



STYLE 2282 & 2283 GATED MANIFOLD OPERATING INSTRUCTIONS

PRODUCT RATINGS

250 PSI maximum operating pressure.

PRODUCT WARNINGS

- △ WARNING: Charge all lines slowly to facilitate a controlled water pressure build-up during start-up. Open and close all gates slowly. Rapid opening will produce a sudden surge and may cause hose lines to move violently. Rapid opening and closing can cause water hammer.
- △ WARNING: Do not use a Gated Manifold for other than its designed purpose of water flow control in standard firefighting operations.
- △ WARNING: Ensure the fittings on the pumper, match the fittings on the appliance. Mismatched fittings may allow the connections to suddenly come apart under pressure, possibly causing property damage and/or serious bodily injury.
- △ WARNING: Periodically check all connections for excessive wear. Excessively worn fittings may separate during operation.
- △ WARNING: Ensure all gates are closed prior to water flow.
- △ WARNING: Do not use this as a “step” to climb onto the truck

PRODUCT CAUTIONS

- △ CAUTION: If any tags or bands on the fittings are worn or damaged and cannot be easily read, they should be replaced.
- △ CAUTION: For use with fresh water or standard fire fighting foams only. Should not be used with salt water. After use with foam flush with fresh water.
- △ CAUTION: For firefighting use only.
- △ CAUTION: Do not over tighten the connections. In the event of a leak, replace the gaskets. Gaskets should be replaced annually.
- △ CAUTION: This product is configured for optimum performance. Do not alter in any manner.
- △ CAUTION: Do not expose the fittings to harsh chemicals. If exposed, rinse off with fresh water as soon as possible. These chemicals can weaken the parts and make the product inoperable over time.
- △ CAUTION: The Gated Manifold should be inspected prior to and after each use, to ensure that it is in good operating condition. Periodically, an unanticipated incident may occur where the fitting 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.
- Not draining, and allowing water to freeze inside the product.
- Dropping the fitting from a height where damage is incurred.
- Prolonged exposure to temperatures above +130° F, or below -25° 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 a Gated Manifold is in need of repairs, such as:

- Controls that are either inoperable or difficult to operate.
- Excessive wear.
- Poor performance.
- Swivels that are difficult to turn.
- Damaged connections.
- Water leaks.

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

OPERATING INSTRUCTIONS

1. Connect the Gated Manifold to a pumper.
2. Connect mating hose.
3. When ready to initiate flow - open the gates slowly (counter-clockwise).
4. When ready to shutdown - close the gates slowly (clockwise).

MAINTENANCE

- Under normal conditions, periodically flush the product with clean water plus clean the grit and dirt from around exterior moving parts, to allow the fitting to operate as designed.
- Over time, parts may need to be replaced. This can be accomplished by purchasing repair parts from Akron Brass. Also, use qualified maintenance mechanics or return the fitting to Akron Brass for repair.



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REV. 10/05

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.

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