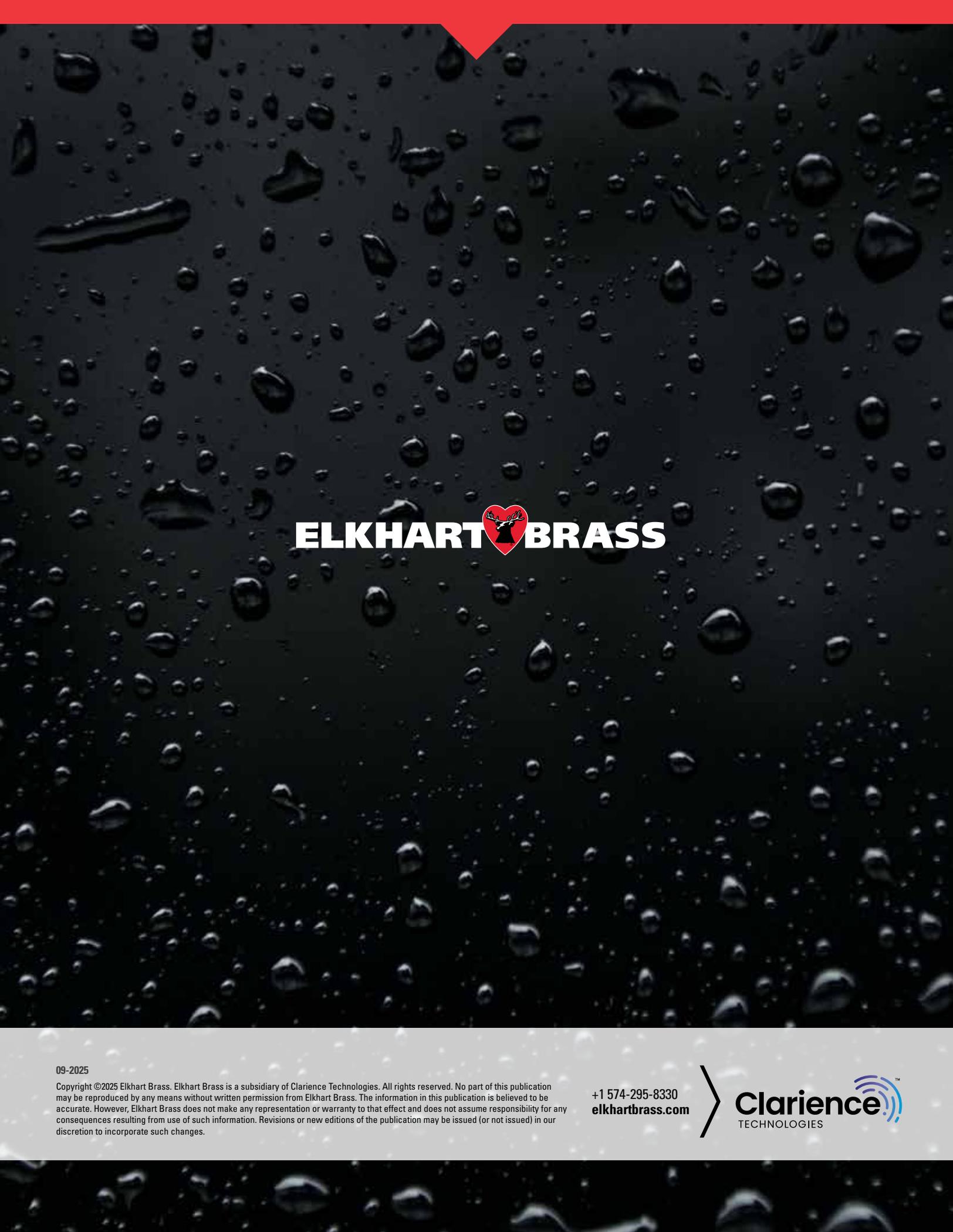
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For official Elkhart Brass merchandise visit our store at [www.elkhartbrass.shop](http://www.elkhartbrass.shop)





# ELKHART BRASS

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