

INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

NON-FREEZE POST HYDRANTS

FIG. 5900 SERIES

INSTALLATION

- A. All Jay R. Smith Hydrants are complete factory assembled units. DO NOT ATTEMPT TO REMOVE HEAD OR HOUSING.
- B. When connecting Hydrant to piping, be sure that a wrench is securely affixed to the hex on the valve housing. This will avoid putting undue stress on the sweat connections at casing, housing and head.
- C. The valve housing must be buried in gravel below frost line for area where it is installed.

OPERATION

- A. This hydrant is specially lubricated to ensure easy opening and closing action.
- B. DO NOT USE EXCESSIVE FORCE TO TURN OFF HYDRANT.
- C. When opening Hydrant, key must be turned at least one and one-half turns. This moves the double "O" ring into position to seal drain hole and allows water to flow through the bypass to the hose connection, rather than drain out the hole in the valve housing. When plunger is in closed position, "O" ring clears the drain hole and allows water to drain from casing into ground. This makes the Hydrant Non-Freeze.
- D. For Hydrants with Vacuum Breakers: Vacuum Breaker must be disengaged (see instructions on Vacuum Breaker) for proper drainage. This will prevent freezing when exposed to low temperatures.

MAINTENANCE

- A. All Smith Hydrants are carefully assembled, individually tested and inspected before shipping. This, combined with proper use and maintenance, will ensure long and trouble free service.
- B. All Internal working parts are easily accessible through the face of Hydrant. By unscrewing the face nut the entire operating assembly can be removed. Worn "O" rings can be replaced and operating parts checked when assembly is removed.
- C. Seat in 5910 and 5911 valve housing may be removed by using a 3/8" square rod if replacement is ever required.
- D. For replacement parts for 5910 and 5911 use Hydrant Parts Repair Kit-4. For replacement parts for 5912, 5913 and 5914 use Hydrant Parts Repair Kit-5.



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