



Mixing Safety & Performance for Over 100 Years



SELF BALANCING - SELF CLEANING



ASSE 1017 | NSF 372 COMPLIANT
Made in the USA with Domestic and Imported Parts

1360 Elmwood Ave., Cranston, RI 02910
TF: 800.222.1208 | P: 401.461.1200 | F: 401.941.5310
www.leonardvalve.com

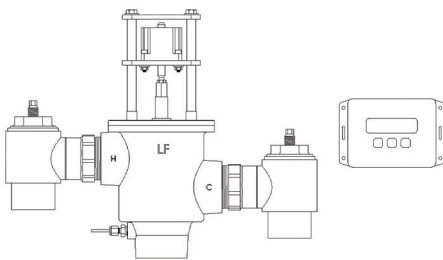


HOT WATER SOLUTIONS START HERE

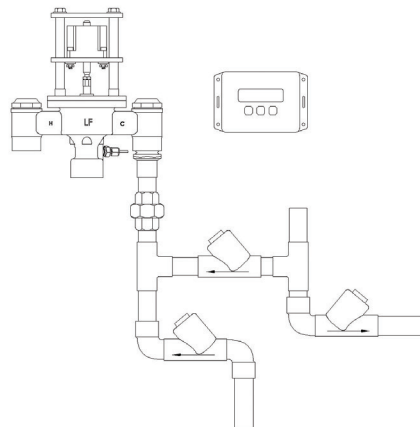
-  Self balancing
-  Self Diagnostic
-  Daily self cleaning feature
-  Digital electronic control with 2 line LCD display
-  +/- 2°F temperature accuracy
-  Programmable temperature setpoint
-  Integral check valves available
-  Easy setup/easy error coding
-  Flow rates ideal for small to mid sized design projects
-  Upon power failure, holds last set temperature to avoid thermal shock

