



Build With Purpose

Installation, Operation & Maintenance Instructions for the PRIER P-154/P-254 Series Freezeless Wall Hydrant

Please leave this sheet for the property homeowner

Thank you for purchasing the PRIER P-154/254 Diamond Series Freezeless Wall Hydrant, the finest quality freezeless wall hydrant available. Your P-154/254 will provide you years of dependable service with little or no maintenance.

INSTALLATION

Installation procedures may vary slightly depending on the seat option purchased. PRIER freezeless wall hydrants are available with the following inlet options:

Inlet Style	Inlet Specifications	Hole Size
D Style	1/2" MPT x 1/2" SWT	1" Hole
T Style	3/4" MPT x 1/2" FPT	1 1/8" Hole
C Style	1/2" CPVC	1" Hole
F Style	3/4" SWT	1 1/8" Hole
G Style	1/2" SharkBite Push-Fit	1 1/8" Hole
Y Style	1/2" Press-Fit	1" Hole
X Style	1/2" Crimp PEX	1" Hole
W Style	1/2" Wirsbo® PEX	1" Hole
FX Style	3/4" Crimp PEX	1 1/8" Hole
FW Style	3/4" Wirsbo® PEX	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 machined an appropriate pitch into the casted backflange to assist and ensure that a 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 near the inlet. 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 (D, S or F style seats), be certain the hydrant is in the fully open position to prevent seat damage from the heat. If you are installing using a threaded connection, hand tighten until valve is snug, then tighten up to one full turn to orient spout in the proper direction. If needed, use an adjustable wrench on the hex flats of the inlet. Do not use pipe wrench and do not overtighten.
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 and no leaks are detected, secure the hydrant to the structure using appropriate screws through the two mounting holes on the casted back flange.



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OPERATION

Operation of the P-154/254 Diamond Series Freezeless Wall Hydrant is a simple process. Water flows through the hydrant after turning the handle (or operating key for the P-254 style) 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.

This ASSE 1019 device shall not be subjected to more than 12 hours of continuous water pressure.

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

MAINTENANCE

The PRIER P-154/254 Diamond Series Freezeless Wall Hydrant leaves the factory fully air tested and operational. It is treated with an FDA approved lubrication. Any maintenance required to wear components such as rubber seals can be accomplished from the outside with standard tools by removing the handle and valve stem cap.