

## Sanitary ADA Yard Hydrant Installation Instructions

Freeze Flow hydrants are designed for heavy-duty commercial use where safe potable water is needed. This hydrant drains into the canister below the frost line to prevent freeze ups and cross contamination with the soil bacteria

### INSTALLATION

- 1.) Hydrant canister must be placed below existing frost line. Fig.1
- 2.) No ground preparation is required for the Freeze Flow Sanitary Yard Hydrant; therefore it can be placed in any soil condition. Hydrant canister is stainless steel and pipes are all galvanized steel, which meet ASTM specs. It is the responsibility of the installer to know his/her soil condition and to ensure that proper corrosion protection is administered to the hydrant. The application of paint or rubber tape may be needed to protect against some soil conditions.
- 3.) Flush supply lines BEFORE installing hydrant.
- 4.) Attach hydrant to existing supply line using an approved thread sealant.
- 5.) BEFORE back filling with soil, make sure shut off valve does not leak due to debris in supply line or damaged o-ring. A leaking seat can cause hydrant to fill with water and possibly freeze.

Do the following:

- Remove backflow preventer at quick disconnect (Figure 2)
- Operate hydrant at partial flow with thumb over outlet until the water pressure forces past thumb. (Figure 3).
- At this point shut off hydrant.

[ With hydrant full of water it is easier to detect if hydrant is leaking.

Hydrant should not drip from outlet once hydrant is full of water. ]

- If hydrant leaks from outlet, remove operating rod and replace o-ring on stopper tip. (Figure 4)
- 6.) If no leaks are detected then replace backflow preventer and proceed to back fill hydrant with soil.

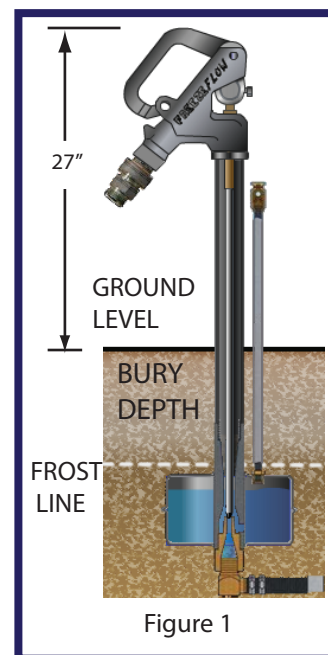


Figure 1



Figure 2

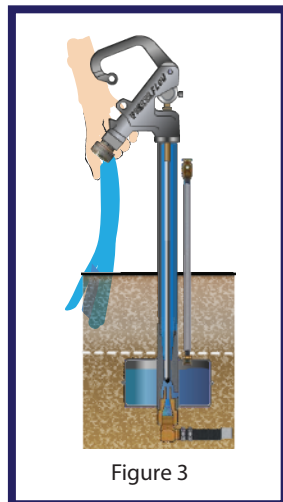


Figure 3

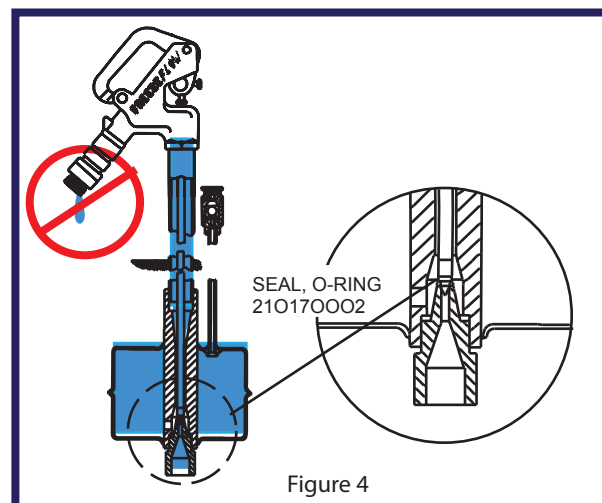


Figure 4

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## Sanitary ADA Yard Hydrant Operation and Maintenance Instructions

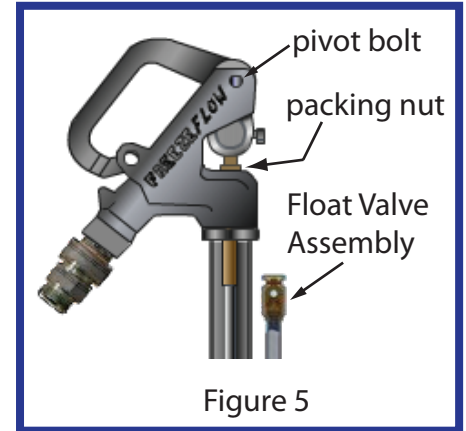
### OPERATION AND MAINTENANCE

#### 1.) **Packing Nut Leak**

Hydrant is designed to use clean water at 20 psi to 100 psi. Should leakage occur at packing nut, simply tighten nut until leakage stops. If tightening nut does not stop leakage, remove nut and replace packing. Figure 3

#### 2.) **To Change Seal, O-ring**

- Remove Pivot Bolt and loosen packing nut (Figure 5)
- Lift out operating rod and change o-ring seal on tip.
- Replace operating rod and Pivot Bolt, tighten packing nut.
- Adjust handle.