MANY MODELS AVAILABLE

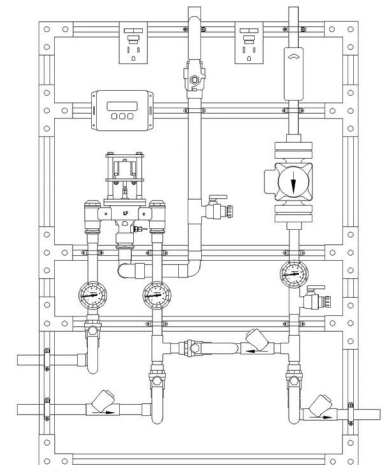
PNV-200-LF
Base Valve Only



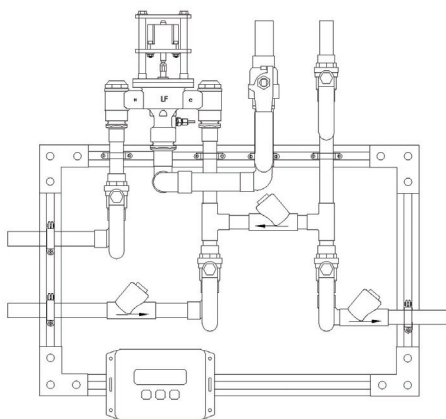
PNV-125-LF-R
Simple Recirculation



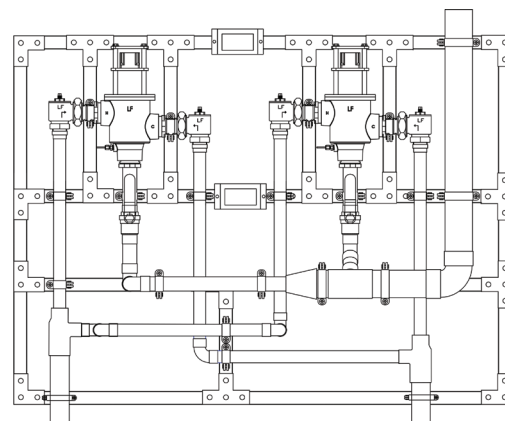
PNV-100-LF
Proton Megatron



PNV-100-LF-R34
Enhanced Recirculation



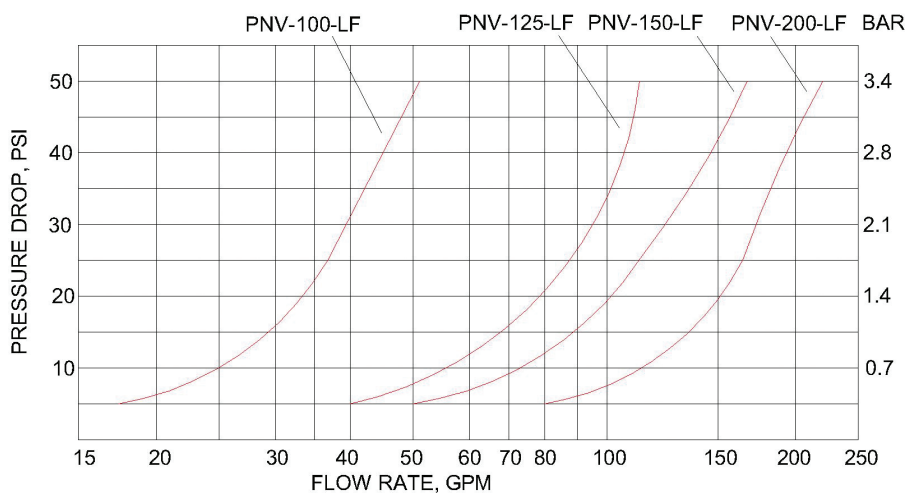
PNV-150-LF-2PS
High Capacity



Temperature Control Valve

Flows & Capacities

MODEL	IN	OUT	MINIMUM FLOW GPM	PRESSURE DROP											
				5	10	15	20	25	30	35	40	45	50	PSI	
				L/MIN	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4	BAR
PNV-100-LF	3/4" (19.1mm)	1" (25.4mm)	0.25*	17	25	28	32	36	39	43	45	48	51	GPM	
			0.95*	64	95	106	121	136	148	163	170	182	193	L/MIN	
PNV-125-LF	1" (25.4mm)	1 1/4" (31.6mm)	0.25*	40	56	66	77	86	95	104	109	114	120	GPM	
			0.95*	151	212	250	291	326	360	394	413	432	454	L/MIN	
PNV-150-LF	1 1/4" (31.6mm)	1 1/2" (38.1mm)	0.25*	50	72	86	100	115	122	136	140	158	165	GPM	
			0.95*	189	273	326	379	435	462	515	530	598	625	L/MIN	
PNV-200-LF	2" (50.8mm)	2" (50.8mm)	0.25*	80	115	130	147	165	173	189	198	215	226	GPM	
			0.95*	303	435	492	556	625	655	715	750	814	856	L/MIN	
VALVE ASSEMBLY(S) ARE ASSE STANDARD 1017 LISTED ALL VALVE ASSEMBLY(S) ARE 3RD PARTY CERTIFIED TO BE LEAD FREE *WHEN INSTALLED NEAR HOT WATER SOURCE AND WITH A PROPERLY SIZED, CONTINUOUSLY OPERATING RECIRCULATION PUMP				MAXIMUM FLOW CAPACITY											



Available in:

