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:
1. Thread nozzle onto the monitor outlet and tighten with a strap (web) wrench.
2. 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). Akron recommends that two each Allenair PAWBBG 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.
5. 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.

⚠️ WARNING: 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.

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

⚠️ WARNING: Ensure the thread on the nozzle swivel is matched to the thread on the monitor.
WARRANTY AND DISCLAIMER: We warrant Akron Brass products for a period of five (5) years after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service.

We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; damage; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.

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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 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 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

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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SAMPLE WIRING DIAGRAM WHEN USED WITH A “CE” 3578 STYLE LOGIC BOX

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