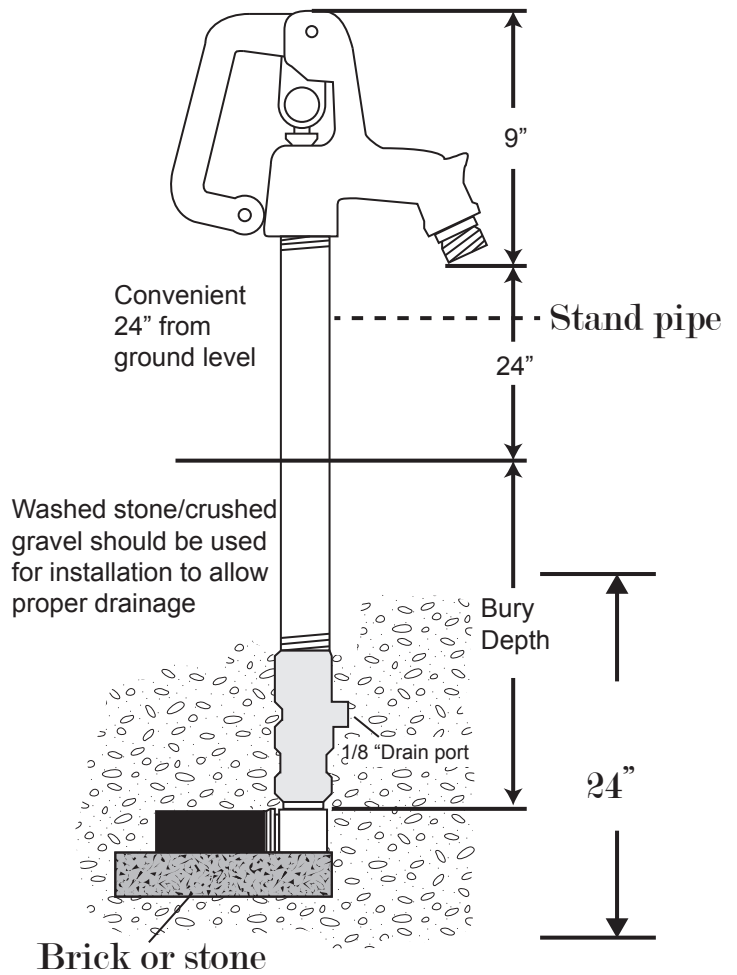


Installation Instructions

1. First be sure the water line on which the hydrant is to be installed has been thoroughly flushed to wash out any sand or foreign particles. BII will not warrant or accept any responsibility if the water line is not flushed out prior to attachment of the hydrant.
2. Prepare a hole that is approximately 2 feet in diameter and below the frost line. It is a good idea to put a brick or large stone under the hydrant; this will prevent the hydrant from settling.
3. Be sure that the hydrant valve body is installed below the frost line. Be sure to put a sufficient quantity of gravel, crushed rock or some coarse material around and above the drain of the hydrant, this will prevent proper drainage.
4. Connect hydrant to water line using appropriate fittings (9series YH07, 3/4" MPT fittings & series YH10, 1" MPT fittings), elbows and tees are available (see back page). When tightening the fitting, be sure to hold the valve body with a pipe wrench to ensure it does not screw further into the hydrant stand pipe, this would change the factory adjustment of the plunger.

IMPORTANT: DO NOT BACKFILL HOLE UNTIL ALL TESTS HAVE BEEN SUCCESSFULLY PERFORMED.

Turn on the hydrant by raising the handle to let the water flow slowly close the hydrant, the water should drain out of the 1/8" drain port. If the hydrant is not working properly, refer to the adjustment section below. Place about 2 feet of crushed stone or gravel in the bottom of the hole and fill it with dirt. **BII will not accept any responsibility for digging up the hydrant if the installer fails to flush line and check for proper operation before backfilling**



Adjustment

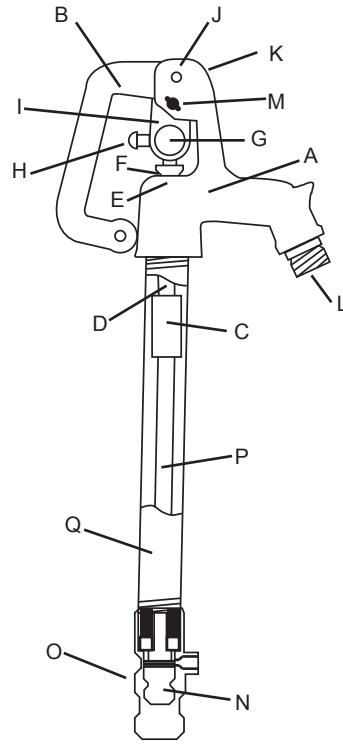
If hydrant will not shut off completely, the plunger (O) in the bottom of the hydrant can be lowered by raising the point of contact of the square head set screw (H) on the operating rod (D).

Cautions

- #1 The Brass Packing Nut (F) located on the head (A) of the BII Hydrant has been factory adjusted. If leakage should occur it may be necessary to slightly tighten the Brass Packing Nut (F). Do not over tighten Brass Packing Nut (F), damage may occur to inner o-rings (E).
- #2 Do not leave hose attached to hose bibb in freezing temperatures as it may prevent proper drainage of the shut-off valve.
- #3 If required, only place wrench on valve body (O), do not place on galvanized pipe, as it will damage the protective coating.
- #4 If the hose is attached to the hose bibb of the hydrant when the hydrant is shut off, back siphoning can occur if end of hose is left in container of liquid. The end of hose must be left open to the air so the hydrant can drain back.
- #5 In the event that the hydrant head (A) must be removed to replace a plunger (N), **DO NOT** place a pipe wrench on the galvanized stand pipe (Q), it will cause damage to the factory setting. To prevent the galvanized stand pipe (Q) from turning, use a strap wrench; this should also be followed if tightening the valve body (O).

PARTS LIST

Description	
A	Cast Iron Head Casting
B	Cast Iron Lever Casting
C	Coupling
D	Stainless Steel Operation Rod
E	Nitrile Buna-N O-Ring (2)
F	Brass Packing Nut
G	Zinc Plated Steel Pivot Connector
H	Stainless Steel Set Screw
I	Zinc Plated Steel Draw Strap (2)
J	Stainless Steel Lever Bolt & Locking Nut
K	Nylon Locking Nut
L	Brass Hose Bibb Adapter
M	Stainless Steel Wing Nut
N	Brass & Buna-N Plunger assembly
O	3/4" Bronze Valve Body
O	1" Bronze Valve Body
P	3/8" Rod
Q	1" Galvanized Steel Pipe



NOTE: In the event that the plunger (N) needs changing, loosen set screw (H), place wrench on the hydrant head (A) and unscrew. Place vise-grips on connecting rod (P) and pull rod and plunger out of valve body. Replace with new plunger and re-assemble unit. Re-set operating rod and tighten set screw.