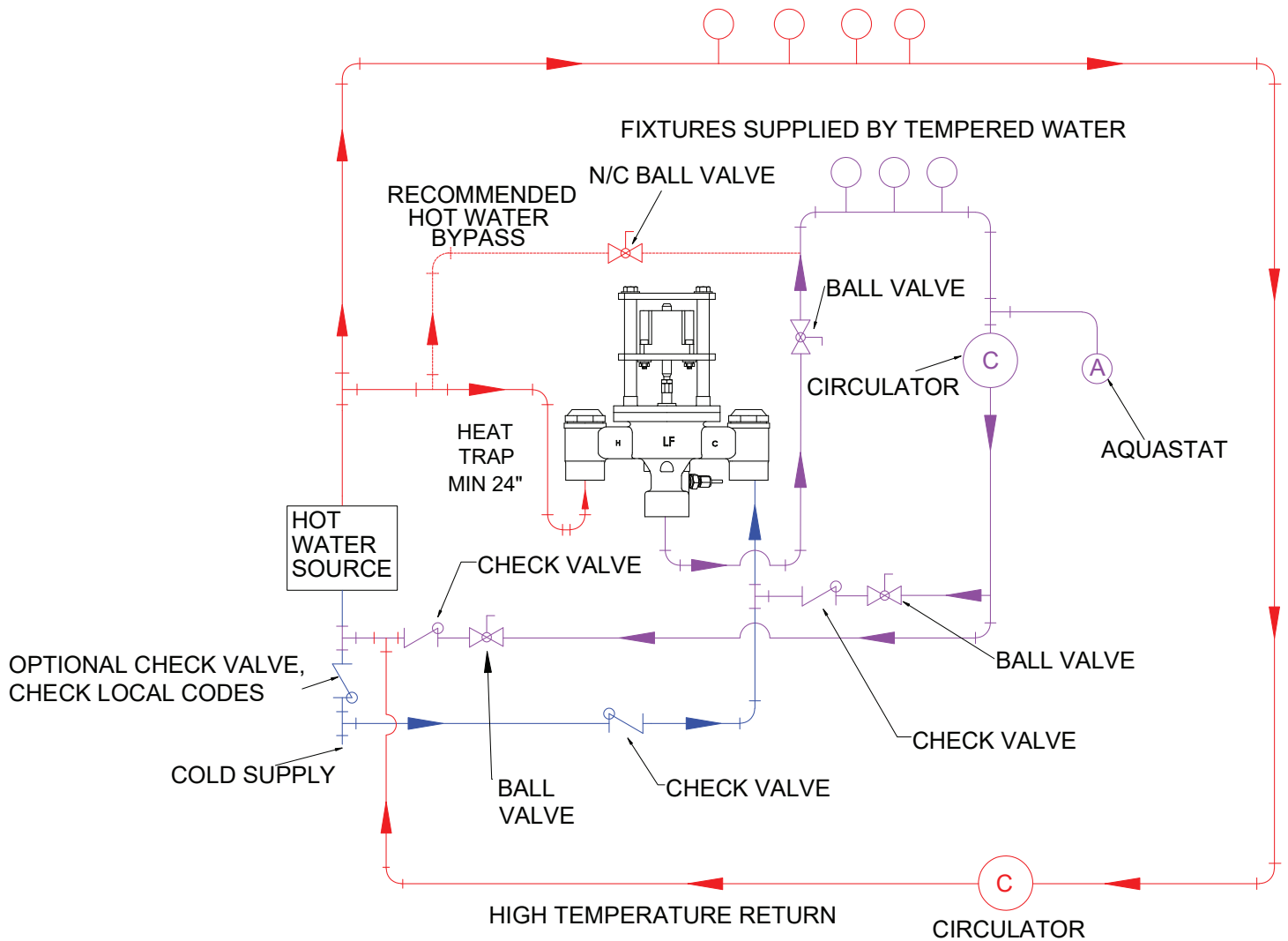
- 3/4" inlet - 1" outlet valve assembly
- 1" inlet - 1 1/4" outlet valve assembly
- 1 1/4" inlet - 1 1/2" outlet valve assembly
- 2" inlet - 2" outlet valve assembly
- 3" inlet - 3" outlet valve assembly



Options:

- **BPS | Backup Power Supply Option**
 - Uninterruptable power supply with up to two hours of run time
- **LC | Less Circulator**
 - Only available for Megatron configurations
- **IOT/Internet of Things**
 - Modbus to WiFi gateway
- **PNV -150, 200 + 300 available with or without serviceable check stops**
- **Digital thermometer**

HIGH TEMPERATURE FIXTURES (IF APPLICABLE)



LV-200 REV JUN 2021
©2021 LEONARD VALVE COMPANY
PRINTED IN THE U.S.A

1360 Elmwood Ave., Cranston, RI 02910
TF: 800.222.1208 | P: 401.461.1200 | F: 401.941.5310
www.leonardvalve.com