

≡ NITRO HD ≡

Dust Control • Equipment Washdown • Firefighting

Compact, High Flow Electric Monitor

The Nitro HD™ monitor is specially designed for severe duty cycles. With unique waterway swivel joints that utilize stainless steel thrust rods and needle roller thrust bearings for unprecedented durability in mining and construction applications.

Key Features:

Monitor

- Stainless Steel thrust rods and thrust bearings for maximum durability and resistance to shear load and vibration
- Sealed high-torque motors
- Simple, plug and play installation (12V or 24V)

Nozzle

- Environmentally sealed nozzle capable of 90° fog or straight stream flow pattern
- Multiple flow options
 - 200, 350, 500, 700 gpm (750, 1325, 1900, 2650 LPM)

Joystick

- Simple joystick control
- Up/Down/Left/Right/Fog/Stream
- Trigger output for water valve control



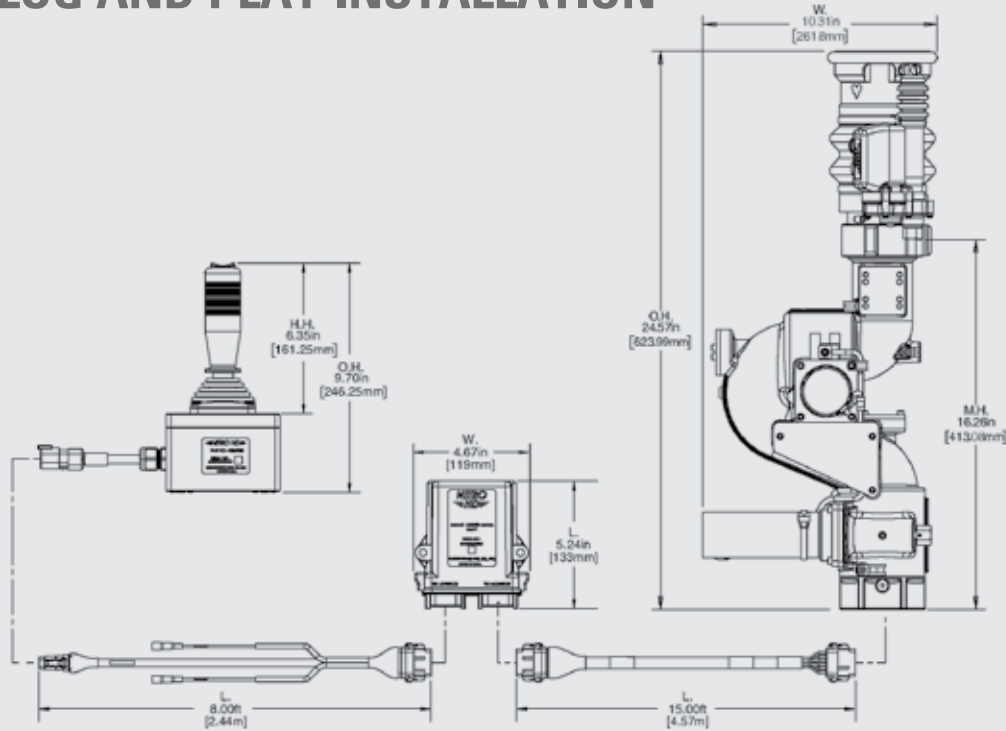
ELKHART  **BRASS**

SAFE  FLEET
Driving Safety Forward™

NITRO HD

DUST CONTROL ■ EQUIPMENT WASHDOWN ■ FIREFIGHTING

SIMPLE PLUG AND PLAY INSTALLATION



SPECIFICATIONS

Model	8100
Max Flow	750 gpm (3000 LPM)
Max Pressure	250 psi (17.2 BAR)
Inlet	2.5" NPT
Outlet	2.5" NHT
Vertical Travel	Max 135°
Horizontal Travel	Max 350°
Swing Radius	9.0" (230 mm)
Stow Height	13.2" (335 mm)
Weight	17 lbs (7.7 kg)
Voltage	12 or 24 VDC (auto)

NITRO HD STREAM REACH

Flow	Reach
200 gpm (750 LPM)	110 ft. (34 m)
350 gpm (1325 LPM)	125 ft. (38 m)
500 gpm (1900 LPM)	150 ft. (46 m)
700 gpm (2650 LPM)	175 ft. (53 m)

*Combination nozzle at rated pressure of 100 psi and a 32° angle above ground elevation.

OPTIONS



**181A
SMOOTH BORE NOZZLE**



**282A
MINI STREAM SHAPER**



QUICK CONNECT

ELKHART BRASS

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