

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
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
AD7LR-20 Refrigerating / Heating Bath	7 liters	-20° to 200 °C -4° 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

Environmental Conditions	Indoor use only
Maximum Altitude:	2000 meter
Operating Ambient:	5° to 35 °C (41° to 95 °F)
Relative Humidity:	80%, non-condensing
Installation Category:	II
Pollution Degree:	2
Ingress Protection:	IP 31
Climate Class:	SN
Software Class:	B
Output Waveform:	Sinusoidal

Specifications subject to change without notice.