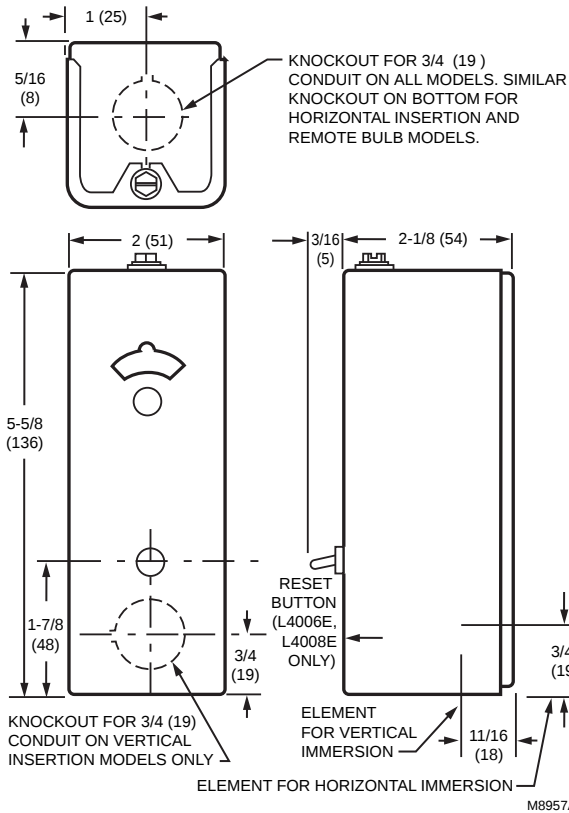


L4006; L6006 Aquastat® Controller



Dimensions in inches (millimeters)



Aquastat® Controllers are immersion type devices for limiting or regulating the temperature of liquids in boilers, storage tanks, and other applications where temperature control is required.

- Totally enclosed Micro Switch™ snap-acting switches operate on temperature rise to setpoint.
- Visible control point scale and external adjustment screw permit easy setting.
- Horizontal or vertical insertion of the sensing element.
- Direct or well immersion of the sensing element.
- Models available for strap-on mounting.
- Remote bulb model may be used to sense air temperature in ducts and in outside air sensing applications.
- TRADELINE models include heat-conductive compound.
- Select models have wells.

Case Dimensions: 5 5/8 in. high x 2 in. wide x 2 1/8 in. deep (143 mm high x 51 mm wide x 54 mm deep)

Maximum Ambient Temperature: 150 F (66 C)

Bulb Size: 3/8 in. x 2 7/8 in. copper (10 mm x 73 mm copper)

Approvals

American Gas Association IAS: AGA Certified

Canadian Standards Association: Certified: File No. LR95329-1

Underwriters Laboratories, Inc: UL Component Recognized: File No. MP466, Vol. 6, Sec.1, Guide No. MBPR2

Product Number	Electrical Ratings		
	(Full Load)	(Locked Rotor)	(Millivolt)
L4006A1009/U	5.1A @ 240 Vac; 8A @ 120 Vac	30.6A @ 240 Vac; 48A @ 120 Vac	0.25 A @ 0.25 to 12 Vdc
L4006A1017/U	5.1A @ 240 Vac; 8A @ 120 Vac	30.6A @ 240 Vac; 48A @ 120 Vac	0.25 A @ 0.25 to 12 Vdc
L4006A1132/U	5.1A @ 240 Vac; 8A @ 120 Vac	30.6A @ 240 Vac; 48A @ 120 Vac	0.25 A @ 0.25 to 12 Vdc
L4006A1678/U	5.1A @ 240 Vac; 8A @ 120 Vac	30.6A @ 240 Vac; 48A @ 120 Vac	0.25 A @ 0.25 to 12 Vdc
L4006A1959/U	1.3A @ 240 Vac; 2.6A @ 120 Vac	7.8A @ 240 Vac; 15.6A @ 120 Vac	—
L4006A1967/U	5.1A @ 240 Vac; 8A @ 120 Vac	30.6A @ 240 Vac; 48A @ 120 Vac	0.25 A @ 0.25 to 12 Vdc
L4006A2007/U	5.1A @ 240 Vac; 8A @ 120 Vac	30.6A @ 240 Vac; 48A @ 120 Vac	0.25 A @ 0.25 to 12 Vdc
L4006B	5.1A @ 240 Vac; 8A @ 120 Vac	30.6A @ 240 Vac; 48A @ 120 Vac	0.25 A @ 0.25 to 12 Vdc
L4006E,H	1.3A @ 240 Vac; 8A @ 120 Vac	30.6A @ 240 Vac; 48A @ 120 Vac	0.25 A @ 0.25 to 12 Vdc
L6006A,C	5.1A @ 240 Vac; 8A @ 120 Vac	30.6A @ 240 Vac; 48A @ 120 Vac	0.25 A @ 0.25 to 12 Vdc

