



STYLE 3530 MANUAL ELEVATED MONITOR NOZZLE OPERATING INSTRUCTIONS

The following is intended to provide the basic instructions for installing and operating the Style 3530 Manual Elevated Monitor Nozzle. Read and understand these instructions before use.

PRODUCT RATINGS

Flow: 300, 500 or 750 gpm @ 100 psi (1150, 1900, or 2850 lpm)

Maximum Pressure: 100 psi (700 kpa)

PRODUCT WARNINGS

- 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: DO NOT exceed the maximum pressure or flow ratings of the nozzle. Exceeding these ratings has the potential to cause an injury and/or damage the nozzle.
- WARNING: Charge the nozzle slowly. Rapid charging may cause a pressure surge which has the potential to cause an injury or damage the nozzle.
- 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: Your nozzle should be inspected prior to 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.
 - Prolonged exposure to temperatures above +130 degrees F, or below -40 degrees F,
 - Operating in extremely corrosive environments.

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.

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

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

NOZZLE FLOW CALIBRATION

The nozzle is factory calibrated before shipment to flow 750 gpm (2850 lpm) @ 100 psi (700 kpa). If different flow settings are desired – perform the following steps.

- For 500 gpm (1900 lpm) @ 100 psi (700 kpa) loosen the socket head cap screw which attaches the nozzle baffle head to the nozzle body. Remove the 0.118" thick brass spacer. Leave the 0.108" thick brass spacer on the cap screw and reattach the baffle head to the nozzle body. Tighten the socket head cap screw.
- For 300 gpm (1150 lpm) @ 100 psi (700 kpa) loosen the socket head cap screw which attaches the nozzle baffle head to the nozzle body. Remove all metal spacers. Reattach the baffle head to the nozzle body and tighten the socket head cap screw.

OPERATING INSTRUCTIONS

- To change the nozzle Stream/Pattern function of the Manual Elevated Monitor:
- There is a cable that is attached to the pattern sleeve of the nozzle. Pulling on either side of this cable changes the nozzle pattern - Fog or Straight Stream.
- When standing behind the nozzle i.e. the outlet of the nozzle is pointed away from you:
- Pulling on the cable (left side) moves the nozzle to the Fog setting.
- Pulling on the cable (right side) moves the nozzle to the Stream setting.

MAINTENANCE

- Under normal conditions, periodically flush the nozzle with clean water. Cleaning grit and dirt from around exterior moving parts will allow the nozzle to operate as designed.
- Periodically (at least annually), lubricate the pattern sleeve with Low-Temp Lubriplate by using the grease fitting on the side of the pattern sleeve.
- 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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