

Proper Winterization of Pump and Meter Systems

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Flush system at maximum meter flow rate for the period of one minute using clean water. After flushing, drain water from system.

Pump a solution of 50% water and 50% antifreeze or 100% RV antifreeze into the entire system.

Also, do not use diesel fuel or kerosene. Anti-freeze will mix with chemicals, water, and fertilizer residue that still remains after draining and flushing. Diesel fuel and kerosene will not mix with these liquids, and meters may lock up or corrode, and the separated water may freeze and crack the housing.

While the pump is filling the system with anti-freeze/water solution, close the delivery valve on the discharge side of the meter. Then close the valve on the suction side of the pump while it is still running to ensure that the system is full. Turn pump off. System is now ready for storage.

***To ensure proper accuracy of system, always shut off delivery hose valve before shutting off system.**

SCIENCO PH6 & DD6 SYSTEMS

*For warranty assistance on the PH6, please call FlowServe at 800-343-7867 ext 2.

Winterization

For prolonged periods of storage, the pump, meter, and hose should be flushed with a water-antifreeze mixture (1:1). The mixture can be poured into a container and circulation of the mixture is best accomplished by placing the discharge hose back into the container. Five minutes of circulating is sufficient and then the rinsate should be drained from all components. The discharge elbow, flow meter, and hose can be removed, plugged, and stored in a dry location.

WARNING: Do not store the pump or meter with water in the cavities and do not winterize with diesel fuel or any petroleum products.

Tank Vent Maintenance

The 748A tank vents take minimal maintenance, however they should be checked every season before use to assure all parts are working. Both pressure and vacuum poppets and the seat area must be free of any foreign matter. Check that both pressure and vacuum screens are clean. Never paint these screens. During cooler weather it may be necessary to check more often due to freezing moisture conditions. If these conditions exist, the poppets may freeze in place causing damage to the tank.

These recommendations apply to most pumps and meters regardless of manufacturer.