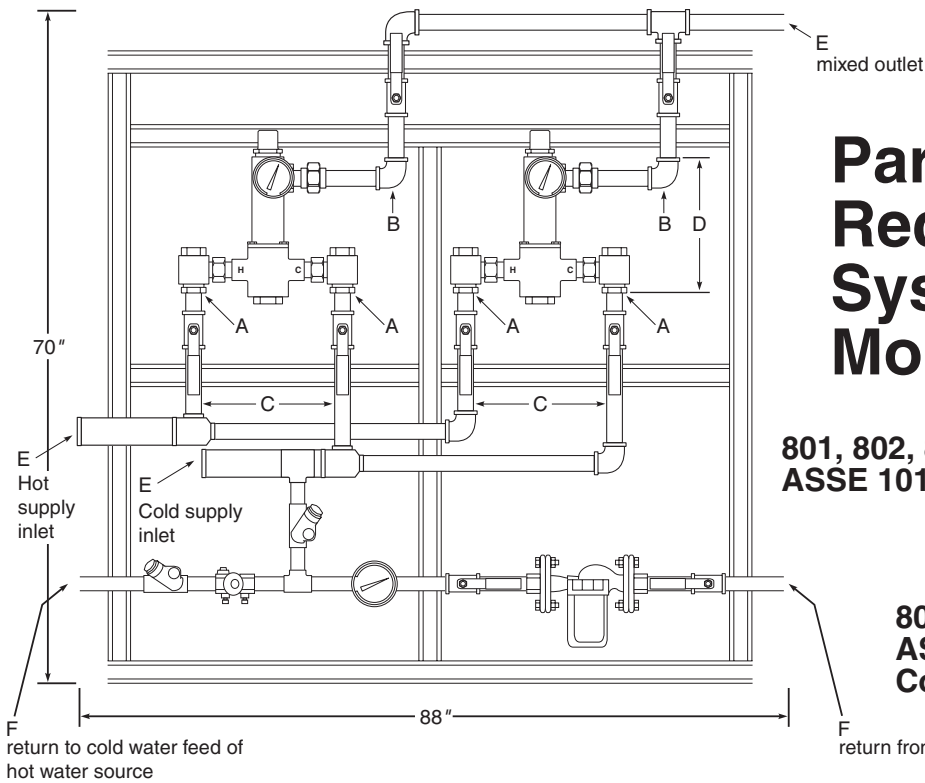


PAT. NO. 5,203,496.  
5,323,960.  
6,637,668.  
7,140,394.  
Rev-A



# Parallel Manifold Recirculation System on Mounting Strut

801, 802, 804 & 805 are ASSE 1017 Approved



Certified to CSA B125.3

803 is ASSE 1017 Compliant



803 is Compliant with CSA B125.3

Master water mixing valves shall be of the thermostatic type with liquid-filled thermal motor. They shall have bronze body construction with replaceable corrosion-resistant components. Valve construction shall employ a sliding piston control mechanism. Sliding piston and liner shall be of stainless steel material. Valves shall come equipped with union end stop and check inlets with removable stainless steel strainers. Valves shall provide protection against hot or cold supply line failure and thermostat failure.

Mixing valves shall be incorporated into a pre-piped manifold system which includes a recirculating pump, circuit setting balancing valve, thermometers, ball valves and mounting strut.

TEMP. RANGE	SET POINT	
70° to 100°F	80°F	<input type="checkbox"/>
90° to 120°F	110°F	<input type="checkbox"/>
110° to 140°F	130°F	<input type="checkbox"/>

Aquastat \_\_\_\_\_  
Recirculation pump \_\_\_\_\_  
Test connection and circulator power switch (optional) \_\_\_\_\_

### DIMENSIONS:

Valve Number	A N.P.T.	B N.P.T.	C	D	E	F
803	1 1/4"	1 1/2"	12 3/4"	12 1/2"	2 1/2"	1 1/2"
804	1 1/2"	2"	15"	13 1/2"	3"	1 1/2"
805	2"	2"	15"	13 1/2"	3"	1 1/2"

### GPM CAPACITIES - Series 800

Pressure Drop PSI	5	10	20	30	45
Valve Number	Capacity (x2)				
803-GPM	43	60	85	103	125
804-GPM	52	72	100	124	150
805-GPM	64	96	133	165	200

### LPM CAPACITIES - Series 800

Pressure Drop PSI	5	10	20	30	45
Valve Number	Capacity (x2)				
803-LPM	163	227	322	390	473
804-LPM	197	273	379	469	568
805-LPM	242	363	503	624	757

Minimum flow is 1/2 gpm when properly installed.



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Design and specification subject to change without notice.