



## STYLE 3626 & 3623 DUAL FLOW ELECTRIC MASTER STREAM FOAM TUBE OPERATING INSTRUCTIONS

The following is intended to provide the basic instructions for operating an Electric Foam Tube Style 3626 & 3623. Motor options are 12 or 24 volt. Read and understand these operating instructions before use.

### PRODUCT RATINGS

Flow: 375/750 GPM AT 145 psi

Maximum Pressure: 200 psi/14 bar

Maximum Motor Current Draw: 3 amps at 12 volts & 1.5 amps at 24 volts

### 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.
- ⚠ WARNING:** Ensure the nozzle is aimed in a direction that is safe, prior to flowing.
- ⚠ WARNING:** 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:** For use with fresh water or standard fire fighting foams only. Not recommended for use with salt water. After use with foam or salt water, flush with fresh water.
- ⚠ CAUTION:** For firefighting use only.
- ⚠ CAUTION:** Do not over tighten the nozzle onto the monitor connection.
- ⚠ 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.

## INSTALLATION

1. Install foam tube on turret insuring swivel is completely tightened.
2. Route pattern actuator cable (coiled cord) through supplied cable clamp and mount with supplied screw (supplied loose) to front of bracket (part number 527)
3. Connect pattern actuator cable to pattern actuator motor.

## OPERATING INSTRUCTIONS

To change the spray angle, push the toggle switch to either SS (straightstream) or fog.

### Manual Override

To operate the manual override:

1. Pull out the knurled override knob at the base of the actuator housing.
2. Rotate the override knob left or right until the desired spray pattern is achieved.
3. When finished, push and rotate the override knob until it moves back into its normal operating position.

## 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 seals and gaskets may need to be replaced. This can be accomplished by purchasing the appropriate Akron repair parts. Use Qualified maintenance mechanics or return the nozzle to Akron Brass for repair.



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