



AKRON BRASS HANDLINE NOZZLE SHUTOFFS STYLES 2102, 2126, 2127, 2431, 2433 OPERATING INSTRUCTIONS

The following is intended to provide the basic instructions for operating a handline nozzle shutoff. Read and understand these operating instructions before use.

PRODUCT RATINGS

- Maximum 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 a sudden thrust. Rapid opening and closing can cause water hammer. Have enough firefighters on the line to safely control the reaction force created by the stream.
- ⚠WARNING:** Ensure the nozzle shutoff is aimed in a direction that is safe, prior to opening the bail handle.
- ⚠WARNING:** Do not use the nozzle shutoff as a forcible entry tool. Doing so may damage it or make it inoperable.
- ⚠WARNING:** Ensure the threads on the nozzle shutoff swivel and mate are matched to the thread on the hose connection and tip.

PRODUCT CAUTIONS

- ⚠CAUTION:** If any tags or bands on the nozzle shutoff are worn or damaged and cannot be easily read, they should be replaced.
- ⚠CAUTION:** For use with fresh water or standard firefighting foams only. Not recommended for use with saltwater or foam without flushing with fresh water after every use.
- ⚠CAUTION:** For firefighting use only.
- ⚠CAUTION:** When using a fog tip with a Saber Shutoff (2431, 2433), the flow rating must not exceed that of the orifice in the Saber Shutoff at the operating pressure being used.
- ⚠CAUTION:** Do not over tighten the nozzle shutoff onto the hose connection.
- ⚠CAUTION:** The nozzle shutoff is configured for optimum performance. Do not alter in any manner.
- ⚠CAUTION:** Throttling a Saber Shutoff (2431, 2433) will adversely affect the stream performance.
- ⚠CAUTION:** Do not use a Saber Shutoff (2431, 2433) in portable hose holders.
- ⚠CAUTION:** Do not expose to Trichlorethylene or Trichlorethane.

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⚠CAUTION: Your nozzle shutoff 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 firefighting 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 or others that may be concerning or out of the ordinary, the nozzle shutoff should be taken out of service and repaired, plus tested by qualified nozzle technicians, prior to placing it back in service.

OPERATING INSTRUCTIONS

SHUTOFF

- Open and close slowly
- To open: Pull the handle toward the inlet.
- To close: Push the handle toward the outlet.
- Under normal conditions, periodically flush the shutoff with clean water. Cleaning grit and dirt from around exterior moving parts will allow the shutoff to operate as designed.
- Over time the seals may need to be replaced. This can be accomplished by purchasing the appropriate Akron Field Service Kit. Use qualified maintenance mechanics or return the shutoff to Akron Brass for repair.

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; 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. Unless otherwise provided herein, Akron Brass industrial electronic components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products have the manufacturers' warranty and Akron Brass disclaims any warranty in respect of those products.

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