



# WATER TEMPERATURE LIMITING VALVES



The Leonard Valve Seventy Series  
A Valve for Every ASSE 1070 Need










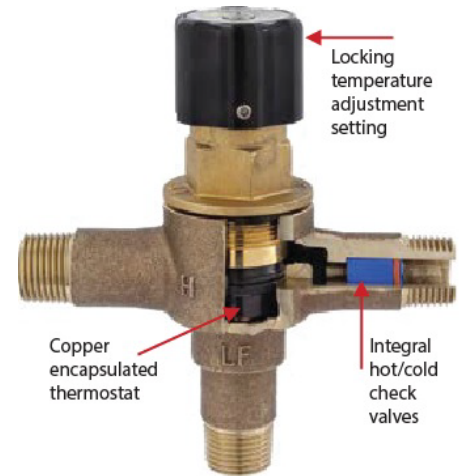
ASSE 1070 CERTIFIED | CSA COMPLIANT  
PROUDLY ASSEMBLED IN THE USA

MODEL SELECTION GUIDE	
170-LF	3/8" (9.5 mm) compression fittings 0.25 – 4.25 GPM/0.95 – 16.1 L/min
170A-LF	3/8" (9.5 mm) compression fittings 0.25 – 4.25 GPM/0.95 – 16.1 L/min
170D-LF	3/8" (9.5 mm) compression fittings 0.25 – 4.25 GPM/0.95 – 16.1 L/min
270-LF	1/2" (12.7 mm) MIPS 0.25 – 12 GPM/0.95 – 45.4 L/min
370-LF	3/4" (12.7 mm) MIPS 0.5 – 13 GPM/1.9 – 49.2 L/min
270-4PS-LF	1" (2.5 mm) threaded inlets/ 1-1/4" (31.8 mm) threaded outlets 1.0 – 48 GPM/3.8 – 181.7 L/min

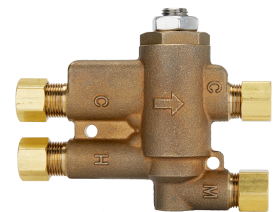
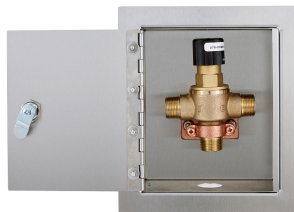
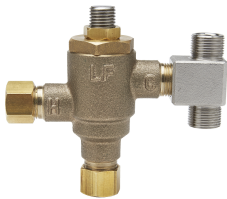
# WATER TEMPERATURE LIMITING VALVES

## Standard Features

-  Highly responsive copper encapsulated paraffin thermostat assembly
-  Locking temperature adjustment setting (tamper-resistant)
-  Lead free bronze, brass, stainless steel and engineered polymer internal components
-  Integral check valves on hot and cold inlets
-  Approach temperature 5°F (2.8°C) above set point
-  Maximum Supply Pressure: 125 PSI (8.6 bar)
-  ASSE Standard 1070 Listed (Water Temperature Limiting Devices)



WATER TEMPERATURE LIMITING VALVES: MODEL FEATURES GUIDE						
	170-LF	170A-LF	170D-LF	270-LF	370-LF	270-4PS-LF
Cold-water bypass port	●	●	●			
Mounting bracket	●	●	●	●	●	●
Ball/Shut-off valves				●	●	●
Sweat connections				●	●	●
Single outlet (lavatories & sinks)	●	●				
Multiple outlet (lavatories, sinks, etc.)			●	●	●	●
ASSE 1070 listed	●	●	●			
ASSE 1017 & 1070 listed				●	●	●
3rd-Party Certified to be lead-free	●	●	●	●	●	●



MODEL	IN	OUT	MIN. 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
170A-LF & 170D-LF	3/8" 9.5 mm	3/8" 9.5 mm	0.25	0.75	1.25	1.60	1.88	2.25	2.63	3.10	3.55	4.0	4.25	GPM
			0.95	2.8	4.7	6.1	7.1	8.5	10.0	11.7	13.4	15.0	16.1	L/MIN
170-LF	3/8" 9.5 mm	3/8" 9.5 mm	0.25	1.7	2.3	2.7	3.0	3.2	3.6	4.0	4.4	4.7	5.0	GPM
			0.95	6.4	8.7	10.2	11.4	12.1	13.6	15.1	16.5	17.8	18.9	L/MIN
270-LF	1/2" 12.7 mm	1/2" 12.7 mm	0.25	3.5	5.5	6.5	7.5	8.5	9.5	10.0	10.5	11.5	12.0	GPM
			0.95	13.2	20.8	24.6	28.4	32.2	36.0	37.9	39.7	43.5	45.4	L/MIN
370-LF	3/4" 19.1 mm	3/4" 19.1 mm	0.5	4.0	6.0	7.0	8.0	9.0	10.0	10.5	11.5	12.5	13.0	GPM
			1.9	15.1	22.7	26.5	30.3	34.1	37.9	39.7	43.5	47.3	49.2	L/MIN
270-4PS	1" 25.4 mm	1-1/4" 31.8 mm	1.0	14.0	22.0	26.0	30.0	34.0	38.0	40.0	42.0	46.0	48.0	GPM
			3.8	53.0	83.3	98.4	113.5	128.7	143.8	151.4	159.0	174.1	181.7	L/MIN

**CAUTION!** All thermostatic water mixing valves have limitations. They will not provide the desired accuracy outside of their flow capacity range. Consult the above chart and make certain the required flow rates are within the limits shown.

MAXIMUM FLOW CAPACITY

