

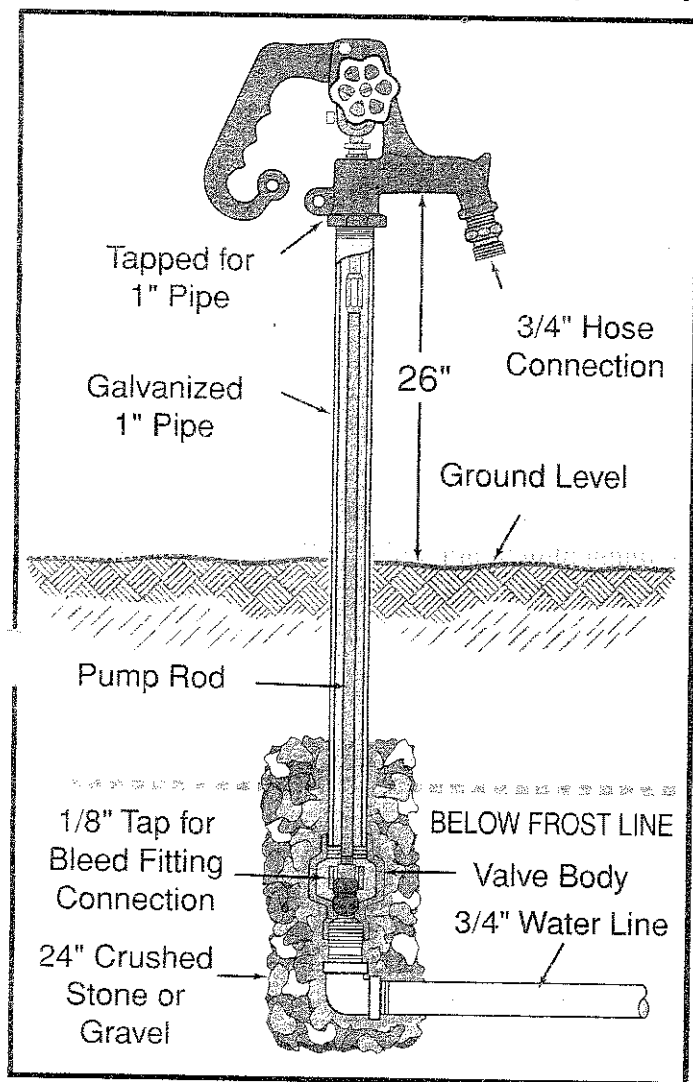
# INSTRUCTIONS

# Simmons

## FROST-PROOF YARD HYDRANT

MODEL NOS.

800, 801, 802, 803, 804, 805, 806, 807, 808



The Frost-Proof Yard Hydrant provides running water for lawn and garden, livestock, and fire protection all year even in sub-zero temperatures. The shut-off valve operates below the frost line, preventing the hydrant from freezing. When the valve is closed, all water in the standpipe drains out of a hole in the valve which is in the ground below the frost line. Hydrant spout operates at a convenient height (26 inches) from the ground level. The Brass Adapter (No. 8828) is threaded for 3/4-inch hose. Hydrant can be easily installed anywhere water is supplied under pressure. Check local codes prior to installation.

### INSTALLATION

Select location (an existing water pipe under pressure and below frost line). Dig hole about 2 feet in diameter to below frost line. (As far north as St. Paul, Minn., below frost line should be about 6 feet; as far north as Chicago, Illinois, 5 feet; as far north as St. Louis, Mo., 4 feet.) Insert hydrant and connect to water line using the necessary pipe and fittings required for your installation. Hydrant is tapped for 3/4-inch supply pipe. Drain hole in valve is also tapped for use with 1/8" fitting to drain water into pit. (See Fig. 1.) Put about 2 feet of crushed stone or gravel in to bottom of hole. Then fill with dirt.

### SPECIAL INSTRUCTIONS

If hydrant will not shut off completely, the plunger in the bottom of the hydrant can be lowered by raising the point of contact of the square head set screw on the brass rod. This can be done by loosening the square head set screw, raising the handle slightly, and while holding the handle in the raised position re-setting the set screw.

The Brass Packing Nut located on the head of the Simmons Frost-Proof Yard Hydrant has been factory adjusted. If leakage around the rod should occur upon installation or after usage, you may find it necessary to slightly tighten the Brass Packing Nut. "CAUTION": Do not overtighten Brass Packing Nut. Damage will occur to inner O rings.

"CAUTION": Do not leave hose attached in freezing temperatures as it may prevent proper drainage of the shut-off valve.

