

THERMALINE WATER CONNECTOR TROUBLESHOOTING AND MAINTENANCE

Packing leak. Water leaks from around the brass stem when the hydrant is on.

The packing nut will occasionally need to be tightened to stop a packing leak. Tighten the packing nut until snug and the leak stops. Persistent leaks will require a new packing (80008).

Water leaks from the outlet when the hydrant is off.

The plunger (85015) may be worn or damaged and needs to be replaced. Follow instructions below on how to remove the operating pipe.

If the hydrant leaks just after installation, the valve seat may be fouled with debris, such as small rocks. The operating rod will have to be removed and the hydrant casing flushed.

Water leaks from the top of the stem when the hydrant is on.

Either the heater well, heater well thumb nut or heater well washer is missing. Or the heater well has a hole or split.

Hydrant leaks from below the ground level when the hydrant is on.

A leak may be the result of a hole in the pipe casing caused by electrolysis corrosion. Some soil conditions can cause premature failure of the pipe casing near the valve body. Brass pipe is recommended for these conditions.

Operating pipe removal.

To remove the operating pipe from the hydrant, shut off the water supply to the hydrant and remove the heater, heater well thumbnut, handle and heater well. Turn the stem clockwise until it is seated, but not overly tight. Loosen and turn the head nut assembly counterclockwise while turning the operating stem clockwise until the threads disengage from the head casting. With the stem **YARD** screw engaged in the yoke nut, pry up until the plunger pulls loose from the valve seat

To reinstall the operating pipe, unthread the rod from the head nut assembly and push the operating rod into the hydrant. The wing on the yoke nut goes in the groove inside the head. Start the stem screw thread into the yoke nut and turn the stem counterclockwise until it the head nut threads can be engaged in the head. Thread the head nut assembly into the head clockwise while turning the operating stem counterclockwise. Reinstall the heater well and heater.