

# DATA SHEET

## Cobra™ EXM2 Monitor

Model 7250X2

Efficient, high-flow, electric remote controlled water monitor (water cannon) for fire apparatus, industrial pumper, and aerial vehicles.

Utilizing the new EXM2 operating platform, the 7250X2 Series features built-in Wi-Fi for simple programming and setup. The EXM2 controls, both wired and wireless, provide improved performance and operator control. The EXM2 platform continues to incorporate heavy duty swivel joints and thrust rods for unprecedented durability.

Several base options are available for use with the Cobra EXM2 including a 3" flange, DN80-PN16 flange, 4" flange, 3" female NPT, and 3" female BSPT. The discharge may be ordered with either a 3.5" NHT or BSPP thread. The Cobra EXM2 comes standard with permanent magnet DC gear motors but may be upgraded to high power motors. Both motor options are sealed to NEMA 4.

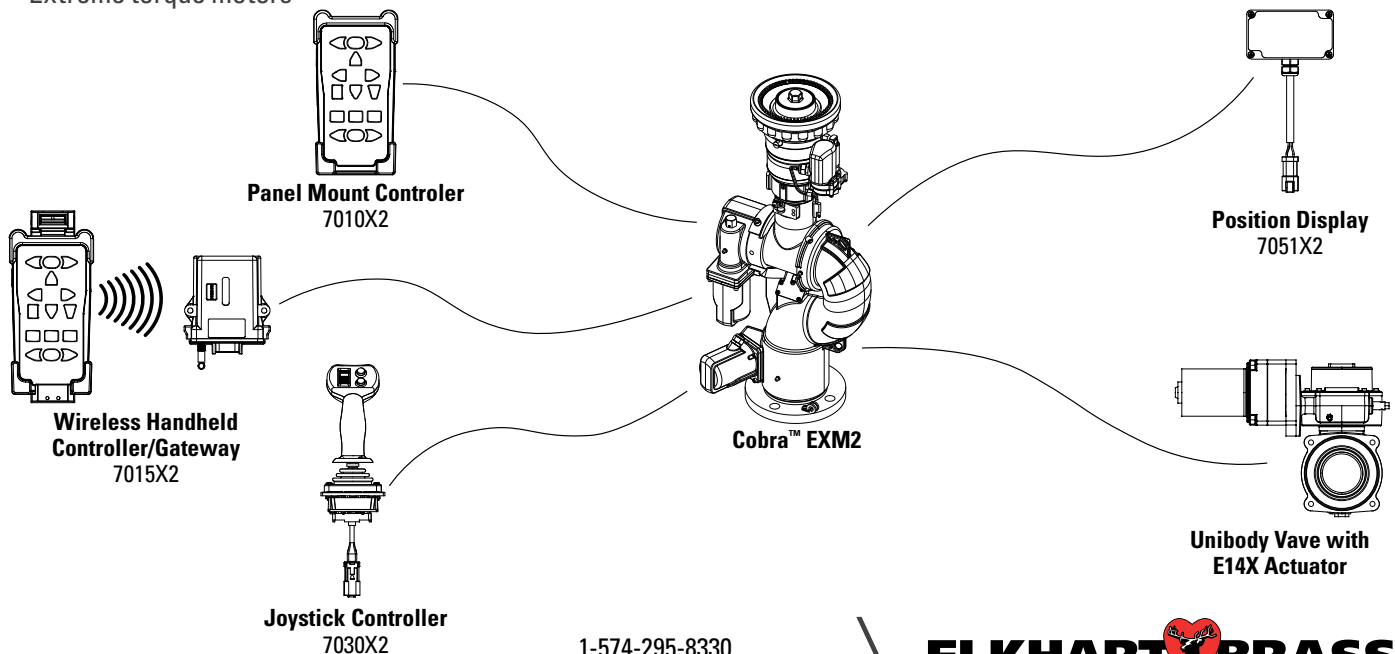


### Mechanical Features

- 1500 GPM (6000 LPM) Flow
- Motors and control components sealed to NEMA 4
- Axially aligned thrust bearings for extreme durability
- Absolute position sensors for precise control
- Manual override control in event of power failure
- Teflon impregnated, hard anodized aluminum alloy waterway
- Extreme torque motors

### Control Features

- 12 or 24VDC Compatible
- Wired or wireless control options
- CANBUS J1939 compatible
- Programmable STOW, DEPLOY and OSCILLATION
- Programmable travel limits and keep out zones
- Programmable travel speeds
- Integrated water valve control



