

# Thermostatic Water Controller Model 801 High-Low Water Mixer Unit No. 86208

ENG. NO. 86208-F  
 PAT. NO. 5,203,496.  
 5,323,960.  
 6,637,668.  
 7,140,394.

**ASSE** ASSE 1017 Approved



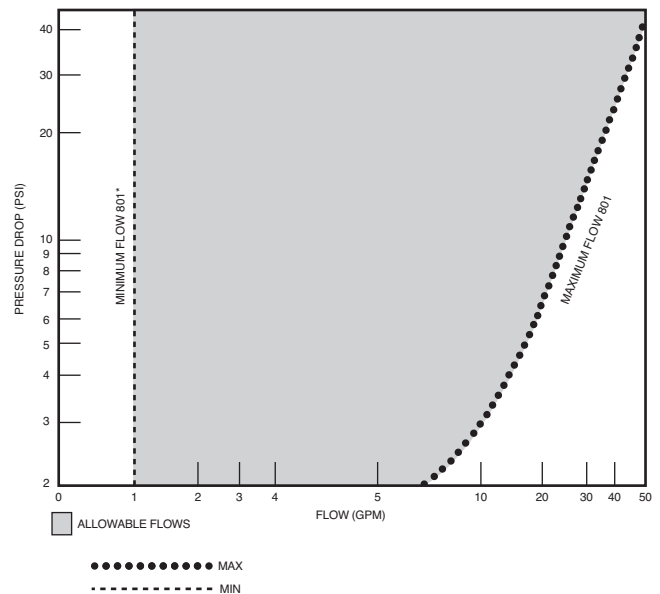
**Certified to CSA B125.3**

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 of 1 GPM\* 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 includes a dial thermometer and shut-off valve on tempered water outlet. Unit is assembled and tested with necessary fittings and nipples.

**DIMENSIONS:**

Valve Number	A N.P.T.	B N.P.T.	C	D
801	3/4"	1"	10"	12"



**FINISH:** Bronze   
 Chrome   
 Other

**TEMP. RANGE**      **SET POINT**

70° to 100°F      80°F   
 90° to 120°F      110°F   
 110° to 140°F      130°F

Special \_\_\_\_\_

**Optional Test Connection**   
 Including garden hose connection, shut-off and thermometer.

Bronze   
 Chrome

**CAPACITIES - MODEL 801**

Pressure Drop PSI	5	10	20	30	45	60	80
<b>Valve Number</b>	<b>Capacity</b>						
<b>801-GPM</b>	17	25	34	40	50	57	65
<b>801-LPM</b>	64	94	128	151	189	210	246

\*1/2 gpm when properly installed in recirculated system.



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Design and specification subject to change without notice.