

Single and Multi-Function Aquastat Controllers

L4103 Combination Aquastat® and High Limit Controller

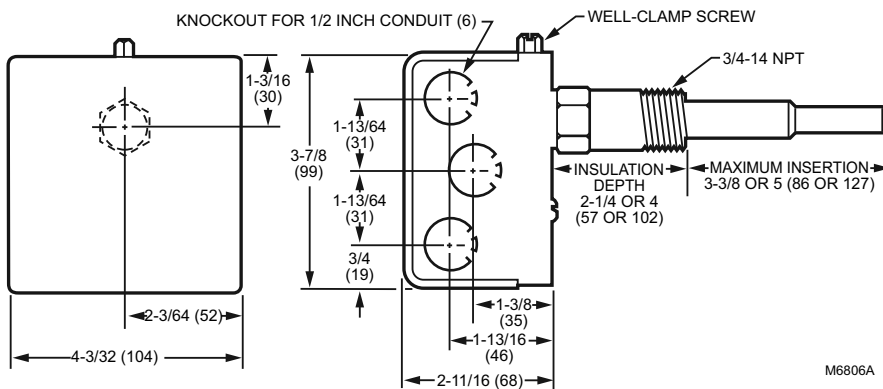


The L4103A,B is an immersion-type controller for oil-fired water heaters. The Aquastat® Controller senses water temperature and cycles the burner through the oil primary. The high-limit controller breaks the circuit to the burner on a temperature rise past the factory-set setpoint. The L4103C is an immersion-type controller for gas systems that provides water temperature regulation. The high-limit controller breaks the circuit to the burner on a temperature rise past the factory-set setpoint.

- L4103A,B,C have a sensing element and a high limit sensor with automatic reset.
- Mounts on a horizontal immersion well in water heater wall.
- Adjustable temperature setting scale.
- Fluid-filled element operates SPST, Micro Switch® snap-acting switch.
- Integral, nonadjustable high limit. L4103C is an immersion controller for gas systems.
- L4103A,B is an immersion controller for oil systems.

Residential
Combustion Controls

Dimensions in inches (millimeters)



Case Dimensions: 4 3/32 in. wide x 3 7/8 in. high x 2 11/16 in. deep (104 mm wide x 99 mm high x 68 mm deep.)

Operating Temperature Range: 100 F to 240 F stop set at 150 F (Scale marked- Hot-Normal-Warm); (38 C to 116 C stop set at 66 C (Scale marked- Hot-Normal-Warm))

Electrical Ratings: 5A @ 240 Vac; 8A @ 120 Vac (Full Load), 30A @ 240 Vac; 48A @ 120 Vac (Locked Rotor)

Approvals:
Underwriters Laboratories Inc. UL Component Recognized: File No. MP466, Guide No. MBPR2.

Product Number	Application	Differential Temperature		Spud Size		Insulation Depth		Switching Action	Mounting
		(F)	(C)	(inch)	(mm)	(inch)	(mm)		
L4103A1019	High Limit	7 F ± 4 F	3.9 C ± 2 C	3/4 in. NPT	19 mm NPT	4 in.	102 mm	SPST, contacts break on temperature rise.	Mounts on a horizontal immersion well in water heater wall.
L4103A1100	High Limit	7 F ± 4 F	3.9 C ± 2 C	3/4 in. NPT	19 mm NPT	2 1/4 in.	57 mm	SPST, contacts break on temperature rise.	Mounts on a horizontal immersion well in water heater wall.