PRIER

Build With Purpose

Installation, Operation & Maintenance Instructions for the PRIER P-260 Ground Hydrant

Please leave this sheet for the property homeowner

INSTALLATION

1. Flush water line to wash out any foreign particles prior to installation.
2. Dig hole 1 foot beyond required bury depth (example: for a 5' bury hydrant, dig 6' hole).
3. Install a large stone or block under the supply line to prevent sagging and damage to the supply line.
4. Tie into water line and connect bury hydrant, 3/4" FPT. A 1/8" brass nipple and 90 degree elbow can be installed in the waste hole and pointed down to help prevent blocking of the hole.
5. Prior to burying the hydrant, check for proper operation. Raise the lever; water should not run through the hydrant until the lever passes the halfway point or horizontal position. When closing the hydrant, the water flow should shut off when the lever is halfway down. The last half of lever travel in closing the hydrant opens the drain hole. Make sure water runs out the drain hole.
6. Fill bottom 18" of hole with gravel for proper drainage. A few tiles can be laid to form a field system for the drain.
   *DO NOT USE SAND OR OTHER FILL AS THE HYDRANT WILL NOT DRAIN.
7. Make sure the hydrant is oriented vertically. Fill the balance of the hole with earth to grade.

SERVICE INSTRUCTIONS

Unlike virtually all the other products available, PRIER's P-260 is fully maintainable without removing the cast iron head from the galvanized pipe.

STEM TRAVEL ADJUSTMENT

If the hydrant isn't draining properly or water leaks out of the top of the head as the hydrant is opened, the stem may need to be lengthened.

1. Turn off water to the hydrant.
2. Take the handle bolt out of the head casting and remove the handle and draw straps.
3. The pivot connector that is attached to the operating stem is the adjustment mechanism. To lower the plunger, turn the pivot connector counter-clockwise 180 degrees. Turning the pivot connector counter-clockwise lengthens the stem so when the hydrant is shut off, the plunger will be in a lower position. Reinstall drawstraps and handle and test as described in Step #5 above.

STEM REMOVAL

If water leaks out the top of the head during operation or the hydrant does not shut off when closed, it may be necessary to remove the stem to examine the seals for wear.

1. Turn off water to the hydrant.
2. Raise the hydrant handle to pull the stem up as far as possible.
3. Unscrew the brass valve stem cap on top of the head such that it is loose under the pivot connector. Be careful not to rotate the pivot connector as that will alter the stem length as described above.
4. Remove bolt that holds the handle to the head, remove the handle and draw straps.
5. Pull up on the pivot connector to remove the operating stem assembly.
6. The stopper and sealing o-ring can be replaced by using the PRIER P-260KT-802 stopper kit. Whenever the stem is removed, it is recommended you replace the sealing o-ring.
7. Lubricate o-ring and stopper with plumbers grease and reinstall stem in valve.
8. Screw the valve stem cap back onto the top of the head along with the stainless steel washer and rubber packing between the cap and head. Hand tighten. This stem cap should not be overtightened,
9. Replace the straps, handle and bolt.
10. Turn on water and test hydrant for leaks and proper operation.

SPRAYBACK FROM VALVE STEM CAP

If water sprays out or leaks from the valve stem cap as the hydrant is closed with a pressurized hose attached to the outlet, verify the backflow preventer is installed inside the hose piece. If not, install new one by pushing it into the outlet until it snaps in place.