### INSTRUCTIONS FOR ASSEMBLY OF DETACHABLE WATER "FLOW LOCK" WHEEL

Remove wheel and stem attached to hydrant head and insert in threaded hole on the side of hydrant head. Handle may be locked in any position by tightening wheel.

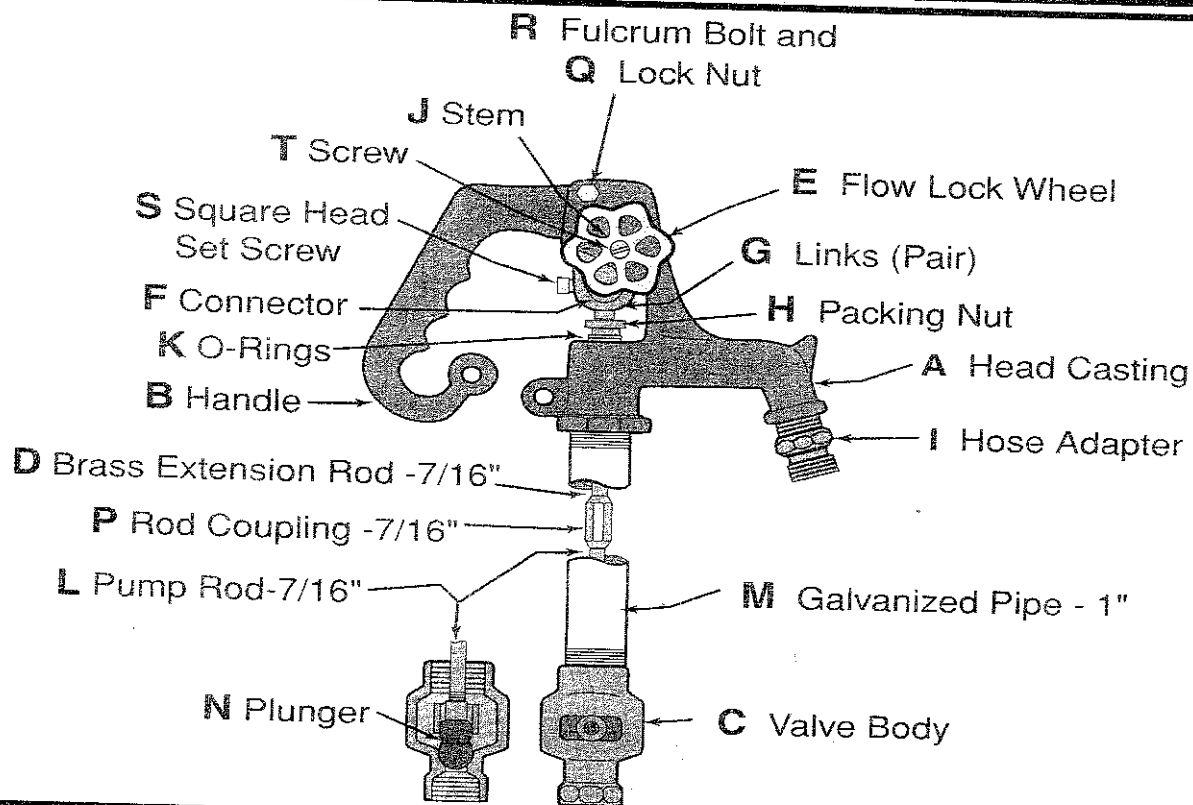
To prevent unauthorized use, handle can be padlocked by inserting padlock into holes provided in handle and head.



## Simmons Manufacturing Company

P.O. Box 1509

McDonough, Georgia 30253  
USA



## REPLACEMENT PARTS

REFERENCE LETTER	NAME OF PART	PART NUMBER	SHIPPING WEIGHT	
			LBS.	OZ.
A	Head	8820	4	
B	Handle	8821	1	
C	Valve Body	8822	1	6
D	Brass Extension	8823		5
E	Wheel, Hand	8824		1
F	Connector	8825*		4
G	Links, Pair	8826*		3
H	Packing Nut	8847*		1
I	Brass Hose Adapter	8828		3
J	Stem, Square Head	8829		1
K	O-Ring, Pair	8839*		
L	Pump Rod, 7/16	8814		
M	Galv. Pipe Casing, 1"	8815		
N	Plunger (one piece)	8833*		3
P	Rod Coupling, 7/16	8834		2
Q	S. S. Lock Nut	8301*		1
R	S.S. Fulcrum Bolt	8836*		1
S	Set Screw (Sq. Hd.)	8837*		1
T	Screw for Wheel	8610		1

\*INCLUDED IN PARTS KIT NO. 850

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