#### 3.) **Leakage from float valve**

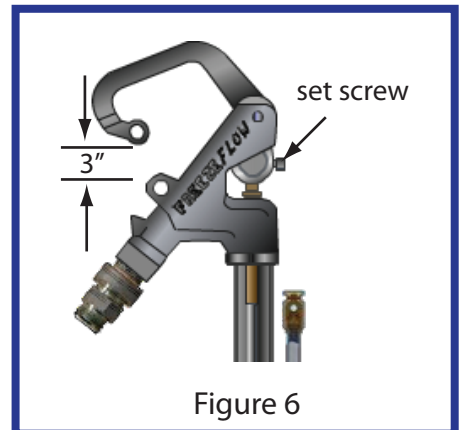
Leakage from float valve is typically due to not flushing supply lines properly.

- To clean, unscrew Hex Cap from round base.
- Remove ball and o-ring.
- Replace ball and o-ring after cleaning.
- Reassemble Float Valve.

#### 4.) **ADA Handle Operating Rod Adjustment**

Adjust operating rod by doing the following: Figure 6

- Turn off water supply
- Loosen square set screw
- Lift handle to slide connector up brass operating rod
- Hand tighten square set screw so it will drag across brass rod extension when handle is lowered.
- Lower handle until approximately 3 inches before handle completely closes.
- Tighten set screw 3 inches before handle completely closes.
- Perform leak test according to item #5 in Installation above. Hydrant operating rod is properly adjusted when no leaks are detected from outlet.

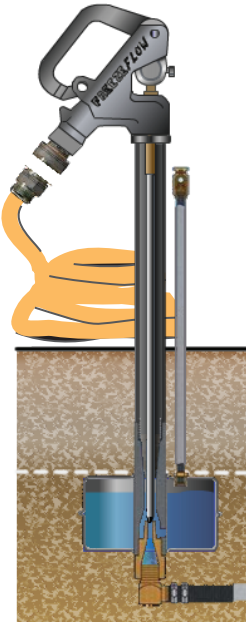


- 5.) To prevent unauthorized use, hydrant handle can be padlocked to head casting using locator holes provided.
- 6.) NOTE: If the hydrant has not been used for a long period of time, it is advisable to flush the hydrant for 60 seconds when the water is used for drinking.

## Sanitary ADA Yard Hydrant Winterizing Instructions

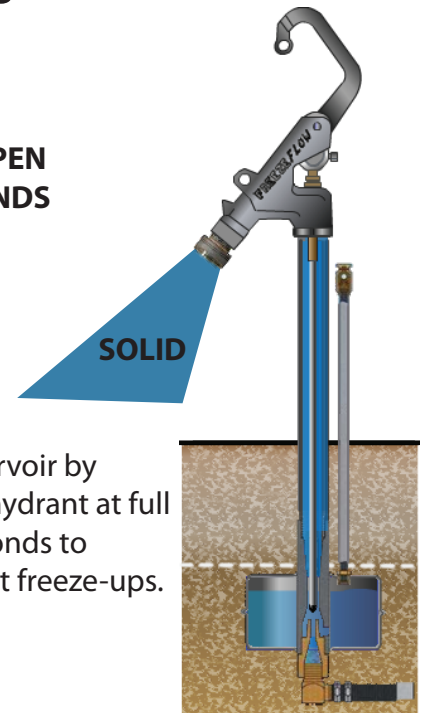
### 1.) NO RESTRICTIONS, REMOVE HOSE AND BACKFLOW PREVENTER IF USED

To prevent freezing during the winter months, it is essential that the hydrant reservoir be evacuated to ensure proper drainage of the standpipe. Any restriction downstream of the factory supplied hose bib will prevent the hydrant reservoir from emptying. Therefore, for winter use, remove the hose and back-flow preventer, if used, using the quick disconnect supplied.



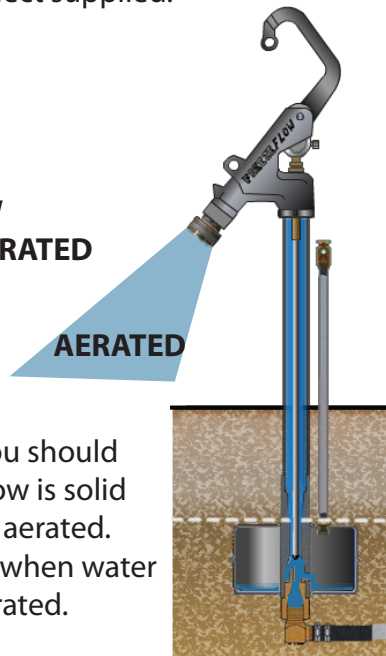
### 2.) FULLY OPEN 30 SECONDS

Empty the reservoir by operating the hydrant at full flow for 30 seconds to prevent hydrant freeze-ups.



