



PROVAC

SALES

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WWW.PROVAC.COM

PolyScience 7 Liter Circulator

Technical Specifications

Model Type	Reservoir Capacity	Temperature Range	Electrical Requirements	
			60Hz Units	50Hz Units
AD7LR-20 Refrigerating / Heating Bath	7 liters	-20° to 200°C -4° to 392°F	120V, 60Hz, 12A	240V, 50Hz, 12A
AD07R-20 Refrigerating / Heating Bath	7 liters	-20° to 200°C -4° to 392°F	120V, 60Hz, 12A	240V, 50Hz, 12A
AD07R-40 Refrigerating / Heating Bath	7 liters	-40° to 200°C -40° to 392°F	120V, 60Hz, 12A	240V, 50Hz, 12A

Temperature Stability:	±0.01C (±0.02°F)	
Pump Type:	Variable speed pressure/suction	
	<u>60Hz models</u>	<u>50Hz models</u>
Maximum Pressure:	4.3 psi (0.30 bar)	3.6 psi (0.25 bar)
Maximum Pressure Flow Rate:	5.3 gpm (20.1 lpm)	4.4 gpm (16.7 lpm)
Maximum Suction Flow Rate:	3.9 gpm (14.7 lpm)	3.2 gpm (12.2 lpm)
Heater Wattage:	1100 watts	2200 watts
Description	-20, 7 L Low Ref. 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	-20° 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)	



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PolyScience 7 Liter Circulator Features & Benefits

- intuitive display with touchpad control
- swivel rotating controller
- on-board connectivity
- on-screen prompts
- automatic performance optimization & specific heat tuning
- single-point calibration capability

