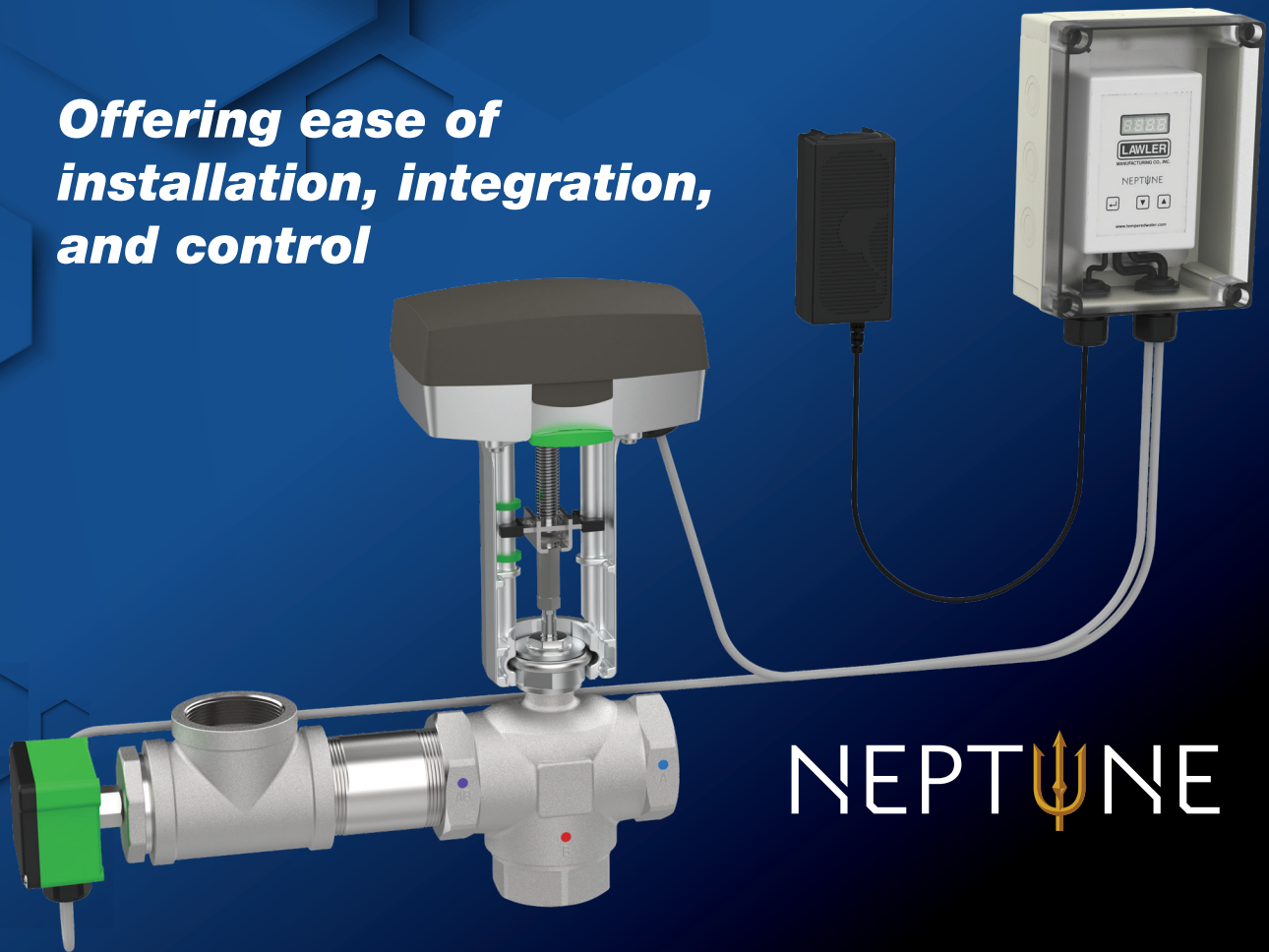




MANUFACTURING CO., INC.

