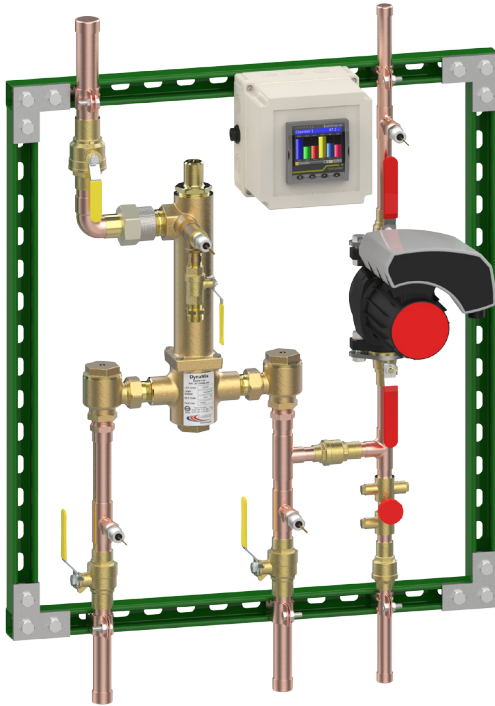


# DATA SHEET

Patent Information:  
www.temperedwater.com/patents



## Low Capacity Mini Tempered Water Mixing System with Recirculation, Smart Pump & RMS Deluxe

 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 B+G EcoCircXL N20-35 (1/2hp, 115v/1/60), circuit setting balancing valve, thermometers, ball valves, mounting strut, and test connection.

Low Capacity 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. Valve minimum flow is 2 GPM (8 LPM). System minimum flow is 1/2 GPM when properly installed.

RMS unit shall include local and remote digital temperature monitoring. Four type J thermocouples shall provide continuous temperature monitoring as well as data logging. The RMS shall include modbus TCP/IP protocol and RJ-45 communications connection. The RMS shall include an alarm indicator and a built in web server. The RMS shall be powered by 120 VAC and ships wired and tested.

**TEMP. RANGE      SET POINT**

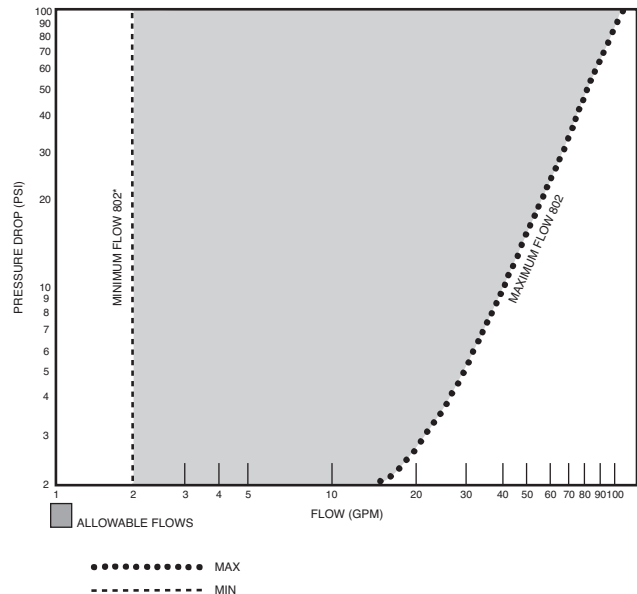
- |               |       |                          |
|---------------|-------|--------------------------|
| 70° to 100°F  | 80°F  | <input type="checkbox"/> |
| 90° to 120°F  | 110°F | <input type="checkbox"/> |
| 110° to 140°F | 130°F | <input type="checkbox"/> |

