

Specification Table - Arctic R32 DC Inverter Pool/Spa Heat Pumps

							
Model		MALCRW	015ZA(B)-R32	025ZA(B)-R32	040ZA(B)-R32	060ZA(B)-R32	080ZB(B)-R32
Power Supply		V/P/Hz	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60
Rated Heating Capacity	Ambient Temp 27°C Water Outlet 26.67°C	kW	7.5	12.5	18.0	28.0	35.3
Heating Power Input		kW	1.2	1.80	3.00	4.40	6.50
Heating Current Input		A	5.2	7.8	13.0	19.1	27.4
Co-Efficiency of Performance		COP	6.3	6.9	6.0	6.4	5.4
Rated Heating Capacity	Ambient Temp 15°C Water Outlet 28°C	kW	6.5	10.6	13.8	23.7	26.7
Heating Power Input		kW	1.53	2.39	3.40	6.06	7.27
Heating Current Input		A	6.4	9.9	14.2	27.1	31.8
Co-Efficiency of Performance		COP	4.2	4.4	4.1	3.9	3.7
Rated Heating Capacity	Ambient Temp 0°C Water Outlet 28°C	kW	4.3	7.6	11.3	17.9	19.4
Heating Power Input		kW	1.37	2.48	3.50	6.11	7.19
Heating Current Input		A	5.8	10.4	14.6	27.4	32.0
Co-Efficiency of Performance		COP	3.1	3.1	3.2	2.9	2.7
Total Load		A	9.20	16.90	21.70	31.90	38.60
Breaker Sizing		A	15.0	20.0	25.0	35.0	40.0
Nominal Water Flow Volume		GMP/m³/h	11.7/2.7	19.35/4.4	27.45/6.2	43.2/9.8	53.55/12.2
Water HX Pressure Drop @ Nom Flow		kPa	1	3	7	20	25
Water Inlet/Outlet Threaded Connection		inch	1-1/2"				
Refrigerant			R32				
Refrigerant Amount		oz/kg	17.64/0.5	24.69/0.7	45.86/1.3	67.02/1.9	95.24/2.7
Sound Level		dB(A)	48	52	54	54	58
IP Rating			IPX4				
Net Weight		kg/LBS	49/108	61/134.5	73/161	105/231.5	115/253.5
Unit Dimensions(L/W/H)		mm	1010/370/620	1020/440/730	1020/440/880	1000/440/1395	780/880/1160
Unit Dimensions(L/W/H)		inches	39.8"/14.6"/24.4"	40.2"/17.3"/28.7"	40.2"/17.3"/34.6"	39.4"/17.3"/54.9"	30.7"/34.6"/45.7
Certification No. and Standards			 UL 60335-1:2016 UL60335-2-40:2022 CAN/CSA-C22.2 NO. 60335-1:16 CSA C22.2 No. 60335-2-40:22				