

Standard Digital Temperature Controller

Key Specifications

Working Temperature: Up to 170°C

Temperature Stability: $\pm 0.04^\circ\text{C}$

Maximum Pressure: psi (bar)

120 VAC/60 Hz Models 3.5 (0.24)

240 VAC/50 Hz Models 2.9 (0.2)

Maximum Flow Rate: Pressure

gpm (l/min)

120 VAC/60 Hz Models 2.9 (11.0)

240 VAC/50 Hz Models 2.7 (10.2)



Features:

- Intuitive 3.75" (9.5 cm) display with touch-pad control
- 2-speed pressure pump with external (closed-loop) circulation capability
- Swivel 180™, LidDock™, DuraTop™
- On-board connectivity: RS232
- Automatic performance optimization
- Single-point calibration
- Complies with DIN 12876-1 Class I safety requirements for use with non-flammable liquids



Easy to use calibration function allows you to adjust the temperature display to match that of a traceable temperature standard.



Highly intuitive operator interface makes changing the temperature set point or making other operational adjustments simple and straightforward.

For additional information on the Standard Digital Controller's features and capabilities, see pages 24 and 25.



7 Liter: +170°C	15 Liter: +170°C	20 Liter: +170°C	28 Liter: +170°C
Temperature Range: Ambient +10° to +170°C	Temperature Range: Ambient +10° to +170°C	Temperature Range: Ambient +10° to +170°C	Temperature Range: Ambient +10° to +170°C
Working Access (L x W x D): 6.18 x 5.59 x 5" 15.7 x 14.2 x 12.7 cm	Working Access (L x W x D): 8.35 x 10.88 x 5.5" 21.2 x 27.6 x 14 cm	Working Access (L x W x D): 9.85 x 12.45 x 5.5" 25 x 31.6 x 14 cm	Working Access (L x W x D): 12.35 x 14.13 x 5.5" 31.4 x 35.9 x 14 cm
Overall Dimensions (L x W x H): 19.6 x 8.7 x 16.1" 49.9 x 22.1 x 40.9 cm	Overall Dimensions (L x W x H): 22.4 x 14.5 x 16.6" 56.9 x 36.8 x 42.2 cm	Overall Dimensions (L x W x H): 24 x 16.5 x 16.6" 61 x 41.9 x 42.2 cm	Overall Dimensions (L x W x H): 26.5 x 18 X 16.6" 67.2 x 45.7 x 42.2 cm

Reservoir Size	7 Liter	15 Liter	20 Liter	28 Liter
Temperature Range	Ambient +10° to +170°C			
Heater	1100 W (60 Hz)/2200 W (50 Hz)			
Part Number 120 VAC/60 Hz	SD07H170 A11B	SD15H170 A11B	SD20H170 A11B	SD28H170 A11B
Part Number 240 VAC/50 Hz	SD07H170 A12E	SD15H170 A12E	SD20H170 A12E	SD28H170 A12E

Electrical plugs for the part numbers listed are standard U.S. and European types. See page 128 for additional plug types and part numbers.