

# 803 Recirculation System with ARV

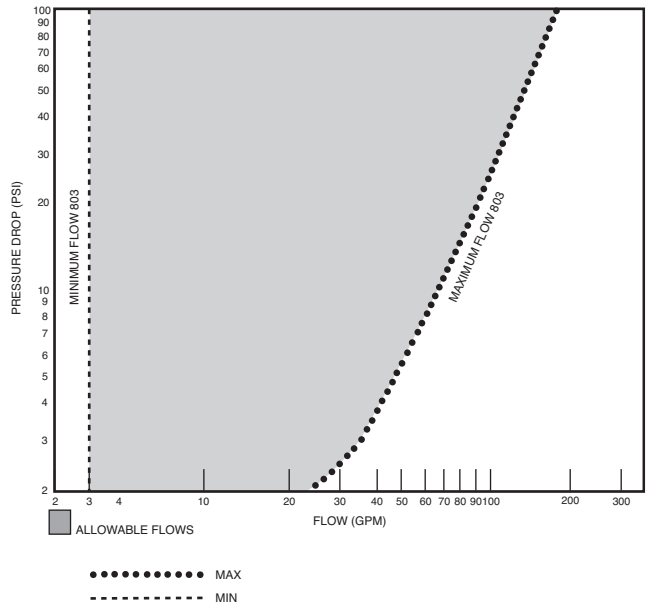
## Unit No. 86408



Certified to  
**CSA B125.3**

**ASSE 1017 Approved**

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 3 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. System shall include return piping for recirculation connection and an automatic return valve (ARV) for thermostatic balancing of the system.



**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 803

Pressure Drop PSI	5	10	20	30	45	60	80
<b>Valve Number</b>	<b>Capacity</b>						
<b>803-GPM</b>	43	60	85	103	125	144	165
<b>803-LPM</b>	163	227	322	390	473	545	624

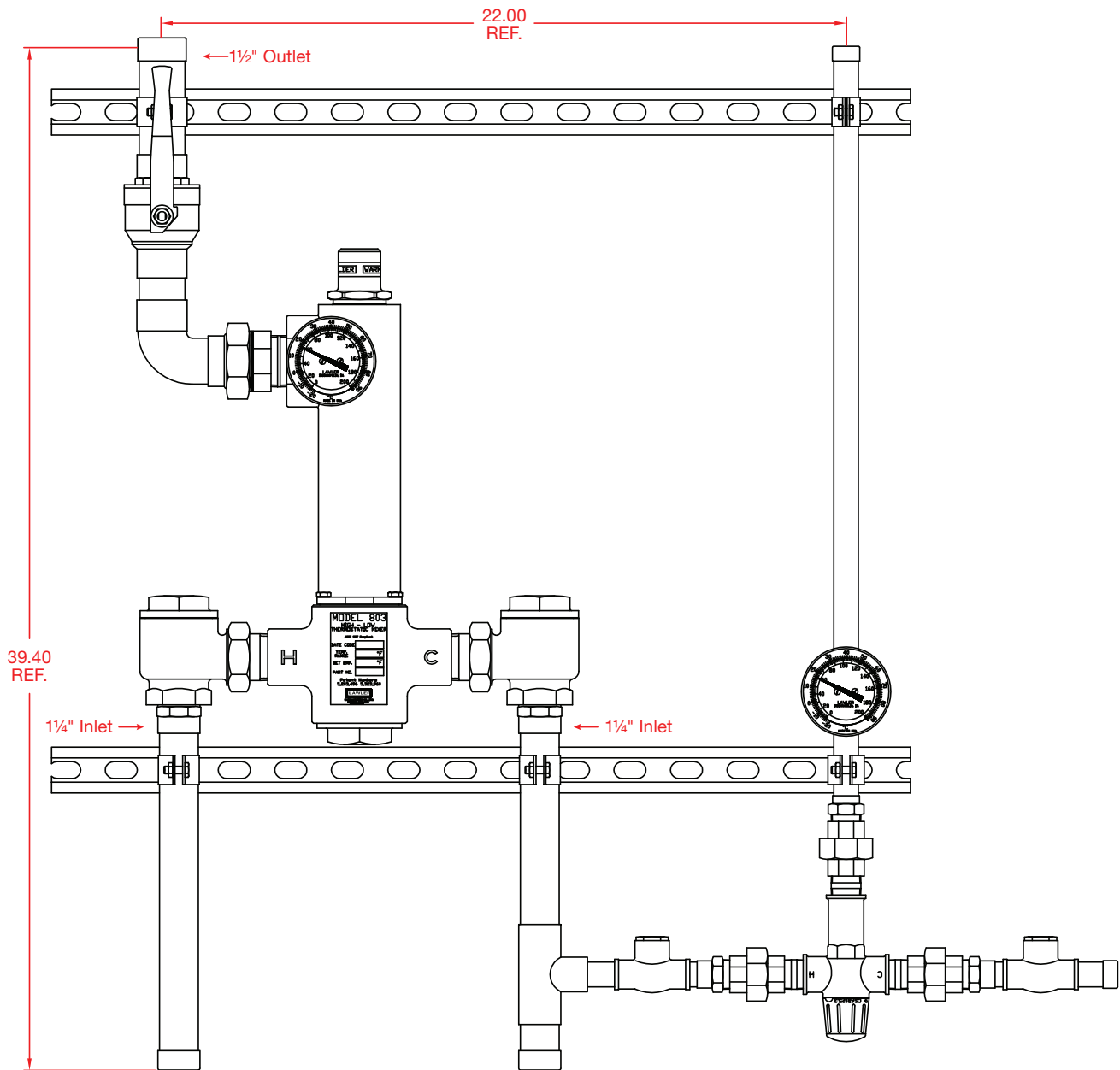
\*½ gpm when properly installed in recirculated system.



**MANUFACTURING CO., INC.**

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Design and specification subject to change without notice.  
 Please refer to [www.temperedwater.com](http://www.temperedwater.com) to ensure  
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