www.TemperedWater.com



**MANUFACTURING CO., INC.**

5330 East 25th Street  
Indianapolis, Indiana 46218  
Phone (317) 261-1212  
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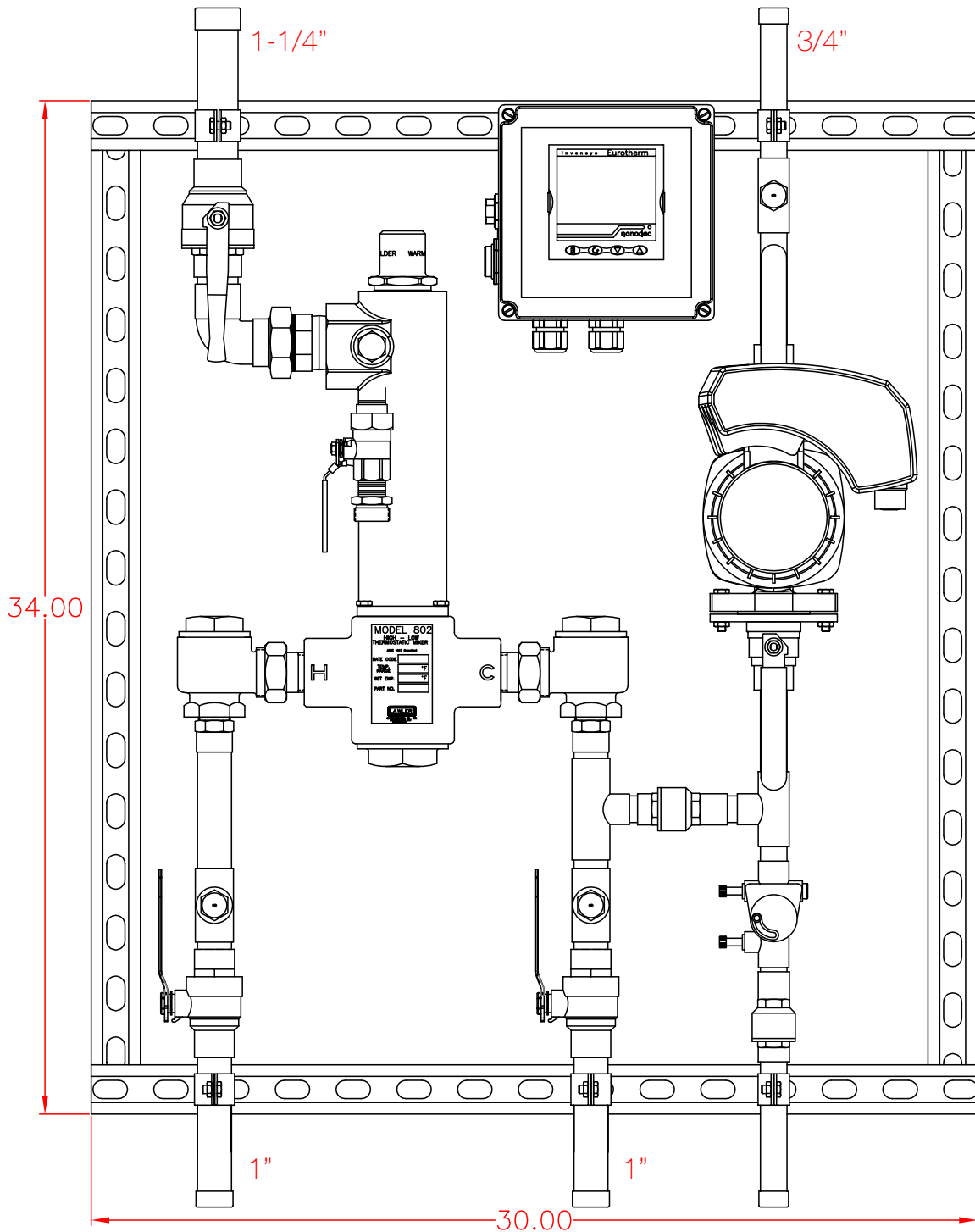
**CAPACITIES – LC MINI**

Pressure Drop PSI	5	10	20	30	45	60	80
Valve Number	Capacity						
LC MINI-GPM	28	39	54	66	80	91	103
LC MINI-LPM	106	148	208	247	303	341	388

Design and specification subject to change without notice.  
Please refer to www.temperedwater.com to ensure most current data sheet and other design solutions

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