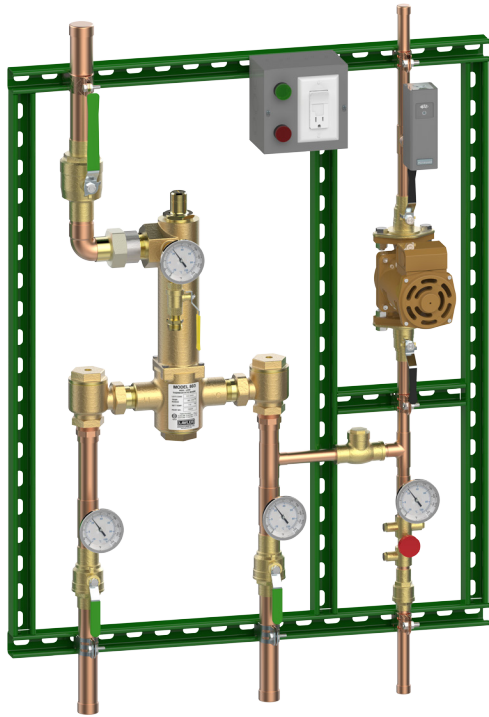


# DATA SHEET

Patent Information:  
[www.temperedwater.com/patents](http://www.temperedwater.com/patents)  
 86603-A



## Prepiped 803 Hi-Low Tempered Water Mixing System with Recirculation

 ASSE 1017 Approved

 ASSE Lead Free Certified



Certified to  
**CSA B125.3**

Mixing valve shall be incorporated into a completely assembled and tested pre-piped manifold system which includes a recirculating pump, circuit setting balancing valve, aquastat, circulator switch box, thermometers, ball valves, mounting strut, and test connection.

803 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 provide three way protection against hot or cold supply line failure and thermostat failure.

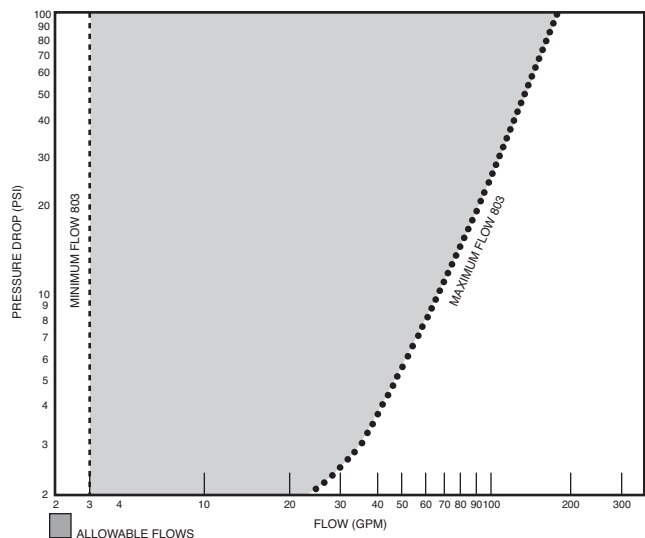
TEMP. RANGE	SET POINT	
70° to 100°F	80°F	<input type="checkbox"/>
90° to 120°F	110°F	<input type="checkbox"/>
110° to 140°F	130°F	<input type="checkbox"/>

### CAPACITIES - MODEL 803

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

### PUMP OPTIONS

- Bell & Gossett PL30B
- Bell & Gossett PL 36B
- Bell & Gossett PL55B
- Taco 2400 Series  
 \_\_\_\_\_ (Include ft/head and GPM)
- Grundfos UP26 Series  
 \_\_\_\_\_ (Include ft/head and GPM)



..... MAX  
 - - - - - MIN

Minimum flow is 1/2 gpm when properly installed.

