

Elkhart Brass  
*Scorpion*<sup>®</sup>  
*Monitors*



# Elkhart Brass *Scorpion*<sup>®</sup> *Electric Monitors*

The electrically actuated Scorpion monitor features totally sealed electric motors for protection from the elements. Scorpion is furnished with a Select-O-Matic SM-100E combination fog nozzle that flows from 300-1000 GPM or an optional SM-2000E X-Stream nozzle with a 500-2000 GPM flow range. Our exclusive manual override on both of these nozzles, as well as on the monitor itself, is an important safety feature. Scorpion's control system includes a relay box, complete with factory-installed, weatherproof cables, a primary control box and sec-

ondary remote control box. The system features P.I.C. chip design with solid state, moisture-protected circuitry, reverse polarity, and auxiliary battery feedback protection, and remote control override with automatic reset. Planetary gear motors combine maximum torque with minimum power drain. Check out the features on page three and you'll see why Scorpion is the finest firefighting master stream appliance available.

8294-04 w/ SM-2000E  
X-Stream





# Features

- Durable, lightweight Elk-O-Lite construction
- Efficient 4" vaned waterway
- Flows up to 2000 GPM
- Fully enclosed hardened steel gears
- Totally sealed 12VDC electric motors
- 135° vertical travel with 10 safety stop positions
- Horizontal travel 347° with 39 safety stop positions
- Numerous safety stop positions allow compliance with NFPA 1901 in any application
- Furnished with NEMA 4 (drench-proof) relay box and two control boxes
- P.I.C. chip design electronic circuitry
- Current limiting motor protection with automatic reset
- Reverse polarity and auxiliary battery feedback protection
- Emergency circuit override
- Circuit test indicator lights
- Remote control override with automatic reset
- Furnished with SM-100E or SM-2000E X-Stream nozzle
- Liquid filled pressure gauge
- Compact design
- Manual override for monitor and nozzle
- Inlet 4.0"-150# ANSI flange



Scorpion comes with a standard SM-100E nozzle, at left.

The SM-2000E X-Stream is optional.



Optional Battery Pack



Control Boxes

| Model               | Maximum Flow |       | Discharge Threads | Base                  | Dimensions* |         |        | Wt. Lbs. |
|---------------------|--------------|-------|-------------------|-----------------------|-------------|---------|--------|----------|
|                     | GPM          | L/Min |                   |                       | Width       | Depth   | Height |          |
| 8294-02             | 2000         | 7570  | 3.50"             | 4.0"-150# ANSI Flange | 13.25"      | 18.50"  | 20.50" | 38.00**  |
| 8294-04 w/ SM-100E  | 1000         | 3785  | 3.50"             | 4.0"-150# ANSI Flange | 13.25"      | 23.25"  | 20.50" | 56.875   |
| 8294-04 w/ SM-2000E | 2000         | 7570  | 3.50"             | 4.0"-150# ANSI Flange | 13.25"      | 26.375" | 20.50" | 55.40    |

\* Dimensions are with discharge of monitor horizontal.

\*\* Weight is less stream shaper, tips, or nozzle.



Optional Hand-Held Remote



Relay Box with factory installed, weatherproof cables

# Elkhart Brass *Scorpion*<sup>®</sup> Manual Monitors

Constructed of durable, lightweight Elk-O-Lite, manual Scorpion monitor features a double handwheel control for fast, easy operation and positive lock in any position. The hardened steel worm gears are completely enclosed. Horizontal travel on this model is a full, continuous 360° degrees. The vertical travel is 135°, 90° above to 45° below horizontal. The 4.0" vaned waterway efficiently flows up to 2000 GPM and is furnished with a liquid filled pressure gauge. Stainless steel balls in all ball races ensure years of smooth operation. Like our Electric Scorpion, manual models have a 4.0"-150# ANSI flange base and a red acrylic/urethane enamel finish with hard anodized trim. This deck gun is ideal with a 284A Stream Shaper with either a 181-3A deluge tip or ST-195 stacked tips. It is extremely potent with an SM-100 or an SM-2000 X-Stream Fog Nozzle.

The science of firefighting was in its infancy when Elkhart Brass was founded nearly a century ago. When our cover photo was taken in 1953, equipment such as automatic fog nozzles and remote controlled monitors were still 20 years away from reality. Today, we manufacture the premier automatic nozzle in the world, the Select-O-Matic X-Stream. Together with this popular deck gun, the Scorpion, you have the finest master stream firefighting appliance available.



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