



STYLE 1230 & 1231 SELF EDUCTING FORESTRY NOZZLE OPERATING/MAINTENANCE INSTRUCTIONS

The following is intended to provide the basic instructions for operating the Self Educating Forestry Nozzle. Read and understand these instructions before use.

PRODUCT RATINGS

Maximum Pressure: 200 psi/14 bar

Weight: 3.3 lbs.

PRODUCT WARNINGS

- WARNING: Charge all lines slowly to facilitate a controlled water pressure build-up during start-up. Rapid charging can cause water hammer.
- WARNING: Flush and drain the forestry nozzle after use to prevent freeze damage.
- WARNING: At pressures below 100 psi, 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 forestry nozzle is aimed in a direction that is safe, prior to flowing.
- WARNING: Ensure the thread on the inlet is matched to the thread on the mating connection.

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: The forestry nozzle is designed for use with fresh water, sea water or standard fire fighting foams only. After use with gel, foam or salt water, flush with fresh water.
- CAUTION: For fire fighting use only.
- CAUTION: Do not overtighten the nozzle onto the mating 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.

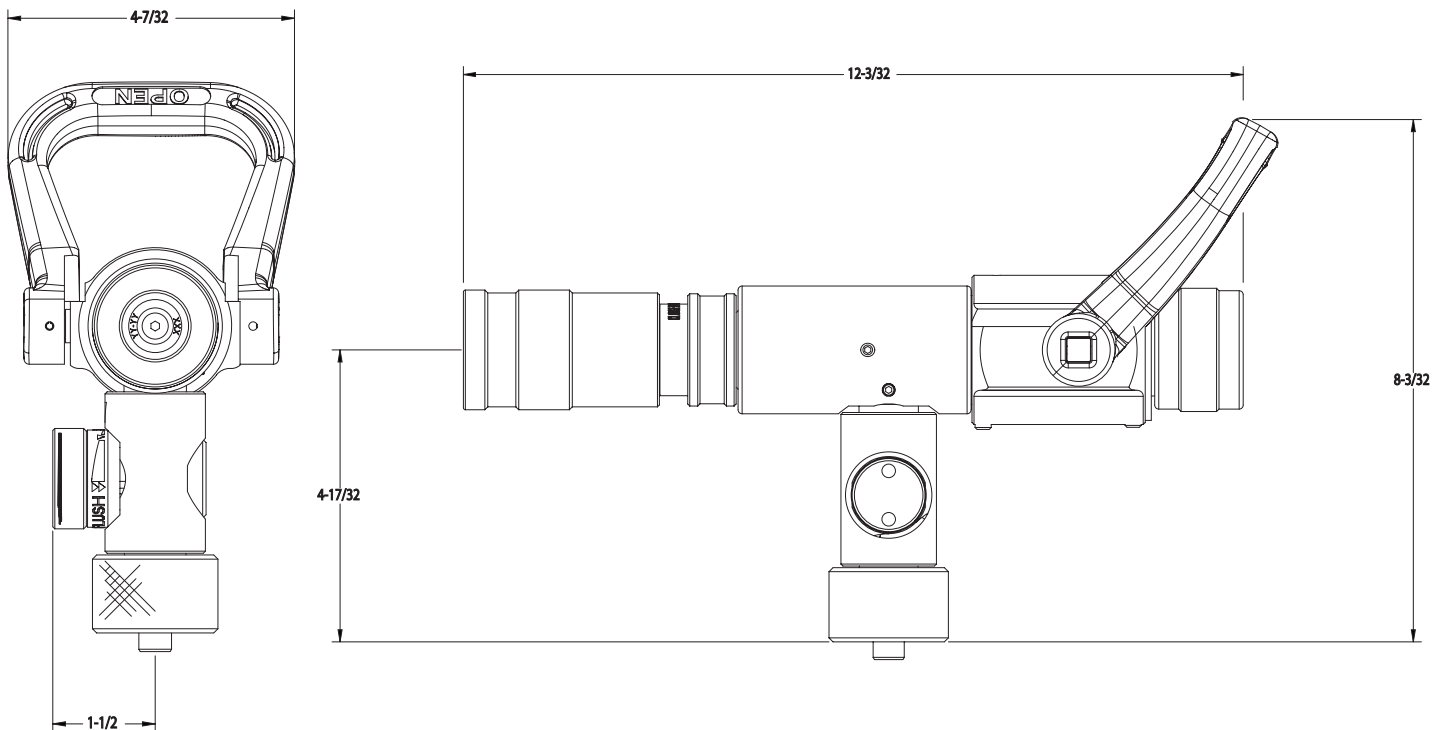
If any of the above situations are encountered, the nozzle should be taken out of service and repaired, plus tested by qualified nozzle technicians, prior to placing it back in service.

OPERATING INSTRUCTIONS

- Rated Flow is 15 GPM at 100 PSI
- Attach the supplied pick-up tube (12") to the pick-up tip below the metering dial, this is to use with the one gallon container supplied with gel or use the optional 60" pick-up hose assembly for use with the 5 gallon container.
- To change the pattern, rotate the pattern sleeve. Rotate it clockwise for straight stream; continue clockwise to stop for flush position. Rotate counter-clockwise for wide fog.
- The Forestry Nozzle has an adjustable metering head to work with gel or foams with variable settings from "off" to a maximum dependant on type of agent used.
- Flush nozzle and eductor with fresh water after every use.
- The Forestry Nozzle has dual shut-offs using the bale or twist shut-off.
- The Forestry Nozzle has a check valve in the eductor to prevent water entering gel container.

MAINTENANCE

- Under normal operating conditions, after every use turn the metering dial to the "off" position and flow clean water through the nozzle for about 5 min. to remove gel, grit and dirt from inside the nozzle, this will allow the nozzle to operate as designed.
- After flushing nozzle, flush the eductor every use. Close the bale and detach the agent. Adjust the nozzle to the closed position. Turn the metering dial to the flush position. Push the red flush button inside the metering dial, move the bale handle to the open position and flush for 5 min. until clean.
- Over time the o-rings may need 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 Company for repair.



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