### 3.) WATER FLOW BECOMES AERATED

During this time you should notice the water flow is solid and then becomes aerated. Reservoir is empty when water exiting outlet is aerated.



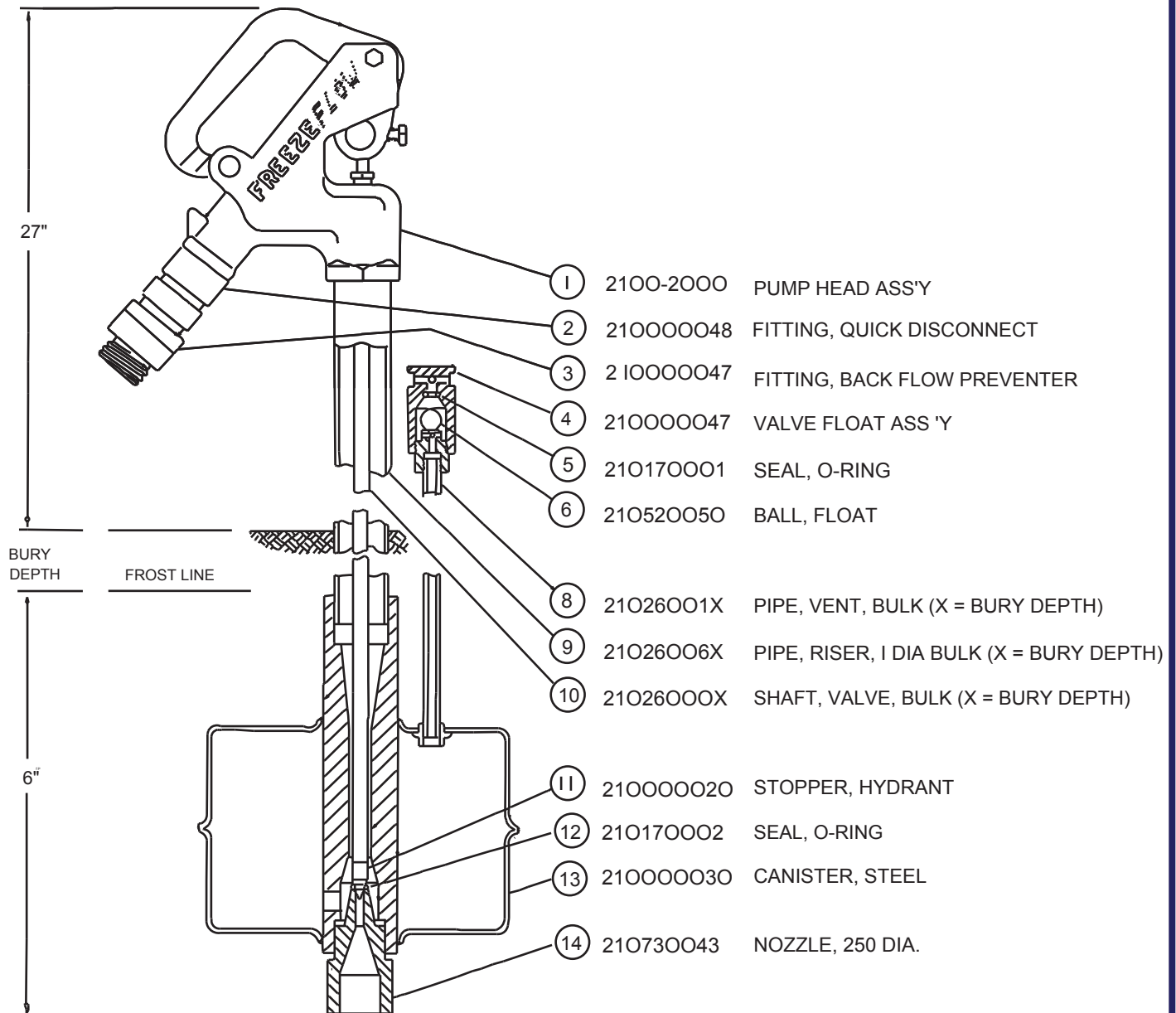
### 4.) FINISHED, SHUT OFF HYDRANT

Shutting off hydrant at this point will permit the water in the standpipe to drain back into the empty reservoir.



More Winterizing information is available at [www.freezeeflow.com](http://www.freezeeflow.com)

## Sanitary ADA Yard Hydrant Parts Diagram



Patent# 4,854,339 5,033,500 other patents pending

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Hoeptner Products

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All returns must be authorized in advance and be issued a Return Authorization Number - please call or e-mail us before sending returns. Returns sent to us without prior authorization will be refused delivery.

## **IMPLIED WARRANTY**

There is no warranty other than the Manufacture's Limited One Year Warranty.

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