Installation, Operation & Maintenance Instructions for the PRIER C-144/244 Diamond Series Freezeless Wall Hydrant

Build With Purpose

Please leave this sheet for the property homeowner

Thank you for purchasing the PRIER C-144/244 Diamond Series Freezeless Wall Hydrant, the finest quality freezeless wall hydrant available. Your C-144/244 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 freezeless wall hydrants are available with the following inlet options:

Inlet Style	Inlet Specifications	Hole Size
D	1/2” MPT x 1/2” SWT	**1” Hole**
X	1/2” Crimp PEX	**1” Hole**
W	1/2” Wirsbo® PEX	**1” Hole**
C	1/2” CPVC	**1” Hole**
T	3/4” MPT x 1/2” FPT	**1 1/8” Hole**
F	3/4” SWT	**1 1/8” Hole**
G	1/2” SharkBite Push-Fit	**1” Hole**
Y	1/2” Press-Fit	**1” Hole**
FX	3/4” Crimp PEX	**1 1/8” Hole**
FW	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 won’t 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 back-flange 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 date code on the copper pipe near the inlet. When the code 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 adapter, hand tighten until valve is snug, then orient spout in the proper direction. Use a strap wrench if necessary. 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, 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 C-144/244 Diamond Series Freezeless Wall Hydrant is a simple process. Water flows through the hydrant after turning the handle (or operating key for the C-244 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.

The C-144/244 incorporates an integral atmospheric anti-siphon vacuum breaker that, in the rare occurrence of a back siphonage, opens to the atmosphere preventing contamination of the water supply.

As well as an atmospheric vacuum breaker, the C-144/244 incorporates a backflow preventer that operates as a check valve in the rare case that water is forced backwards into the valve. The backflow preventer has been tested to 125 PSI pressure.

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

MAINTENANCE

The PRIER C-144/244 series freezeless 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.