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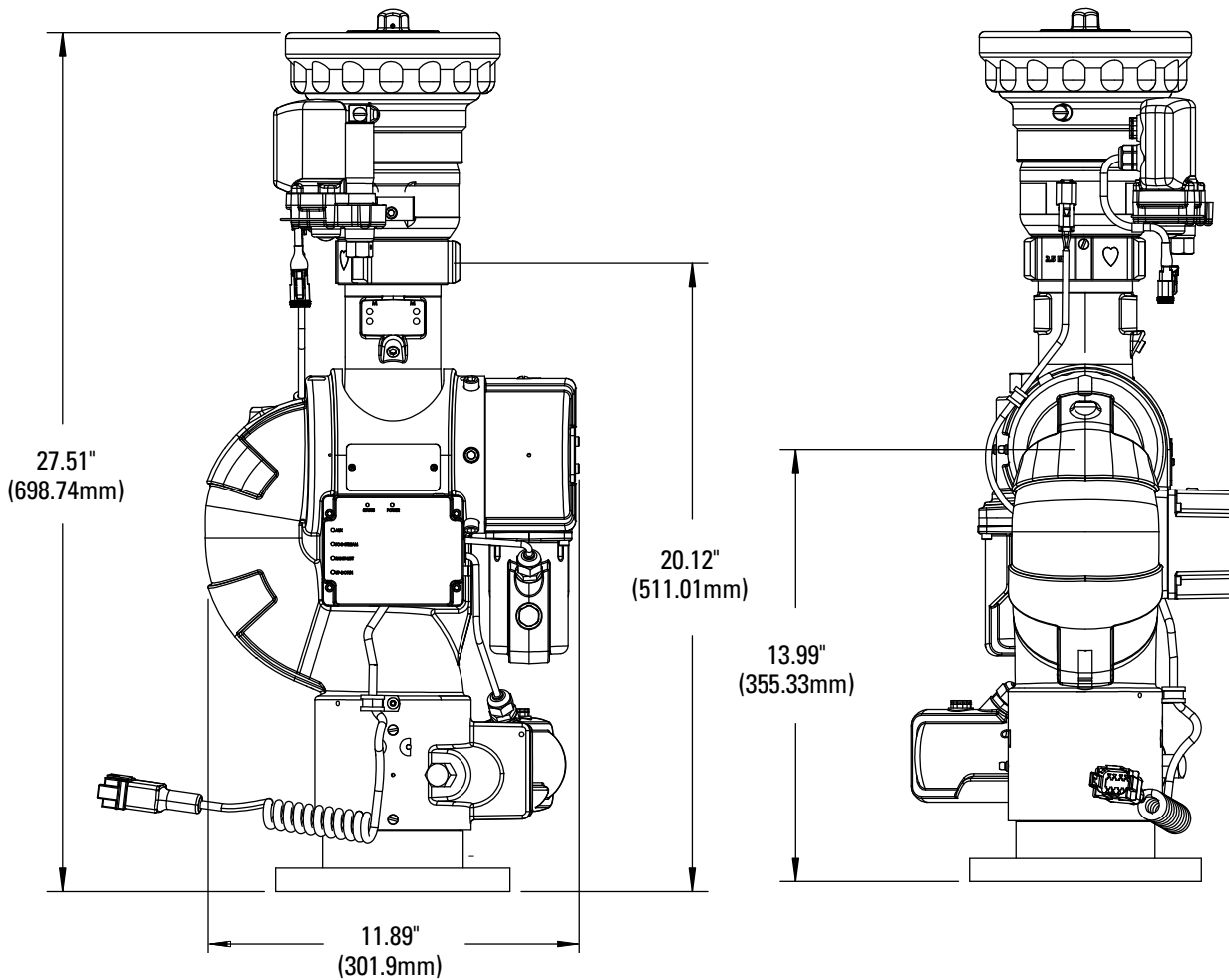
**ELKHART BRASS**  
FIRE FIGHTING EQUIPMENT A SAFE FLEET BRAND

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## Cobra EXM2 Monitor

### Specifications

|                         |   |
|-------------------------|---|
| <b>Model:</b>           | 7250X2SD/7250HDX2   |
| <b>Max Flow:</b>        | 1500 GPM (6000 LPM)   |
| <b>Max Pressure:</b>    | 500 PSI (34.5 bar) Limited Duty   |
| <b>Inlet:</b>           | 3"-150# Flg, 4"-150# Flg, 3" NPT, 3" BSPT, & DN80-PN16"                           |
| <b>Outlet:</b>          | 3.5" Male NHT & BSPP  |
| <b>Travel:</b>          | Vertical: -45° to +120° (165°) w/ Extended Travel Horizontal: L175 to R175 (350°) |
| <b>Voltage:</b>         | 12 or 24 VDC compatible   |
| <b>Control:</b>         | CANbus J1939  |
| <b>Communication:</b>   | 915 MHz RF - FCC & IC<br>868 MHz RF - CE  |
| <b>Material/Finish:</b> | Teflon impregnated, hard anodized Elk-O-Lite®                                     |
| <b>Swing Radius:</b>    | 6" (152mm) 180°, 8" (203mm) 360°  |
| <b>Stow Height:</b>     | 16" (406mm)   |
| <b>Weight:</b>          | 32 lbs (14.5 kg)  |