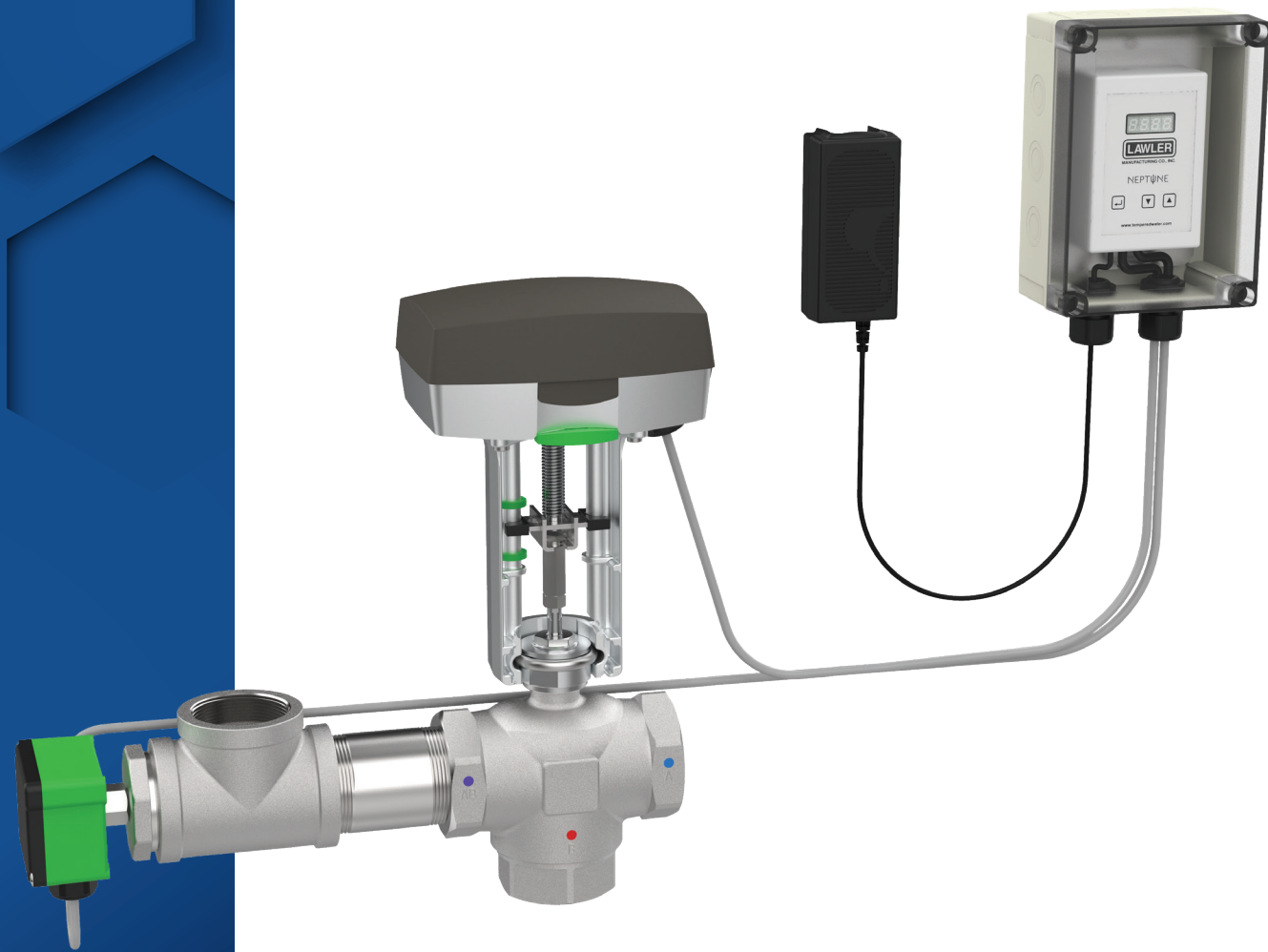
Introducing Lawler's  
<sup>New</sup>  
**Fully  
Electronic  
Mixing Valve**

*Offering ease of  
installation, integration,  
and control*



NEPTUNE

Contact your local rep or visit [www.temperedwater.com](http://www.temperedwater.com) for more information.

