

Standard Digital Temperature Controller

Key Specifications

Working Temperature: From 30° 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™, WhisperCool™, Cool Command™
- 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



Highly intuitive operator interface makes changing set point and other operating parameters quick and simple.



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

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



7 Liter: 20°C, Low Profile

7 Liter: 20°C

Temperature Range:
20° to +170°C

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20° 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

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6.18 x 5.59 x 5"
15.7 x 14.2 x 12.7 cm

Overall Dimensions (L x W x H):
23.2 x 16.2 x 16.2"
58.9 x 41.1 x 41.1 cm

Overall Dimensions (L x W x H):
21.3 x 8.7 x 24.3"
54.1 x 22.1 x 61.7 cm



15 Liter: 30°C

20 Liter: 30°C

28 Liter: 30°C

Temperature Range:
30° to +170°C

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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):
22.4 x 14.5 x 26.9"
56.9 x 36.8 x 68.3 cm

Overall Dimensions (L x W x H):
24 x 16.6 x 26.9"
61 x 41.9 x 68.3 cm

Overall Dimensions (L x W x H):
26.5 x 18 x 26.9"
67.2 x 45.7 x 68.3 cm



Reservoir Size	7 Liter Low Profile	7 Liter	15 Liter	20 Liter	28 Liter
Temperature Range	20° to +170°C	20° to +170°C	30° to +170°C	30° to +170°C	30° to +170°C
Cooling Capacity @ 20°C	200 W		915 W		
Heater	1100 W (60 Hz)/2200 W (50 Hz)				
Part Number 120 VAC/60 Hz	SD7LR 20 A11B	SD07R 20 A11B	SD15R 30 A11B	SD20R 30 A11B	SD28R 30 A11B
Part Number 240 VAC/50 Hz	SD7LR 20 A12E	SD07R 20 A12E	SD15R 30 A12E	SD20R 30 A12E	SD28R 30 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.