

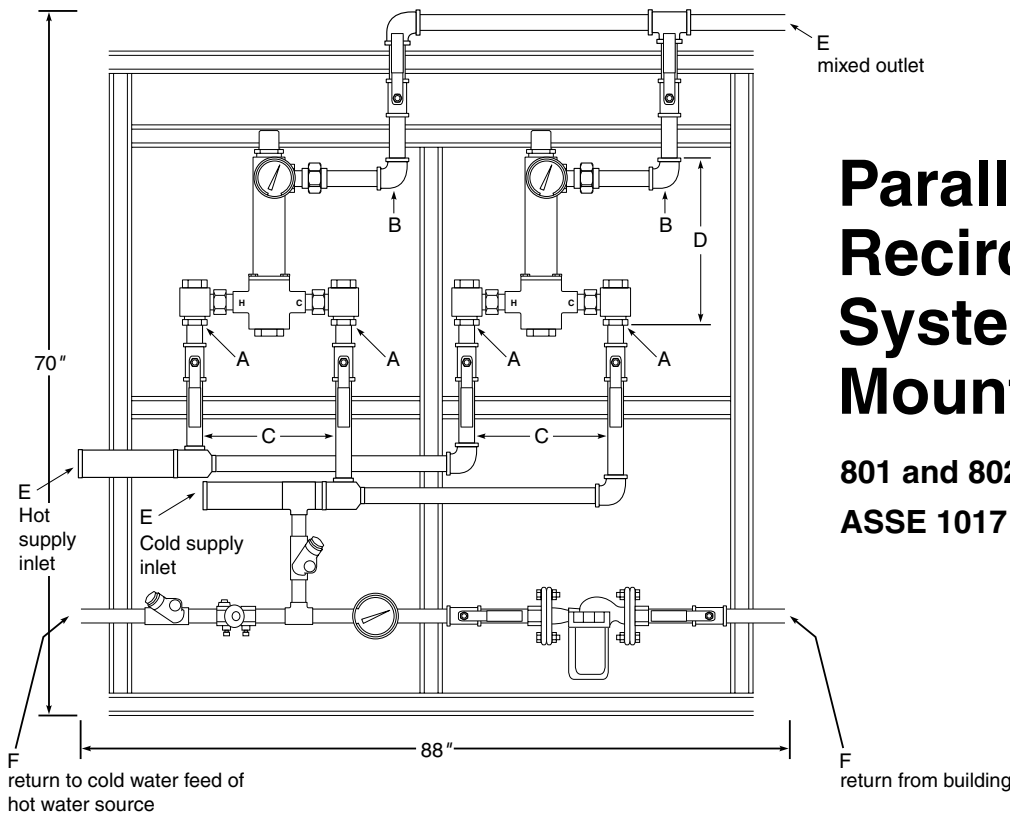
PAT. NO. 5,203,496.
5,323,960.
6,637,668.
7,140,394.
Rev-A

Parallel Manifold Recirculation System on Mounting Strut

801 and 802 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
801	3/4"	1"	10"	13 1/2"	3"	1 1/2"
802	1"	1 1/4"	10"	13 1/2"	3"	1 1/2"

GPM CAPACITIES – Series 800

Pressure Drop PSI	5	10	20	30	45
Valve Number	Capacity (x2)				
801-GPM	34	50	68	80	100
802-GPM	56	78	108	132	160

LPM CAPACITIES – Series 800

Pressure Drop PSI	5	10	20	30	45
Valve Number	Capacity (x2)				
801-LPM	128	188	256	302	378
802-LPM	212	296	416	494	606

Minimum flow is 1/2 gpm when properly installed.



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Specification subject to change without notice.