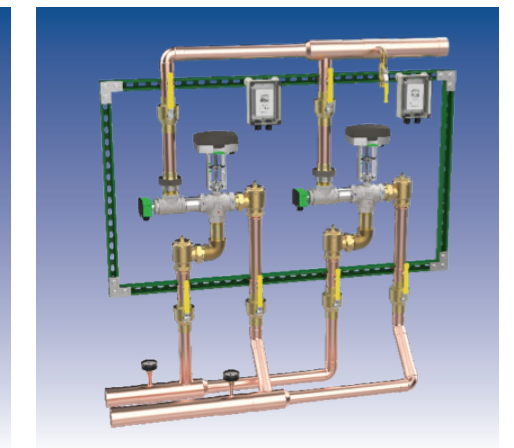
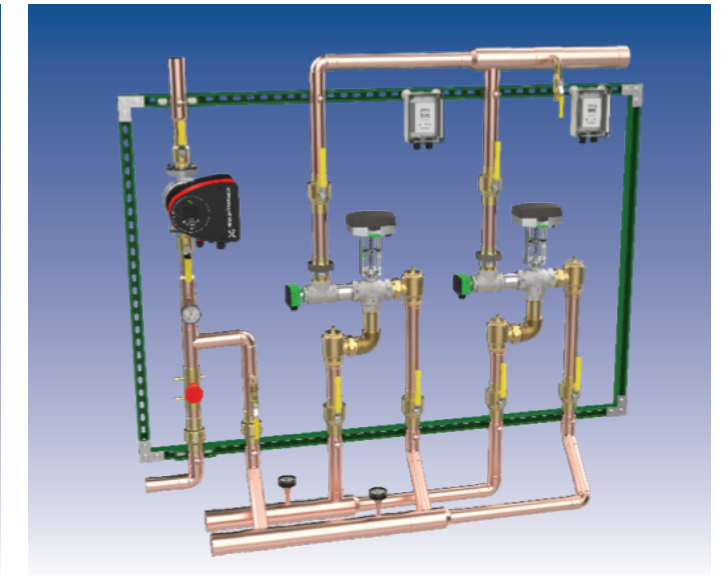
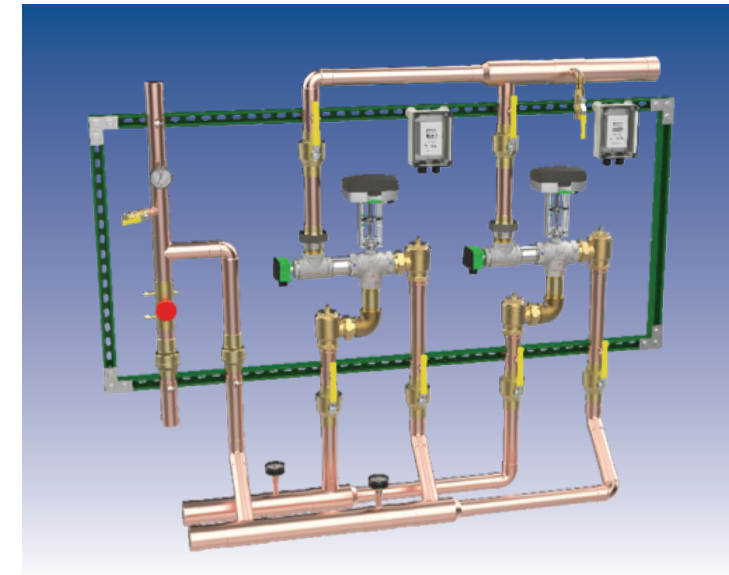


### Neptune EMX Electronic Mixing Valve

Lawler's Neptune EMX electronic mixing valve is a rugged lead-free stainless-steel valve that provides accurate control of the domestic hot water during all flow conditions. The valve comes pre-set and tested for easy installation and setup with its simple three button interface. The Neptune EMX provides protection from hot and cold supply failures by shutting off flow through the valve. In the event of power failure to the valve, the actuator will fail in the last position still providing tempered water. The actuator also has a manual override for temperature adjustments when there is no power to the mixing valve. This assures that the end user will still have tempered water in their domestic hot water system when having just cold water is not acceptable.

The Neptune EMX is ASSE 1017 and NSF 372 listed and can be integrated into the BMS system for remote monitoring of the outlet temperature. The valve also comes with a high temperature alarm function. This feature allows the end user to select both the temperature that will trigger the alarm and the duration of time that the valve will stay at that temperature prior to triggering the alarm.

