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Installation, Operation & Maintenance Instructions for C-144 / C-244 Series Freezeless Wall Hydrants

C144D08 ✔

Thank you for purchasing the Prier C-144 / C-244, the finest quality Freezeless Wall Hydrant available. Your C-144 / C-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 in the following seat options:

D Style	1/2" MPT x 1/2" Female Sweat
F Style	3/4" Female Sweat
T Style	3/4" MPT x 1/2" FPT
X Style	1/2" Pex Adapter

1. Determine the location for installation of the Freezeless Wall Hydrant. Be assured there is adequate work room in the interior of the structure for securing the Freezeless Wall Hydrant to the plumbing piping. Bore a 1 $^{1}/_{8}$" Diameter hole through the wall in the desired position for the installation of the Freezeless Wall Hydrant.

2. All Freezeless Wall Hydrants require a slight downward pitch to aid on the draining of the hydrant once the product is turned to the "off" position. Prier has machined an appropriate pitch into the casted backflange to assist & help assure that a proper drainage pitch results after installation

3. Position the spout of the Freezeless Wall Hydrant in the downward position. From the interior of the structure utilize the spout aligning lug of the seat of the Freezeless Wall Hydrant. When the lug is pointed down, the spout is oriented in the proper position on the outside of the structure.

4. If planning to solder the connection (D or F Style Seats) to prevent seat damage from heat, be certain the Freezeless Wall Hydrant is in the fully open position. Overheating could cause internal damage to the Freezeless Wall Hydrant

5. Connect the water supply piping to the Freezeless Wall Hydrant as desired.

6. After the water supply connection is made, secure the Freezeless Wall Hydrant to the structure using appropriate fasteners drive of screwed into the structure through the two mounting holes on the casted back flange.

Operation:

Operation of the C-144 / C-244 Freezeless Wall Hydrant is a simple process. Water flows through the Freezeless Wall Hydrant after turning the handle (or operating key of C-244 Style) in the counter-clockwise "on" or "open" direction. Turn off the Freezeless Wall Hydrant, turn the handle in the clockwise "off" or "closed" direction.

The Freezeless Wall Hydrant will drain for a few moments (the Freezeless Hydrant shuts off inside the structure). If a few moments after shutoff the dripping persists, close the valve more tightly by turning the handle more tighter. Be careful not to overtighten the valve.

The Prier C-144 / C-244 Freezeless Wall Hydrant 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 Freezeless Wall Hydrant incorporates a backflow preventor that operates as a check valve in the rare case that water is forced backwards, into the valve. The Backflow Preventor has been tested to 125 PSI pressure.

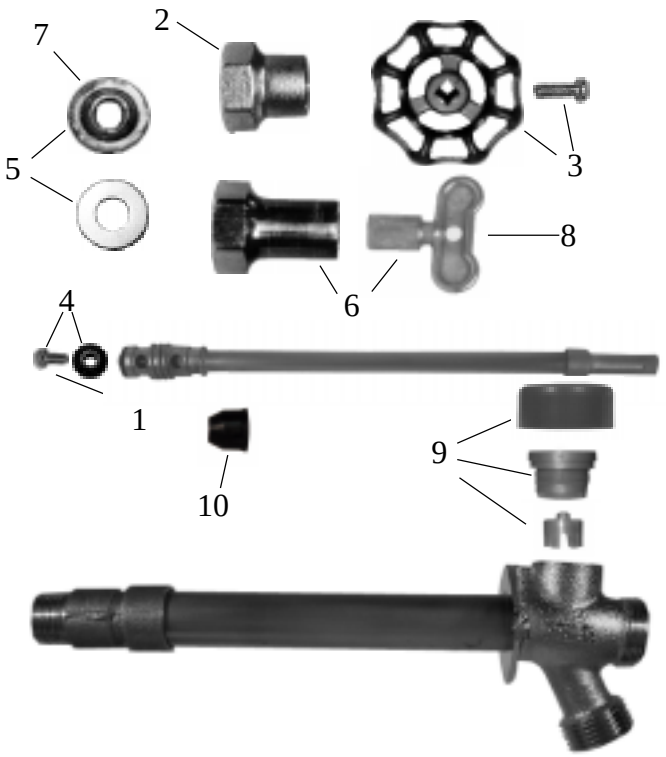
To prevent damage to the hydrant, during freezing weather, remove any attached hose that may trap water inside the valve! The trapped water will freeze, expand and damage the hydrant!

Maintenance:

The Prier C-144 / C-244 Freezeless Wall Hydrant leaves the factory fully air tested and operational. It is treated with an FDA approved lubrication.

The Prier C-144 / C-244 Freezeless Wall Hydrant requires no scheduled maintenance to provide long life.

Parts for C-144/244 Freezeless Wall Hydrants



ID	Part No.	Description
1,4	Stem Assembly	See Chart Below
2	300-1008	Valve Stem Cap
3	C-134KT-805	Oval Handle & Screw Kit
4	C-134KT-802	Seat Washer (OO Beveled) Replacement Kit
5	C-134KT-803	Stem Packing Replacement Kit
5,6	C-134KT-804	Loose Key Conversion Kit
7	390-1001	Stem Packing Only
8	325-0001	Oval Style Loose Key Only
9	C-144KT-806	Vacuum Breaker Replacement Kit
10	336-0001	Backflow Check Valve for C-144
3,4,5, 9,10	C-144KT-807	C-144 Overhaul Kit

Replacement Stems for C-144 / C-244

Part No	Style	Description
231-02CC	E	Close Coupled E Style Stem for C-144 5 1/16" OAL
231-0204	E	4" E Style Stem for C-144 7 9/16" OAL
231-0206	E	6" E Style Stem for C-144 9 9/16" OAL
231-0208	E	8" E Style Stem for C-144 11 9/16" OAL
231-0210	E	10" E Style Stem for C-144 13 9/16" OAL
231-0212	E	12" E Style Stem for C-144 15 9/16" OAL
231-0214	E	14" E Style Stem for C-144 17 9/16" OAL
231-0218	E	18" E Style Stem for C-144 21 9/16" OAL
231-0224	E	24" E Style Stem for C-144 27 9/16" OAL
231-02US	E	Universal Stem for E Style C-144