[www.TemperedWater.com](http://www.TemperedWater.com)



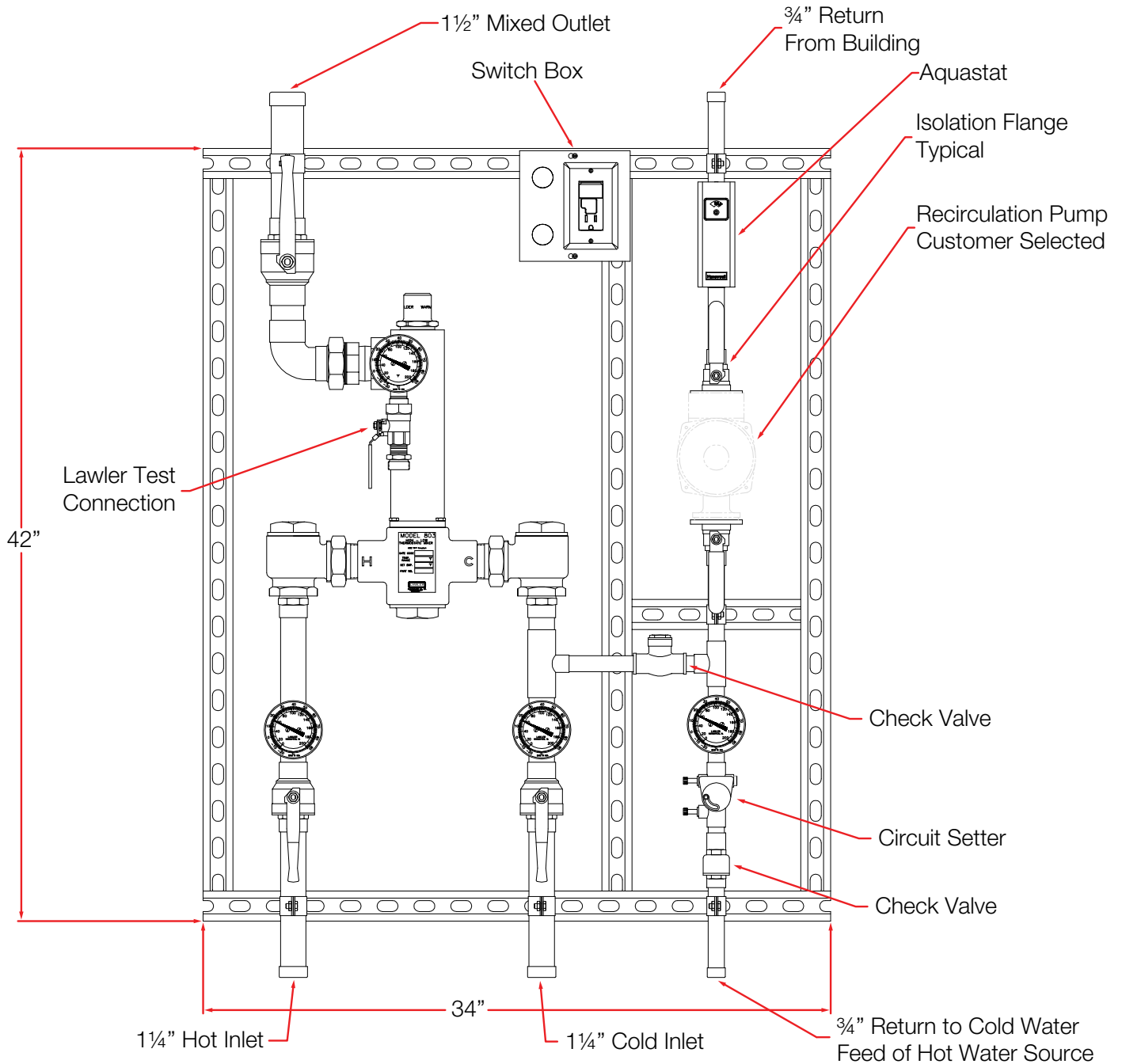
**MANUFACTURING CO., INC.**

5330 East 25th Street  
 Indianapolis, Indiana 46218  
 Phone (317) 261-1212  
 Fax (317) 261-1208

Design and specification subject to change without notice.  
 Please refer to [www.temperedwater.com](http://www.temperedwater.com) to ensure most current data sheet and other design solutions

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