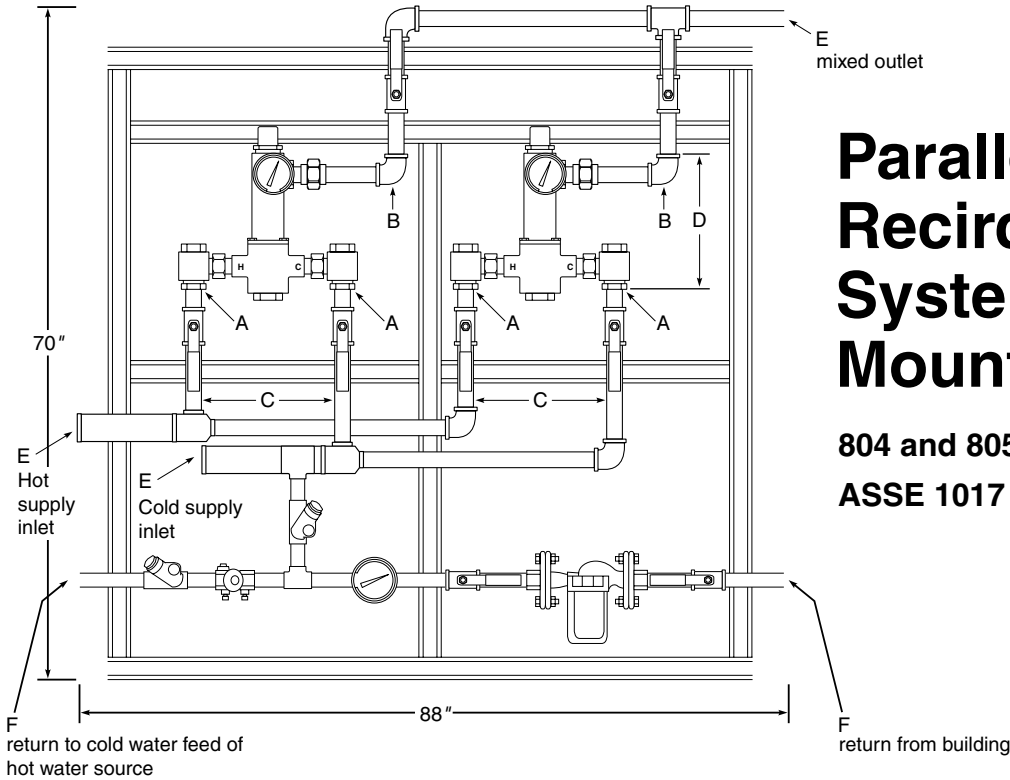


PAT. NO. 5,203,496.
5,323,960.
6,637,668.
7,140,394.
Rev-A



Parallel Manifold Recirculation System on Mounting Strut

804 and 805 are  ASSE 1017 Approved



Certified to 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
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)				
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)				
804-LPM	197	273	379	469	568
805-LPM	242	363	503	624	757

Minimum flow is 1/2 gpm when properly installed.



MANUFACTURING CO., INC.
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Specification subject to change without notice.