



## BRASS ARIES STYLE 3525

# INSTALLATION, OPERATING, AND MAINTENANCE INSTRUCTIONS

The following is intended to provide the basic instructions for installation, operating and maintenance of the Brass Aries monitor. Read and understand these operating instructions before use.

### PRODUCT RATINGS:

Maximum flow : 1250 gpm  
Maximum Pressure : 200 psi

The maximum flow of the Brass Aries monitor is 1250 gpm. The center of the waterway is 9.25 in. from the bottom of the inlet flange. Ensure these values and an appropriate safety factor are used to determine a proper support structure.

### PRODUCT WARNINGS:

⚠ WARNING: Insufficient structural support can lead to failure, which has potential to cause an injury. Therefore, additional structural support at the inlet flange on the vehicle deck may be required. (Contact Akron Brass Customer Service for assistance.)

⚠ WARNING: Charge the unit slowly. Rapid charging may cause a pressure surge which has the potential to cause an injury, or damage the monitor. Aim the unit in a safe direction before pumping water through it.

Replace the identification tags if they should become worn or damaged.

⚠ WARNING: DO NOT exceed the maximum pressure or flow ratings of the monitor. Exceeding these ratings has the potential to cause an injury or damage the monitor.

⚠ WARNING: DO NOT install shutoffs on the outlet of the Brass Aries monitor. Shutoffs increase the potential for pressure surges due to water hammer, which have the potential to cause an injury or damage the monitor.

Drain the Brass Aries monitor after use to prevent “freeze damage.”

Ensure the thread on the nozzle swivel matches the thread on the monitor outlet. Do not over tighten the nozzle onto the unit.

## MONITOR ATTACHMENT:

The monitor is to be mounted on the waterway with eight 5/8 inch bolts and nuts of grade five minimum, and suitable washers when mounting to a 4 inch flange. When mounting to a three inch flange only four bolts, nuts, and washers are required.

## OPERATING INSTRUCTIONS:

The hand wheel and the brake knob are used to control the monitor. To change the horizontal monitor position toward the “RIGHT” or “LEFT,” turn the brake knob counterclockwise until the unit can be easily rotated. Turn the same knob to the right to lock the unit in the desired horizontal position. To change the vertical monitor position upward or downward, turn the hand wheel clockwise or counterclockwise until it is aimed in the desired direction.

## CAUTIONS:

Your Brass Aries monitor and nozzle should be inspected prior to and after each use to ensure it is in good operating condition. Periodically, an unanticipated incident occurs where the unit is misused in a manner that is inconsistent with standard operating practices. A partial list of potential misuses includes:

- Operating above maximum rated pressure or flow.
- Not draining and allowing water to freeze in the unit.
- Prolonged exposure to temperatures above 140°F, or below -40°F.
- Operating in a corrosive environment.
- Other misuse that might be unique to your specific environment.

Also, there are many “tell tale” signs that indicate repair is in order, such as:

- A hand wheel that is inoperable or difficult to operate.
- Excessive wear
- Poor discharge performance
- Water leaks.

If any of the above situations are encountered, the Brass Aries should be taken out of service, repaired, and tested by a qualified technician before placing back in service.

## MAINTENANCE INSTRUCTIONS:

- Periodically lubricate the grease fittings with Lubriplate Low-Temp or equivalent. Inject the lubricant until it becomes visible from the bleeder holes in the center of the swivel plugs.
- Periodically clean grit and dirt from around exterior moving parts.
- Periodically operate all functions of the monitor through it’s full travel.



ISO 9001 REGISTERED COMPANY

PHONE: 330.264.5678 or 800.228.1161 | FAX: 330.264.2944 or 800.531.7335 | [www.akronbrass.com](http://www.akronbrass.com)

Available in Canada through AKRON MANUFACTURING COMPANY

PHONE: 519.773.8431 | FAX: 519.773.3794

AB-690 (REV. 02/00)

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.

© Premier Farnell Corporation. 2000 All rights reserved. No portion of this can be reproduced without the express written consent of Premier Farnell Corporation.

**A Premier Farnell Company**