

Advanced Digital Temperature Controller

Key Specifications

Working Temperature: Up to 200°C

Temperature Stability: $\pm 0.01^\circ\text{C}$

Maximum Pressure: psi (bar)

120 VAC/60 Hz Models 4.3 (0.3)

240 VAC/50 Hz Models 3.6 (0.25)

Maximum Flow Rate: Pressure Suction

gpm (l/min) gpm (l/min)

120 VAC/60 Hz Models 5.3 (20.1) 3.9 (14.7)

240 VAC/50 Hz Models 4.4 (16.7) 3.2 (12.2)



Features:

- Intuitive 3.75" (9.5 cm) display with touch-pad control
- 4 languages: French, German, Spanish, English
- Variable-speed pressure/suction pump with external circulation and temperature control capability
- Swivel 180™, LidDock™, DuraTop™
- On-board connectivity: USB-A & B, RS232/485, Ethernet and external temperature probe
- Automatic and/or user-adjustable performance optimization
- Single-point calibration
- Complies with DIN 12876-1 Class III safety requirements for use with flammable liquids



On screen prompts in English, French, Spanish, or German guide you through setup and operation.



Class III safety features plus user settable over temperature safety and adjustable high and low temperature limits provide exceptional process and equipment protection.

For additional information on the Advanced Digital Controller's features and capabilities, see pages 22 and 23.



7 Liter: +200°C	15 Liter: +200°C	20 Liter: +200°C	28 Liter: +200°C
Temperature Range: Ambient +10° to +200°C	Temperature Range: Ambient +10° to +200°C	Temperature Range: Ambient +10° to +200°C	Temperature Range: Ambient +10° to +200°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 +200°C			
Heater	1100 W (60 Hz)/2200 W (50 Hz)			
Part Number 120 VAC/60 Hz	AD07H200 A11B	AD15H200 A11B	AD20H200 A11B	AD28H200 A11B
Part Number 240 VAC/50 Hz	AD07H200 A12E	AD15H200 A12E	AD20H200 A12E	AD28H200 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.