



Installation, Operation & Maintenance Instructions for the PRIER Mansfield Style 408 Series Wall Hydrant

Please leave this sheet for the property homeowner

Thank you for purchasing the PRIER Mansfield Style 408 Series Wall Hydrant. Your 408 Series Wall Hydrant will provide you years of dependable service with little or no maintenance.

Installation:

Installation procedures may vary slightly depending on the seat option purchased and the installation inlet options. PRIER Mansfield Style 408 Series wall hydrants are available with the following inlet options:

408-D Style	1/2" MIP x 1/2" SWT	Bore 1" Hole
409-T Style	3/4" MIP x 1/2" FIP	Bore 1 1/8" Hole
412-F Style	3/4" MIP x 3/4" SWT	Bore 1 1/8" Hole
420-X Style	1/2" Crimp PEX	Bore 1" Hole
421-FX Style	3/4" Crimp PEX	Bore 1 1/8" Hole

1. Determine the location for the installation of the hydrant. The valve must be installed into a heated area of the structure that will not drop below freezing. Ensure there is adequate work room in the interior of the structure for securing the hydrant to the plumbing piping. Bore the hole size listed above through the wall in the desired position for the installation.
2. All freezeless wall hydrants require a slight downward pitch to aid the draining process of the hydrant once the product is turned to the "off" position. PRIER has included an appropriate siding wedge to install behind the wall flange of the hydrant. This ensures proper drainage pitch results after installation.
3. Position the spout of the hydrant in the downward position. From the interior of the structure, utilize the spout aligning mark on the seat. When the mark is pointed down, the spout is oriented in the proper position on the outside of the structure.
4. If you are planning to solder the connection (408 or 412 style seats), be certain the hydrant is in the fully open position to prevent seat damage from the heat.
5. Connect the water supply piping to the freezeless wall hydrant as desired. With a closed-end hose on the valve creating back pressure, test the installation for leakage.
6. After the water supply connection is made, secure the hydrant to the structure using appropriate screws through the two mounting holes on the casted back flange and siding wedge.

Operation:

Operation of the PRIER Mansfield Style 408 Series Wall Hydrant is a simple process. Water flows through the hydrant after turning the handle counter-clockwise to the "on" position. Turn off the hydrant by turning the handle clockwise to the "off" position.

The hydrant will drain for a few moments. If the dripping persists after a few moments, tighten the handle slightly until the dripping stops. Be careful not to overtighten the hydrant.

The 408 Series incorporates an internal atmospheric anti-siphon vacuum breaker that, in the rare occurrence of a back siphonage, opens to the atmosphere preventing contamination of the water supply. If a backflow condition occurs, the valve automatically relieves the backpressure by draining the valve through the stem under the handle. This valve is not recommended for continuous service.

ALWAYS REMOVE HOSE DURING FREEZING TEMPERATURES
INTENDED FOR IRRIGATION USE AND OUTDOOR WATERING

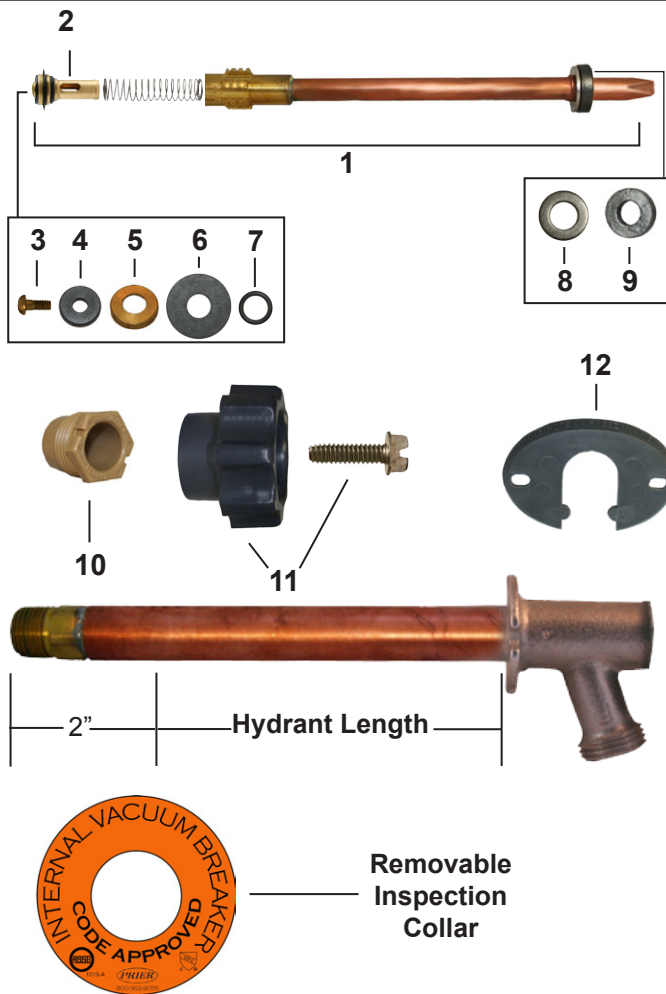
Maintenance:

The PRIER Mansfield Style 408 Series Wall Hydrant leaves the factory fully air tested and operational. It is treated with an FDA approved lubrication. The hydrant requires no scheduled maintenance to provide long life.



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Replacement Parts



ID	Part No.	Description
1	See Below	Stem Assembly Contains: 1, 2, 3, 4, 5, 6, 7, 8, 9
2	231-3201	BFP Assembly
3	910-3008	Bibb Screw (Brass)
4	936-3012	Bibb Washer (Rubber)
5	310-3016	Cage Washer (Brass)
6	936-3011	BFP Washer (Rubber)
7	936-3002	Stem End O-Ring (Rubber)
8	324-1006	Washer (Stainless Steel)
9	339-3002	Packing for Left Hand Packing Nut (Graphite)
10	337-3001	Left Hand Thread Packing Nut (Plastic)
	630-7965	Handle & Screw Kit (Grey Plastic Handle & Stainless Steel Screw)
	630-7965	Handle & Screw Kit (Beige Plastic Handle & Stainless Steel Screw)
12	337-3012	Space Wedge (Grey, Plastic)
	337-3013	Space Wedge (Beige, Plastic)
	630-7755	Service Kit for 300/400/500 Series Contains: 3, 4, 5, 6, 7, 8, 9, 10

*The 630-7755 Wall Hydrant Repair Kit includes parts for the 300, 400 and 500 Series hydrants, some of which are not pictured here. When repairing a hydrant you will have parts left over.

Replacement Stems



Part No.	Description	Stem Length
M-123-4090	Stem for 4" 400 Series Hydrant	8" OAL
M-123-4092	Stem for 6" 400 Series Hydrant	10" OAL
M-123-4093	Stem for 8" 400 Series Hydrant	12" OAL
M-123-4094	Stem for 10" 400 Series Hydrant	14" OAL
M-123-4095	Stem for 12" 400 Series Hydrant	16" OAL
M-123-4096	Stem for 14" 400 Series Hydrant	18" OAL

**400 Series stems are made to fit the 400, 408 and 400-LF Series Wall Hydrants only. They are not interchangeable with any other models. For parts for Mansfield style anti-siphon hydrants made prior to 2007, see the retired 500 Series spec sheet.