

Performance Digital Temperature Controller

Key Specifications

Working Temperature: Up to 200°C

Temperature Stability: $\pm 0.005^\circ\text{C}$

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)

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 4.3" (10.9 cm) SmartTouch display
- 11 languages: French, German, Spanish, Chinese, Portuguese, Russian, Hindi, Arabic, Italian, Korean, English
- Variable-speed pressure/suction pump with external circulation and temperature control capability
- Swivel 180™, LidDock™, DuraTop™
- On-board connectivity: USB-A & B, Ethernet, RS232/485, remote on/off and external temperature probe
- Event scheduling (time & date) with real-time clock and temperature trends for up to 10 days
- Multiple, selectable "home" screens and on-screen help
- Automatic and/or user-adjustable performance optimization and 10-point calibration capability
- Complies with DIN 12876-1 Class III safety requirements for use with flammable liquids
- Includes Enhanced Performance Hardware & Software Package
- Available with DeviceNet™/CANbus, Modbus®, and Profibus® options



External temperature probe control compensates for heat loss, keeping external devices at the precise temperature required.



Making a temperature set point change is fast and easy whether it's a half of degree or a hundred.



For additional information on the Performance Digital Controller's features and capabilities, see pages 20 and 21.



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	PD07H200 A11B	PD15H200 A11B	PD20H200 A11B	PD28H200 A11B
Part Number 240 VAC/50 Hz	PD07H200 A12E	PD15H200 A12E	PD20H200 A12E	PD28H200 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.