Product Number	Application	Differential Temperature		Well Spud Size		Capillary Length		Switching Action	Operating Temperature Range		Mounting	Includes
		(F)	(F)	(inch)	(mm)	(inch)	(mm)		(F)	(F)		
L4006A1009/U	High or Low limit	5 F Fixed	3 C fixed	1/2 in. NPT	13 mm NPT	1 1/2 in.	38 mm	SPST, contacts break on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	1/2 in. well - 123869A
L4006A1017/U	High or Low limit	5 F to 30 F adj.	3 C to 17 C adj.	1/2 in. NPT	13 mm NPT	1 1/2 in.	38 mm	SPST, contacts break on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	1/2 in. well - 123869A
L4006A1132/U	High or Low limit	5 F Fixed	3 C fixed	3/4 in. NPT	19 mm NPT	3 in.	76 mm	SPST, contacts break on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	Stop factory-set at 160 F (71 C); 3/4 in. well - 123871A
* L4006A1678/U	High or Low limit	5 F to 30 F adj.	3 C to 17 C adj.	—	—	3 in.	76 mm	SPST, contacts break on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	Heat-conductive compound; Stop factory-set at 240 F (116 C)
* L4006A1959/U	High or Low limit	5 F Fixed	3 C fixed	—	—	3 in.	76 mm	SPST, contacts break on temperature rise.	40 F to 180 F	4 C to 82 C	Horizontal or Vertical	Heat-conductive compound

* TRADELINE models • SUPER TRADELINE models

Aquastat Controllers

Product Number	Application	Differential Temperature		Well Spud Size		Capillary Length		Switching Action	Operating Temperature Range		Mounting	Includes
		(F)	(F)	(inch)	(mm)	(inch)	(mm)		(F)	(F)		
* L4006A1967/U	High or Low limit	5 F to 30 F adj.	3 C to 17 C adj.	1/2 in.	13 mm	1 1/2 in.	38 mm	SPST, contacts break on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	Stop factory-set at 240 F (116 C); 1/2 in. well - 123869A
L4006A2007/U	High or Low limit	5 F to 30 F adj.	3 C to 17 C adj.	—	—	3 in.	76 mm	SPST, contacts break on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal	—
L4006B1007/U	Circulator	5 F Fixed	3 C fixed	1/2 in.	13 mm	1 1/2 in.	38 mm	SPST, contacts make on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	1/2 in. well - 123869A
* L4006B1155/U	Circulator	5 F to 30 F adj.	3 C to 17 C adj.	—	—	3 in.	76 mm	SPST, contacts make on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	Heat-conductive compound; Stop factory-set at 240 F (116 C)
L4006B1163/U	Circulator	5 F to 30 F adj.	3 C to 17 C adj.	—	—	3 in.	76 mm	SPST, contacts make on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	—
* L4006E1067/U	High Limit; Manual Reset	Manual Reset	Manual Reset	—	—	3 in.	76 mm	SPST, contacts break on temperature rise.	130 F to 270 F	54 C to 132 C	Horizontal or Vertical	Well adapter; Stop factory-set at 250 F (121 C); Heat-conductive compound
L4006E1091/U	High Limit; Manual Reset	Manual Reset	Manual Reset	—	—	3 in.	76 mm	SPST, contacts break on temperature rise.	130 F to 270 F	54 C to 132 C	Horizontal or Vertical	—
L4006E1109/U	High Limit; Manual Reset	Manual Reset	Manual Reset	—	—	1 1/2 in. to 3 in.	38 mm to 76 mm	SPST, contacts break on temperature rise.	130 F to 270 F	54 C to 132 C	Horizontal or Vertical	—
L4006E1117/U	High Limit; Manual Reset	Manual Reset	Manual Reset	3/4 in. - 14 NPT	19 mm - 14 NPT	1 1/2 in.	38 mm	SPST, contacts break on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	3/4 in. well - 123870A
L4006E1125/U	High Limit; Manual Reset	Manual Reset	Manual Reset	—	—	3 in.	76 mm	SPST, contacts break on temperature rise.	100 F to 200 F	38 C to 93 C	Horizontal or Vertical	—
* L4006H1004/U	High Limit; strap-on mounting on well mount.	Manual Reset	Manual Reset	—	—	1 1/2 in.	38 mm	SPST, contacts break on temperature rise.	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	Bracket for strap-on mounting; Heat-conductive compound; Stop factory-set at 240 F (116 C)
L6006A1004/U	Circulator Control and High Limit or Low Limit	5 F	3 C	1/2 in.	13 mm	1 1/2 in.	38 mm	SPDT	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	1/2 in. well - 123869A
L6006A1012/U	Circulator Control and High Limit or Low Limit	5 F to 30 F adj.	3 C to 17 C adj.	1/2 in.	13 mm	1 1/2 in.	38 mm	SPDT	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	1/2 in. well - 123869A
L6006A1145/U	Circulator Control and High Limit or Low Limit	5 F to 30 F adj.	3 C to 17 C adj.	—	—	3 in.	76 mm	SPDT	100 F to 240 F	38 C to 116 C	Horizontal	Heat-conductive compound; Stop factory-set at 240 F (116 C)
L6006A1244/U	Circulator Control and High Limit or Low Limit	5 F to 30 F adj.	3 C to 17 C adj.	—	—	3 in.	76 mm	SPDT	100 F to 240 F	38 C to 116 C	Horizontal or Vertical	—
* L6006C1018/U	Circulator Control and High Limit or Low Limit	5 F to 30 F adj.	3 C to 17 C adj.	—	—	—	—	SPDT	65 F to 200 F	18 C to 93 C	Horizontal or Vertical or Strap-on-mounting	Stop factory-set at 200 F (93 C)
* TRADELINE models • SUPER TRADELINE models												