

Advanced Programmable 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)

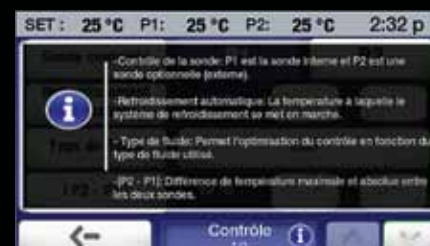
240 VAC/50 Hz Models 3.6 (0.25)

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:

- Time/temperature programming (ten 100-step programs)
- Intuitive 4.3" (10.9 cm) SmartTouch display
- 6 languages: French, German, Spanish, Chinese, Arabic, 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
- Event scheduling (time & date), real-time clock and temperature trends for up to 10 days
- Selectable "home" screens and on-screen help
- Automatic and/or user-adjustable performance optimization
- 5-point calibration capability
- Complies with DIN 12876-1 Class III safety requirements for use with flammable liquids



Multiple connectivity options give you a variety of ways to log data and control circulator operation.

All screens and menus, including on line help, can be displayed in any of six different languages: English, French, German, Spanish, Chinese, or Arabic.

For additional information on the Advanced Programmable Controller's features and capabilities, see pages 18 and 19.



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	AP07H200 A11B	AP15H200 A11B	AP20H200 A11B	AP28H200 A11B
Part Number 240 VAC/50 Hz	AP07H200 A12E	AP15H200 A12E	AP20H200 A12E	AP28H200 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.