

SUPER FLOW KITS

SUPER FLOW KIT (SFK) FOR TASKMASTER III™ VALVES

Super Flow packages are installed on standard water softeners to provide higher flow rates as shown on the specification sheet. The solenoid, which opens the two diaphragm valves, is operated by the control circuitry of the Task Master III™.

Note that a Super Flow Kit prevents hard water bypass.

The standard Super Flow Kits use Water King DMB grooved cast iron diaphragm valves. The kit consists of one solenoid and two diaphragm valves with associated tubing and fittings.

SUPER FLOW KITS (part numbers as of June 2009)				
Part Nº	Description	Valve Model	Inlet Outlet Pipe Size	Brine Eductor Type
720001-1	2" NPT SFK	DM 200	2"	Internal
720002-1	2 1/2" NPT SFK	DM 250	2 1/2"	Internal
720003-1	3" NPT SFK	DM 300	3"	Internal
720004-1	4" NPT SFK	DM 400	4"	Internal
720032	2" GRV SFK	DMB 200	2"	Internal
720033	3" GRV SFK	DMB 300	3"	Internal
720034	4" GRV SFK	DMB 400	4"	Internal
720001-2	2" NPT SFK	DM 200	2"	External
720002-2	2 1/2" NPT SFK	DM 250	2 1/2"	External
720003-2	3" NPT SFK	DM 300	3"	External
720004-2	4" NPT SFK	DM 400	4"	External
720032-1	2" GRV SFK	DMB 200	2"	External
720033-1	3" GRV SFK	DMB 300	3"	External
720034-1	4" GRV SFK	DMB 400	4"	External

Super flow kits on simplex units. A simplex softener with a superflow such as the MF line of softeners and VN softeners will prevent hard water bypass which in the case of a simplex shuts off the water flow through the softener. If this is unacceptable add an automated bypass consisting of an extra normally closed diaphragm valve. When the unit goes into regeneration, the solenoid valve is energized, the super flow (inlet and outlet valves) close and the bypass valve is opened. Water flow continues during the regeneration cycle. When the regeneration is complete, the solenoid is de energized, the super flow inlet and outlet open and the automated bypass closes again routing water through the regenerated softener.

CAT373.2

Super Flow Kit

Diaphragm Valves

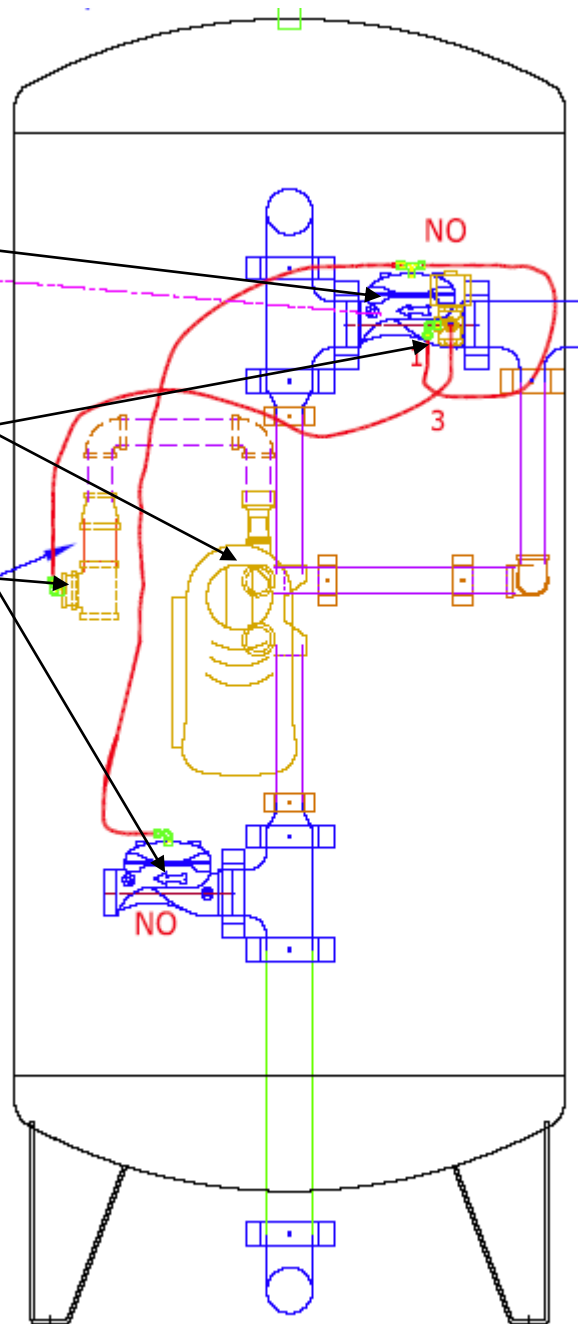
Task Master III

Solenoid

Drain

SFK - A Super Flow Kit provides inlet and outlet bypass valves which are open during service and closed during regeneration. This allows the MF Task Master III five-cycle valve to perform the regeneration functions. During service the valve is bypassed allowing higher flows. A Super Flow Kit could be called a service flow bypass.

Drawings:
Use 900975-3 for standard SFK and 900975-3E for systems with external brine injectors. (Usually MF 900 and larger systems.)



LITERATURE # 900975-3