

INSTALLATION/OPERATION INSTRUCTIONS STYLE 3626 PNEUMATIC FOAM NOZZLE

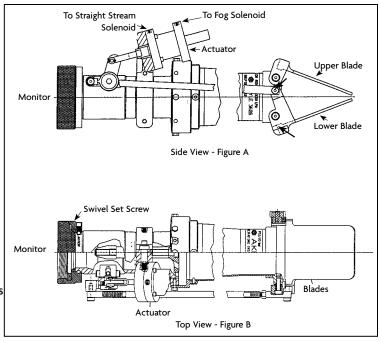
The Akron Style 3626 AFFF pneumatic foam nozzle is designed for use with the Akron Style 3578 Stream Master electric monitor. The following instructions are for the installation and use of this product combination.

INSTALLATION

The Style 3626 has a full time swivel which must be locked in place as follows:

- Thread nozzle onto the monitor outlet and tighten with a strap (web) wrench.
- Rotate the nozzle until the dispersion blades are in a horizontal position. (See Figures A & B)
- 3. Tighten the socket head set screw in the side of the swivel using a ³/₁₆" hex wrench. (The screw is a cone point type which wedges between two ball bearings and locks swivel. See Figure B.)
- 4. Connect air lines (customer supplied) to the actuator ports and route lines to air solenoid valves (customer supplied)(See Figures A & C). Akron recommends that two each Allenair PAW8BG 12VDC solenoid valves be used. Regulate to 100 PSI using dry air, especially in cold environments. Also, needle valves will be needed to regulate speed. We recommend the Allenair QE-100-FM with a QE-104 adjustable exhaust.
- Plug harness into joystick receptacle. (the joystick enclosure is not sealed and is designed to be installed inside the truck cab.)

NOTE: Refer to the Style 3578 Stream Master installation instructions (Form 118026) for further instructions.



OPERATION

- 1. Nozzle is rated at 800 GPM/3000 LPM or 1000 GPM/3785 LPM with a nozzle inlet pressure of 150 PSI/10 bar. Maximum operating pressure is 200 PSI/13.5 bar.
- 2. Nozzle is designed to operate on an Akron 3578 Stream Master utilizing a joystick control. Straight stream BLADES OPEN Fog BLADES CLOSED.

NOTE: Refer to Style 3578 Stream Master operation instructions (Form 118026) for further instructions and precautions.

PRODUCT RATINGS

Maximum operating pressure 200 psi/14 bar

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 sudden thrust. Rapid opening and closing can cause water hammer. Have your monitor

properly supported to control the reaction force created by the stream.

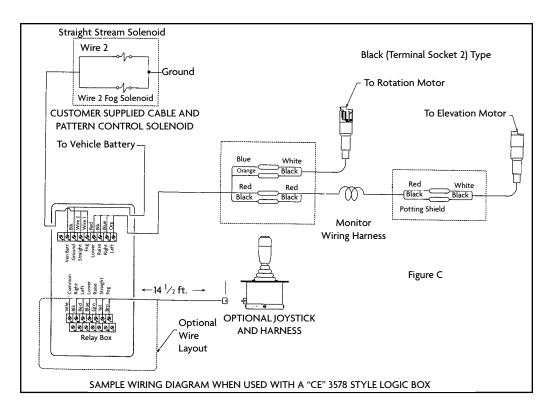
MARNING: At pressures below that indicated on the label, the nozzle will have reduced flow and reach. Be sure you have

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

WARNING: Ensure the 3626 is aimed in a direction that is safe, prior to flowing.

 \triangle **WARNING**: Do not use 3626 as a forcible entry tool. Doing so may damage it or make it inoperable.

MARNING: Ensure the thread on the nozzle swivel is matched th 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.

 \triangle **CAUTION:** For firefighting use only.

 \triangle **CAUTION:** Do not overtighten the nozzle onto the hose 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 aremany "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

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.



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