

# Technical Information

## Performance Specifications

Operating Temperature Range:	Model dependent; see table below	
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

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
AD15R-30 Refrigerating / Heating Bath	15 liters	-30° to 200°C -22° to 392°F	120V, 60Hz, 13A	240V, 50Hz, 13A
AD15R-40 Refrigerating / Heating Bath	15 liters	-40° to 200°C -40° to 392°F	120V, 60Hz, 13A	240V, 50Hz, 13A
AD20R-30 Refrigerating / Heating Bath	20 liters	-30° to 200°C -22° to 392°F	120V, 60Hz, 13A	240V, 50Hz, 13A
AD28R-30 Refrigerating / Heating Bath	28 liters	-30° to 200°C -22° to 392°F	120V, 60Hz, 13A	240V, 50Hz, 13A
AD45R-20 Refrigerating / Heating Bath	45 liters	-25° to 135°C -13° to 275°F	208-240V, 50/60Hz, 12A	208-240V, 50/60Hz, 12A
AD07H200 Heating Only Bath	7 liters	Ambient +10° to 200°C Ambient +20° to 392°F	120V, 60Hz, 10A	240V, 50Hz, 10A
AD15H200 Heating Only Bath	15 liters	Ambient +10° to 200°C Ambient +20° to 392°F	120V, 60Hz, 10A	240V, 50Hz, 10A
AD20H200 Heating Only Bath	20 liters	Ambient +10° to 200°C Ambient +20° to 392°F	120V, 60Hz, 10A	240V, 50Hz, 10A
AD28H200 Heating Only Bath	28 liters	Ambient +10° to 200°C Ambient +20° to 392°F	120V, 60Hz, 10A	240V, 50Hz, 10A
AD06S150 Open Bath System	6 liters	Ambient +10° to 150°C Ambient +20° to 302°F <sup>(1)</sup>	120V, 60Hz, 10A	240V, 50Hz, 10A
AD10S150 Open Bath System	10 liters	Ambient +10° to 150°C Ambient +20° to 302°F <sup>(1)</sup>	120V, 60Hz, 10A	240V, 50Hz, 10A
AD20S150 Open Bath System	20 liters	Ambient +10° to 150°C Ambient +20° to 302°F <sup>(1)</sup>	120V, 60Hz, 10A	240V, 50Hz, 10A
AD28S150 Open Bath System	28 liters	Ambient +10° to 150°C Ambient +20° to 302°F <sup>(1)</sup>	120V, 60Hz, 10A	240V, 50Hz, 10A
AD29VB5R Viscosity Bath	29 liters	Ambient +10° to 85°C Ambient +20° to 185°F <sup>(2)</sup>	120V, 60Hz, 10A	240V, 50Hz, 10A
AD29VB3S Viscosity Bath	29 liters	Ambient +10° to 85°C Ambient +20° to 185°F <sup>(2)</sup>	120V, 60Hz, 10A	240V, 50Hz, 10A

1. Maximum operating temperature at which ±0.01°C temperature stability can be maintained; Advanced Digital Controller is capable of higher temperatures.