



NEUTRON™

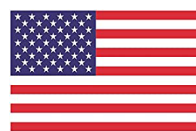
***DIGITALLY CONTROLLED
EMERGENCY MIXING VALVE***



ENV-6100-LF

- Easy Setup
- Self-diagnostic and self-balancing
- Daily self-cleaning features
- Programmable temperature set point
- Controls water temperature to $\pm 2^\circ\text{F}$
- Internal cold-water bypass of 40+ GPM
- Automatic hot water shut-off upon cold-water inlet supply failure
- Valve standby position in FULL COLD
- Internal check/stop valves for local isolation, servicing and cross-flow prevention

Minimum Flow	PRESSURE DROP										PSI
	5	(10)	(15)	(20)	25	30	35	40	45	50	
	0.3	0.7	0.97	1.4	1.7	2.1	2.4	2.8	3.1	3.4	
3.0	30	40	47	52	57	60	66	71	76	80	GPM L/min
11.4	114	151	178	197	216	227	250	269	288	303	



ASSE 1071 | CERTIFIED
Proudly Assembled in the USA



LEONARD









WATER TEMPERATURE CONTROLS

1360 Elmwood Avenue, Cranston, RI 02910
TF: 800.222.1208 | P: 401.461.1200 | F: 401.941.5310
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Introducing *The Neutron*

ENV-6100-LF TRUE DIGITAL EMERGENCY MIXING VALVE

FOR EYE WASH AND DRENCH SHOWER COMBINATION UNITS

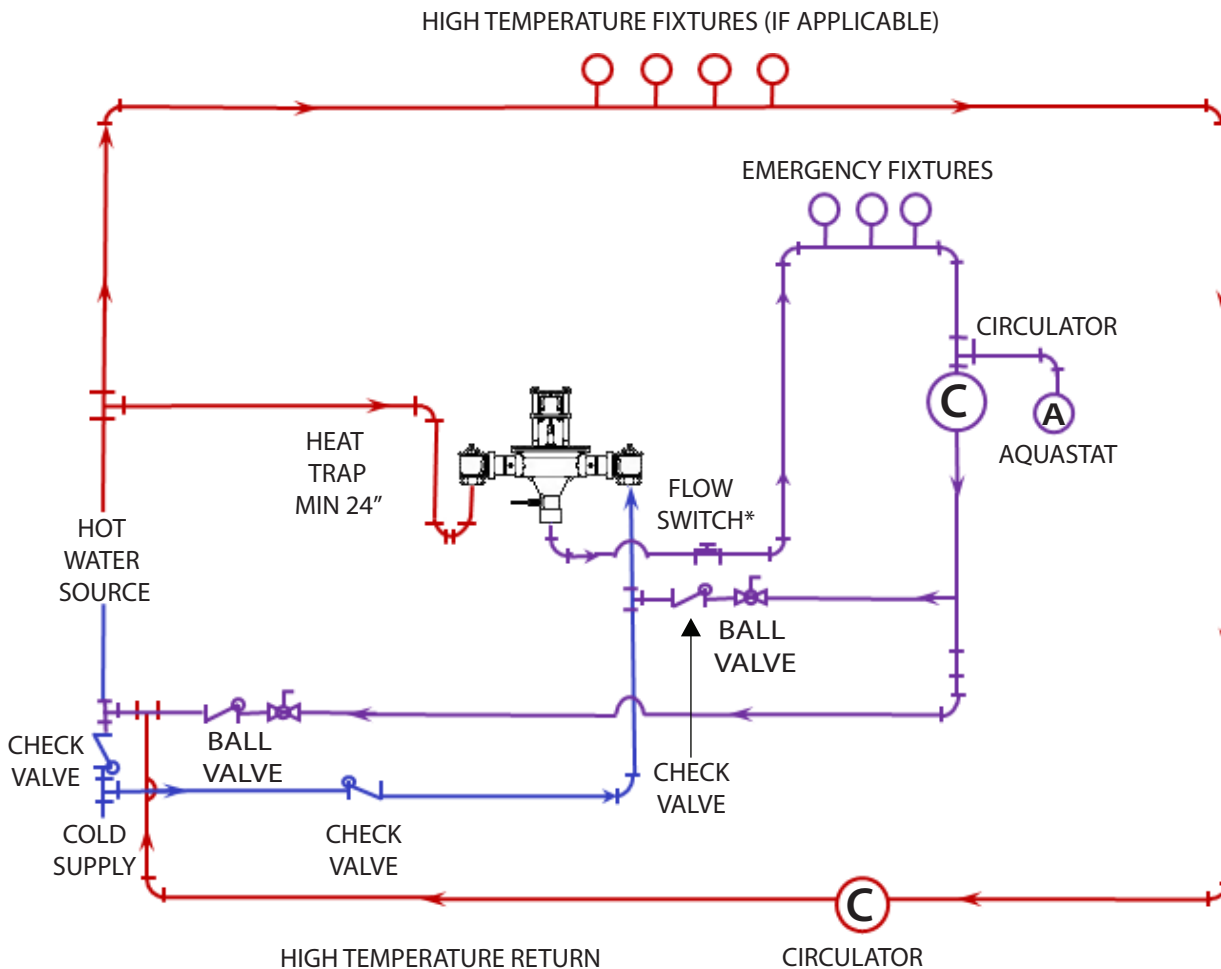
- | | |
|--|---|
|  The first True Digital Emergency Mixing Valve on the market |  Alerts user when unit requires maintenance |
|  User programmable set-point range between 65 °F and 90 °F, displays current outlet temperature |  Controls water temperature to +/- 2 °F during times of low/no system demand |
|  1-1/4" NPT inlets, 1-1/2" NPT outlet (32 mm X 38 mm) |  UL Listed control box and 120V plug-in power supply with 6-foot cord |
|  Valve controls at times of no use: 0.0 GPM* |  Maximum operating pressure: 125 PSIG (862 KPA) |

Options:

- ✓ BPS - Back-up Power Supply. Uninterruptable power supply with up to 2 hours run time in case of primary power loss

*Note:

The valve will maintain temperature with 0.0 GPM flow from the domestic hot water loop when properly installed near the hot water source with a continuously operating recirculation pump at 5 GPM.



*FLOW SWITCH MUST BE LEVEL AND IN CORRECT DIRECTION

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer.
For more information, go to www.P65Warnings.ca.gov

This product is certified to meet Low Lead requirements of wetted surface area containing less than 0.25% lead by weight.