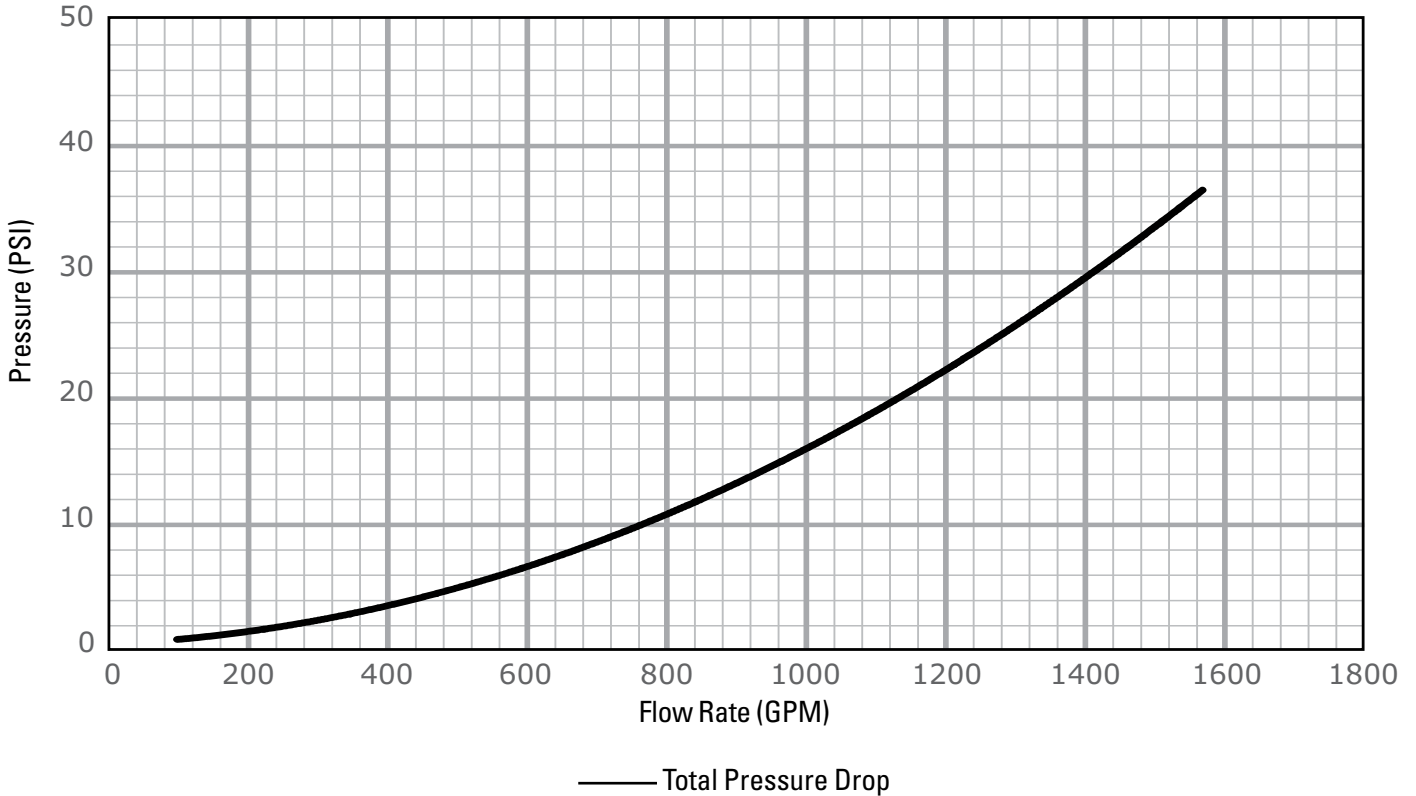


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## Cobra EXM2 Monitor

7250X2 Cobra EXM2 Monitor Pressure Drop

3.0" Inlet and 3.5" Outlet

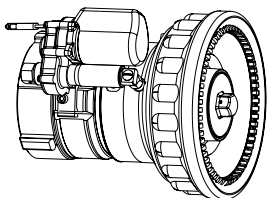


## X-Stream® Series Master Stream Nozzles

The SM1500E is an electrically actuated master stream nozzle for use with the Cobra EXM2 monitor. The X-Stream series nozzles automatically adjust to maintain an effective stream and maximum reach at variable or reduced flows. Electric actuators are completely sealed and allow precise pattern control from straight stream to wide fog.

### Electric Nozzle Specifications

| Model    | Inlet | Pressure PSI (BAR) | Flow Range - GPM (LPM) |
|----------|-------|--------------------|------------------------|
| SM-1500E | 3.5"  | 70 (4.9)           | 500-1500 (2000-6000)   |



SM-1500E

