

ELKHART  BRASS




XD™ INTAKE
Elkhart Brass Model 1902
Max Pressure: 250 psi (17 BAR)
Serial Number: BETA 7
Conforms to all applicable sections of NFPA 1901

XD™ INTAKE

SAFE  FLEET
Driving Safety Forward™

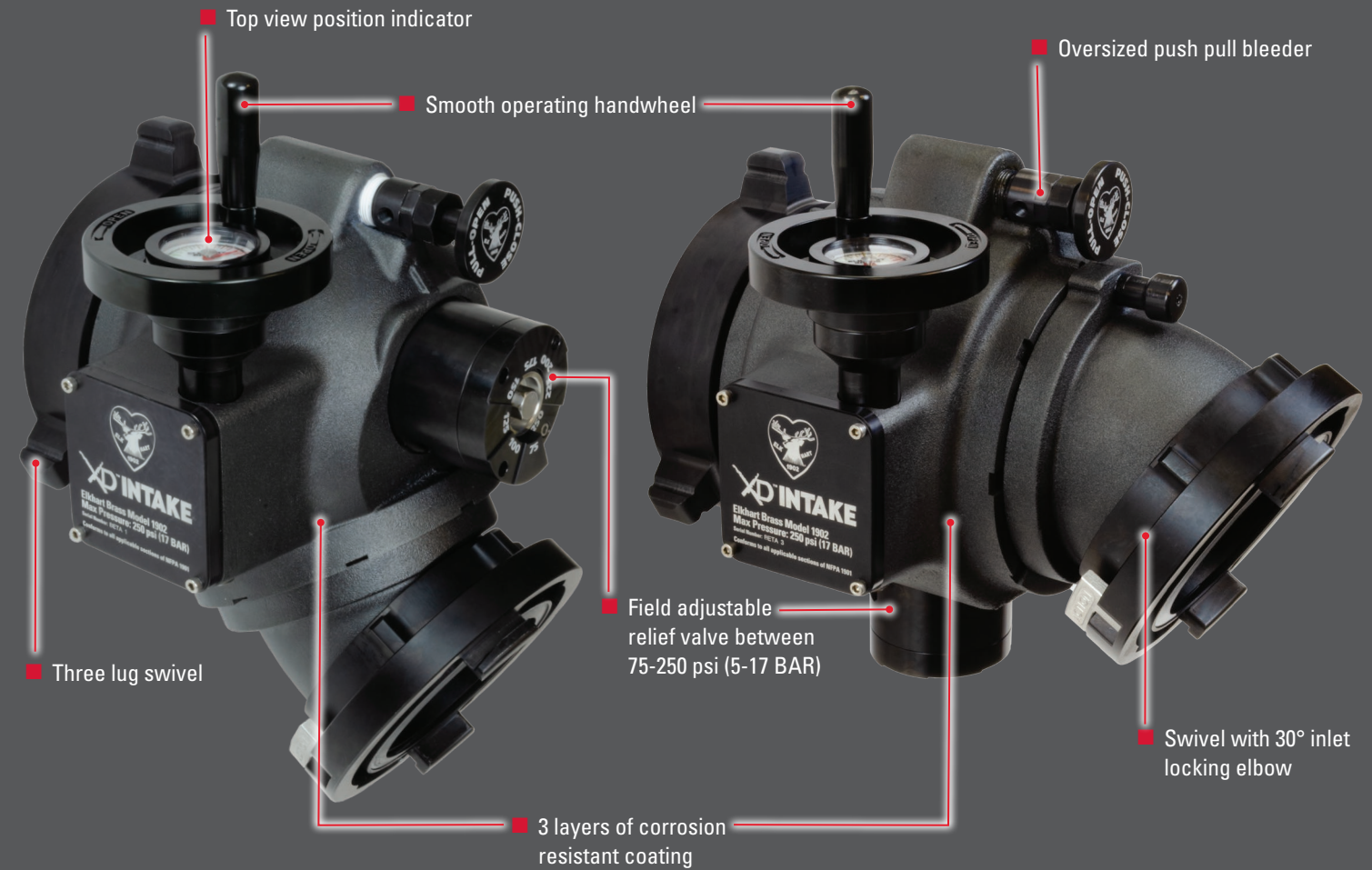


XD INTAKE



Intake Valve – 1902L Low Profile

Intake Valve – 1902S Straight Profile



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.

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.

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
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)