

ELECTRONIC MIXING VALVE FOR PLUMBING



6000 LEGIOMIX® sweat

Electronic mixing valve with optional selectable programs for thermal disinfection of hot water recirculation system to kill Legionella bacteria.

Power: 24 VAC +/- 10% - 50/60 Hz - 6 VA.
115/24 VAC transformer included.
Adjustment temperature range: 70 — 185°F.
Disinfection temperature range: 100 — 185°F.
Max body pressure rating (static): 230 psi.
Max operating pressure: 150 psi.
Max. inlet temperature: 212°F.
Protection class: IP 54 (controller).



Code	Description	Cv	Lbs	USD
600059A	¾" sweat union	9.7	5.1	2,608.00
600069A 001	1" sweat union, 3/4" body	9.7	5.3	2,748.00
600069A	1" sweat union	21	7.3	2,886.00
600079A	1¼" sweat union	24	8.2	2,935.00
600089A	1½" sweat union	34	21	3,331.00
600099A	2" sweat union	48	22	3,417.00



6000 LEGIOMIX® NPT

Electronic mixing valve with optional selectable programs for thermal disinfection of hot water recirculation system to kill Legionella bacteria.

Power: 24 VAC +/- 10% - 50/60 Hz - 6 VA.
115/24 VAC transformer included.
Adjustment temperature range: 70 — 185°F.
Disinfection temperature range: 100 — 185°F.
Max body pressure rating (static): 230 psi.
Max operating pressure: 150 psi.
Max. inlet temperature: 212°F.
Protection class: IP 54 (controller).



Code	Description	Cv	Lbs	USD
600054A	¾" NPT male union	9.7	5.1	2,635.00
600064A 001	1" NPT male union, 3/4" body	9.7	5.3	2,767.00
600064A	1" NPT male union	21	7.3	2,896.00
600074A	1-1/4" NPT male union	24	8.2	2,987.00
600084A	1½" NPT male union	34	21	3,372.00
600094A	2" NPT male union	48	22	3,464.00

Meets requirements of NSF/ANSI 372-2011 and complies with ASSE 1017, CSA B125.3, UPC, IPC, Low Lead Laws and listed by ICC-ES for use in accordance with the U.S. and Canadian plumbing codes. Meets requirements of CSA Z317.1 Special Requirements For Plumbing Installations In Health Care Facilities.



6000 LEGIOMIX® press

Electronic mixing valve with optional selectable programs for thermal disinfection of hot water recirculation system to kill Legionella bacteria.

Power: 24 VAC +/- 10% - 50/60 Hz - 6 VA.
115/24 VAC transformer included.
Adjustment temperature range: 70 — 185°F.
Disinfection temperature range: 100 — 185°F.
Max body pressure rating (static): 230 psi.
Max operating pressure: 150 psi.
Max. inlet temperature: 212°F.
Protection class: IP 54 (controller).



Code	Description	Cv	Lbs	USD
600056A	¾" press union	9.7	5.1	2,748.00
600066A 001	1" press union, 3/4" body	9.7	5.2	2,851.00
600066A	1" press union	21	7.3	2,956.00
600076A	1¼" press union	24	8.2	3,007.00
600086A	1½" press union	34	21	3,483.00
600096A	2" press union	48	22	3,689.00



6000 LEGIOMIX® flange

Electronic mixing valve with optional selectable programs for thermal disinfection of hot water recirculation system to kill Legionella bacteria.

Power: 24 VAC +/- 10% - 50/60 Hz - 6 VA.
115/24 VAC transformer included.
Adjustment temperature range: 70 — 185°F.
Disinfection temperature range: 100 — 185°F.
Max body pressure rating (static): 230 psi.
Max operating pressure: 150 psi.
Max. inlet temperature: 212°F.
Protection class: IP 54 (controller).

Code	Description	Cv	Lbs	USD
600060A	2½" ANSI 150 flanges	105	30	12,448.00
600080A	3" ANSI 150 flanges	120	42	13,176.00

The LEGIOMIX® includes:

three-way ball valve
3-wire floating control actuator
controller/user interface with DIN rail mounting bracket
mixed outlet temperature sensor/probe
return temperature sensor/probe
mixed outlet temperature gauge

Size	Recommended Flow Rates (gpm/lpm)						
	¾"	1"	1¼"	1½"	2"	2½"	3"
Minimum flow*	2.2 / 8.3	3.1 / 11.7	4.4 / 16.6	6.6 / 25	8.8 / 33.3	17.0 / 64	22.0 / 83.3
Design flow**	27 / 102	58 / 220	66 / 250	93 / 352	131 / 495	288 / 1,090	329 / 1,245
Flow at 20 psid	43 / 172	94 / 356	107 / 405	152 / 575	215 / 814	470 / 1,780	537 / 2,033
Cv	9.7	21	24	34	48	105	120

*To ensure stable operation and ± 3° F accuracy. Minimum flow rate is 0 gpm when recirculation flow rate is greater than or equal to the valve size minimum flow rating.

**Suggested maximum flow rate for optimum modulating control (at 7.5 psid pressure drop).