

7 Liter Heated Circulator



AD07H200

Key Specifications

Description	200, 7 L Htg. Circulator
Controller Type	Advanced Digital
Display	3.75" Touch-Pad LCD
Connectivity	Ethernet, USB A & B, RS232/addressable RS485, External Temperature Probe
Languages Supported	4: French, German, Spanish, English
Swivel 180 Rotating Controller	Yes
Working Temperature Range °C	Ambient +10° to 200°
Temperature Stability °C	±0.01°
Fluid Optimization/Specific Heat Tuning	Automatic and/or user-adjustable
Temperature Calibration Capability	1-point
Working Access (L x W x D) (cm)	15.7 x 14.2 x 12.7 cm
Pump Type	Pressure/Suction
External Temperature Control Capability	Yes

Flammability Class (DIN 12876-1) III (FL)

Key Features

Advanced Digital Controller

Key Features

- Intuitive 3.75" (9.5 cm) display with touch-pad control
- 4 languages: French, German, Spanish, English
- Swivel 180™ Rotating Controller
- On-board connectivity: USB-A & B, Ethernet, RS-232/RS-485 and external temperature probe
- On-screen prompts
- Automatic performance optimization and specific heat tuning
- Single-point calibration capability

Common Specifications

Working Temperature Range °F	Ambient + 20° to 392°
Working Temperature Range °C	Ambient +10° to 200°
Reservoir Capacity (gallons)	1.85
Reservoir Capacity (liters)	7
Reservoir/Tank Material	Stainless Steel
Reservoir Cover	Included
DuraTop	Yes
LidDock	Yes
Working Access (L x W x D) (inches)	6.18 x 5.59 x 5 in
Working Access (L x W x D) (cm)	15.7 x 14.2 x 12.7 cm
Temperature Stability °F	±0.02°
Temperature Stability °C	±0.01°
Display	3.75" Touch-Pad LCD
Display Resolution (Set)	0.01
Display Resolution (Read)	0.01
Pump Type	Pressure/Suction
Pump Speed	Variable
Process Connections	1/4" (F) NPT
External Temperature Control Capability	Yes

Flammability Class (DIN 12876-1)	III (FL)
Over-Temperature Protection / Failsafe Heater Control	Yes
Low Liquid Level Protection	Yes
Reservoir Drain	Yes
Cooling Coil	Yes
Included Software	PolyTemp Viewer, USB driver
Maximum Ambient Temperature °F	95°
Maximum Ambient Temperature °C	35°
Overall Dimensions (L x W x H) (inches)	19.6 x 8.7 x 16.1 in
Overall Dimensions (L x W x H) (cm)	49.9 x 22.1 x 40.9cm
Environmental Compliance	RoHS, WEEE
Shipping Weight (pounds)	42.0
Shipping Weight (kilograms)	19.0
Catalog Page Number	56-57

60 Hz Only

Part Number	AD07H200-A11B
Maximum Pressure (psi)	4.3
Maximum Pressure (bar)	0.30
Maximum Pressure Flow Rate (gpm)	5.30
Maximum Pressure Flow Rate (l/min)	20.1
Maximum Suction Flow Rate (gpm)	3.9
Maximum Suction Flow Rate (l/min)	14.7
Included Hardware	Nylon hose adapters for 3/8", 1/4", and 3/16"
Heater Wattage	1100
Electrical Requirements (VAC/Hz/Ph/A)	120/60/1/10
Regulatory Approvals	ETL

50 Hz Only

Part Number	AD07H200-A12E
Maximum Pressure (psi)	3.6
Maximum Pressure (bar)	0.25

Maximum Pressure Flow Rate (gpm)	4.40
Maximum Pressure Flow Rate (l/min)	16.7
Maximum Suction Flow Rate (gpm)	3.2
Maximum Suction Flow Rate (l/min)	12.2
Included Hardware	Nylon hose adapters for 3/8", 1/4", and 3/16", and 1/4" NPT to M16 adapter
Heater Wattage	2200
Electrical Requirements (VAC/Hz/Ph/A)	240/50/1/10
Regulatory Approvals	CE

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