



7725 AKRON LIGHTWEIGHT APPARTUS VALVE OPERATING AND MAINTENANCE INSTRUCTIONS

PRODUCT RATING:

Maximum Pressure: 250 psi/14bar

PRODUCT WARNINGS:

- ⚠ **WARNING:** Always open and close the valve slowly to avoid water hammer.
- ⚠ **WARNING:** Ensure the threads on the valve match the threads on the hose and/or pipe connections.

PRODUCT CAUTIONS:

- ⚠ **CAUTION:** The valve is configured for optimum performance. Do not alter in any manner.
- ⚠ **CAUTION:** When installing threaded adapters always use a wrench on the adapter adjacent to the pipe being connected. **DO NOT TIGHTEN THE PIPE WITH A WRENCH ON THE VALVE BODY, OPPOSITE ADAPTER OR PIPE AT THE OTHER END OF THE VALVE.** The flange bolts are not designed to withstand the stress of tightening pipes.
- ⚠ **CAUTION:** For use with fresh water or standard firefighting 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 lubricate the ball or seats. Lubricants can collect dirt and grit, which can cause excessive wear. Water is a natural lubricant. Periodic actuation of the valve will help prevent sticking. Periodic flushing is recommended to remove dirt and debris, which may cause excessive valve wear and premature failure.
- ⚠ **CAUTION:** Your valve 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 valve is used in a manner inconsistent with standard operating practices. A partial list of potential misuses:
 - Operating above maximum rated pressure and flow.
 - Not draining and allowing water to freeze inside the valve.
 - Dropping the valve from a height where damage is incurred.
 - Prolonged exposure to temperatures over +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 indicating valve repair is in order, such as:

- Controls that are inoperable or difficult to operate.
- Excessive wear.
- Water leaks.

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

OPERATION AND INSTALLATION INSTRUCTIONS

Changing the Handle Position:

The handle position can be easily adjusted to any one of 8 positions by removing and reposition the handle. Repositioning the stop plate can make additional adjustments to the handle position.

Adapter Torque Requirements:

Torque requirement for attaching the adapters is 25-30 foot pounds. Bolts should be tightened evenly in a diagonal sequence.

Operating the Valve:

To operate the valve simply rotate the handle to the open or closed position as needed. To throttle the flow, the handle can be positioned at any point between open and closed.

FIELD SERVICE KIT

If it becomes necessary to repair a lightweight Apparatus Valve, Akron offers the Style 9138 Kit. Each kit includes a replacement ball, seats and o-rings. Refer to Technical Service Parts List for additional parts detail.

If there are any questions, please contact Akron Brass Customer Service.



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