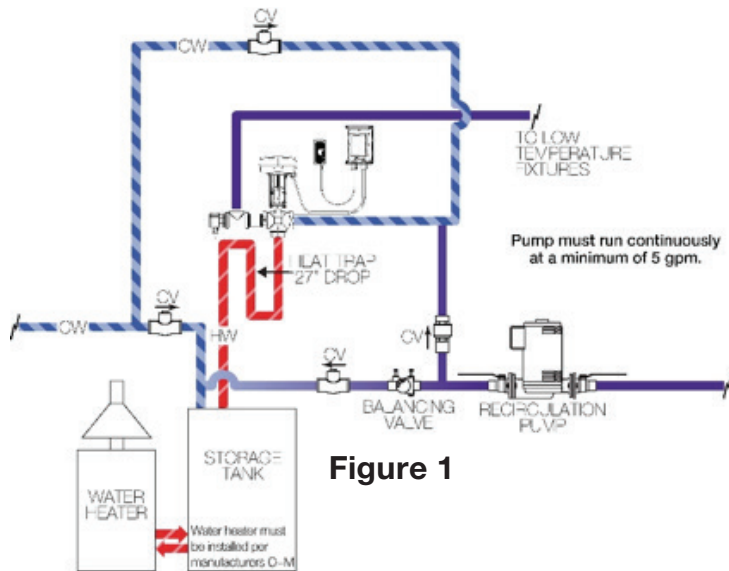
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### Multiple Pre-Piped Plug-And-Play Options

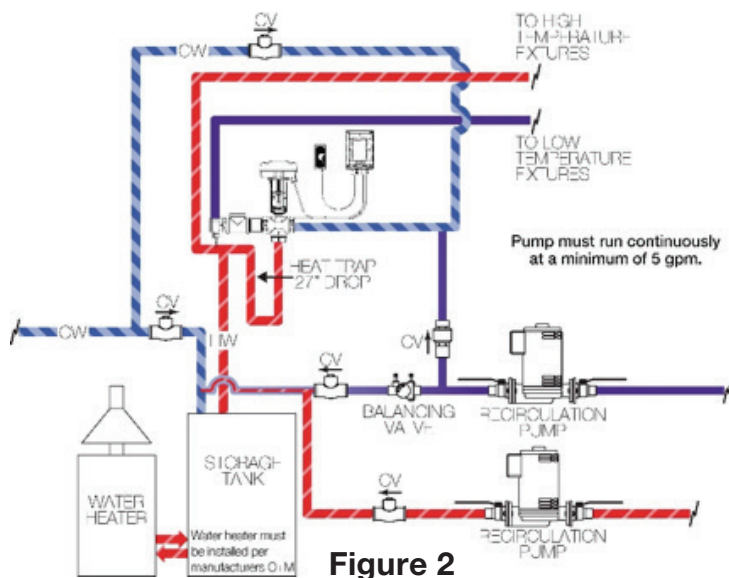
The Neptune EMX Electronic Mixing Valve can be incorporated into several different pre-piped systems for easy "plug-and-play" installation and setup. This insures that the recirculation system is installed correctly for efficient operation of the domestic hot water system. These systems are pre-assembled and pre-tested prior to shipping to the job site. Lawler can offer both standard and custom designs for a variety of different applications to ideally fit into your domestic hot water system. These systems will include ball valves, check valves, balancing valves, thermometers, mounting strut, and recirculation pumps if required.

Contact your local rep or visit [www.temperedwater.com](http://www.temperedwater.com) for more information.



**Figure 1**

When installing the Lawler Neptune EMX Electronic Mixing valve into a single temperature recirculating system, please install as shown in Figure 1.



**Figure 2**

When installing the Lawler Neptune EMX Electronic Mixing Valve into a dual temperature recirculating system, please install as shown in Figure 2.

Pressure Drop PSI		5	10	20	30
Valve	Inlet Size	CAPACITY GPM			
Neptune EMX 075	3/4	17	24.3	34	43
Neptune EMX 100	1	25.5	37	52	64
Neptune EMX 125	1 1/4	41.4	58.6	83	101
Neptune EMX 150	1 1/2	64.4	91	128	157
Neptune EMX 200	2	102	145	205	252



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