

Thermostatic Water Controller Series 800 High-Low Water Mixer Triple Valve Installation

ENG. NO. 00000-A
PAT. NO. 5,203,496.
5,323,960.
6,637,668.
7,140,394.

801, 802, 804 & 805 are
ASSE 1017 Approved

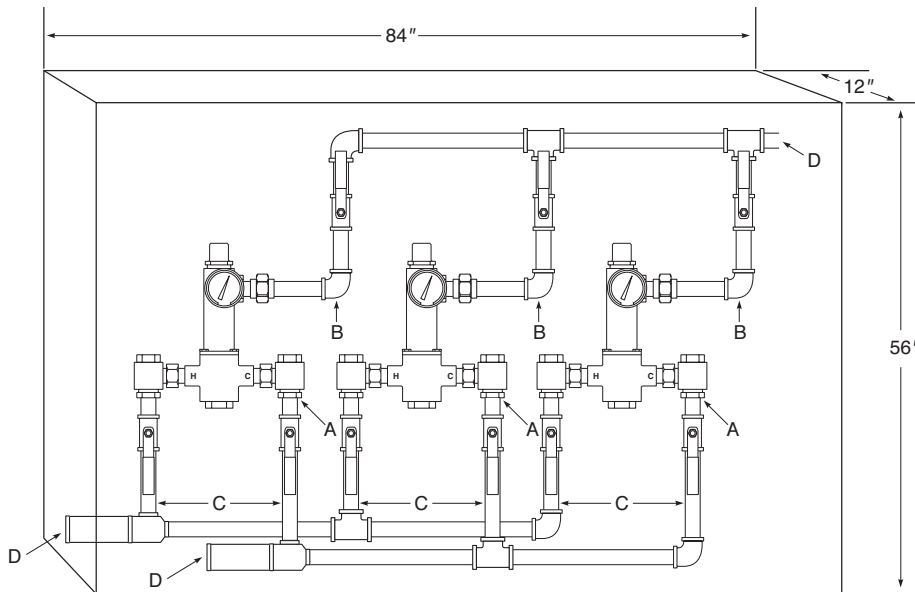


Certified to
CSA B125.3

803 is
ASSE 1017
Compliant



803 is
Compliant with
CSA B125.3



⊙ = Thermometer

1. For recirculation refer to the typical installation shown in the series 800 brochures and installation manuals.
2. Triple valve system comes pre piped from factory.

Master water mixing valve shall be of the thermostatic type with liquid-filled thermal motor. It 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. Valve shall come equipped with union end stop and check inlets with removable stainless steel strainers. Valve shall control temperature from a low flow up to a maximum flow rate for a given pressure differential. Valve shall provide protection against hot or cold supply line failure and thermostat failure.

Unit shall be supplied pre piped from factory.

FINISH: Bronze
 Chrome
 Other

MINIMUM FLOW:

- 1/2 gpm for all assemblies when properly piped in recirculated system
- 3 gallons per minute Model 801 in parallel
- 6 gallons per minute Model 802 in parallel
- 9 gallons per minute Model 803 in parallel
- 12 gallons per minute Model 804 in parallel
- 15 gallons per minute Model 805 in parallel

TEMP. RANGE

- 70° to 100°F
- 90° to 120°F
- 110° to 140°F

SET POINT

- 80°F
- 110°F
- 130°F

DIMENSIONS:

Valve Number	A N.P.T.	B N.P.T.	C	D
801	3/4"	1"	10"	2"
802	1"	1 1/4"	11"	3"
803	1 1/4"	1 1/2"	12 3/4"	4"
804	1 1/2"	2"	15"	4"
805	2"	2"	15"	4"

Unit is 80" L x 20" W x 50" H

CAPACITIES - SERIES 800 Tri-Parallel

Pressure Drop PSI	5	10	20	30	45	60	80
Valve Number	Capacity-GPM (x3)						
801	17	25	34	40	50	57	65
802	28	39	54	66	80	91	103
803	43	60	85	103	125	144	165
804	52	72	100	124	150	174	193
805	64	96	133	165	200	230	265



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Design and specification subject to change without notice.