

STYLE 3297 INDUSTRIAL FIREFOX NOZZLE W/ ELECTRIC PATTERN ACTUATOR

The following is intended to provide the basic instructions for operating a Style 3297 Industrial Firefox Nozzle with Electric Pattern Actuator. Read and understand these operating instructions before use.

PRODUCT RATINGS

Flow: 125 - 350 gpm @ 100 psi/7 bar

Maximum Pressure: 200 psi/14 bar

Minimum Voltage at motor: 12 Volt Motor: 10 Volts at 15 amps

24 Volt Motor: 20 Volts at 7.5 amps

Maximum Motor Current

Draw: 12 Volt Motor: 3 amps

24 Volt Motor: 1.5 amps

PRODUCT WARNINGS

⚠ WARNING: Charge all lines slowly to facilitate a controlled water pressure build-up during start-up. Open and

close slowly. Rapid opening will produce a sudden thrust. Rapid opening and closing can cause water hammer. Have your monitor properly supported to control the reaction force created by the stream.

MARNING: At pressures below that indicated on the label, the nozzle will have reduced flow and reach. Be sure

you have enough flow and pressure for the situation (See IFSTA and NFPA manuals for guidelines).

MARNING: Ensure the nozzle is aimed in a direction that is safe, prior to flowing.

MARNING: Do not use the nozzle as a forcible entry tool. Doing so may damage it or make it inoperable.

MARNING: Ensure the thread on the nozzle swivel is matched to the thread on the monitor.

PRODUCT CAUTIONS

⚠ CAUTION: If any tags or bands on the nozzle are worn or damaged and cannot be easily read, they should be

replaced.

⚠ CAUTION: Do not over tighten the nozzle onto the monitor.

⚠ CAUTION: The nozzle is configured for optimum performance. Do not alter in any manner.

♠ CAUTION: Your nozzle should be inspected prior and after each use, to ensure it is in good operating condition.

Periodically, an unanticipated incident may occur where the nozzle is used in a manner that is inconsistent with standard operating practices and those listed in IFSTA. A partial list of potential misuses

follows:

Operating above maximum rated pressure and flow.

Not draining, and allowing water to freeze inside the nozzle.

Dropping the nozzle from a height where damage is incurred.

Prolonged exposure to temperatures above +130 degrees F, or below -25 degrees F,

Operating in a corrosive environment.

• Other misuse that might be unique to your specific fire fighting environment.

There are many "tell tale" signs that indicate nozzle repair is in order, such as:

• Controls that are either inoperable or difficult to operate.

Excessive wear.

• Poor discharge performance.

· Water leaks.

If any of the above situations are encountered, the nozzle should be taken out of service and repaired, plus tested by qualified nozzle technicians, prior to placing it back in service.

OPERATING INSTRUCTIONS

- To change the spray angle, push the toggle switch to either SS (straight stream) or fog.
- To change the flow setting, you must shut off the flow, adjust the spray pattern past fog until it stops, then manually push the baffle head in and rotate it until the roll pin aligns with the desired flow setting.
- To flush the nozzle push the toggle switch towards the fog position until it stops. This gives you the maximum orifice for clearing small debris.

MAINTENANCE

- Under normal conditions, periodically flushing the nozzle with clean water and cleaning grit and dirt from around exterior moving parts will allow the nozzle to operate as designed.
- Over time the O-Rings may need to be replaced. This can be accomplished by purchasing the appropriate O Rings shown on the service parts list. Use qualified maintenance mechanics or return the nozzle to Akron Brass for repair.



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