

INVERTER HEAT PUMPS



Simply A Better Choice



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KEY FEATURES

- Full inverter technology dynamically regulates compressor and fan speed depending on the environment and pool temperature requirements.
- Energy efficient - only draws power as needed to reduce heat times and running costs.
- Twin rotary Mitsubishi inverter - leaders in Inverter Technology.
- Extremely quiet.
- Blue Fin anti-corrosion coating.
- Titanium heat exchanger.



ULT Series

Ai Series

SAVE MONEY ON YOUR ELECTRICITY BILL!

Ai SERIES - TECHNICAL INFORMATION

MODEL:	Ai13	Ai17	Ai21	Ai28	Ai35T
Rated input power (kW)	2.1-0.25	2.5-0.33	3.33-0.44	4.0-0.58	5.2-0.79
Power Supply	230V / 1 Ph / 50Hz				400V / 3 Ph / 50Hz
Water flow (LPM)	85-115	105-140	130-165	165-200	200-300
Net Dimensions LxWxH (mm)	961x312x658	961x392x658	961x392x758	1090x420x960	1160x530x960
Performance Condition: Air 26°C / Water 26°C / Humidity 80%					
Heating capacity (kW)	13.5	17.5	21.5	28.2	36.5
Heating capacity (kW) in silence mode	10.6-3.4	14.0-4.4	17.0-5.4	22.1-7.1	29.2-9.2
C.O.P	15	15	15	15	15
Performance Condition: Air 15°C / Water 26°C / Humidity 70%					
Heating capacity (kW)	9.5	11.5	14.5	18.3	24.2
Heating capacity (kW) in silence mode	7.6-2.3	9.0-2.8	11.5-3.4	14.9-4.6	19.5-6.2
C.O.P	8.0-4.6	8.2-4.5	8.1-4.5	8.3-4.6	8.4-4.7

ULT SERIES - TECHNICAL INFORMATION

MODEL:	ULT9-5	ULT15	ULT21	ULT25	ULT35-V
Power Supply	10A Plug	220V / 1 Ph / 50-60Hz			380-415V / 3 Ph
Water flow (LPM)	60-90	85-120	120-160	135-185	210-240
Net Dimensions LxWxH (mm)	896x353x644	980x353x660	1096x447x680		1055x785x845
Performance Condition: Ambient 26°C, Inlet/Outlet 26/28°C, Humidity 80%					
Heating capacity (kW)	9.5	15.3	21.2	25.3	35.2
Power Input (kW)	0.12-1.46	0.24-2.41	0.33-3.59	0.34-4.3	0.79-5.77
C.O.P.	14.5-6.5	14.4-6.3	14.3-5.9	14.1-5.9	14.8-6.1
Performance Condition: Ambient 15°C, Inlet/Outlet 26/28°C, Humidity 70%					
Heating capacity (kW)	7.9	11.15	14.2	17.1	24
Power Input (kW)	0.19-1.49	0.39-2.23	0.47-2.88	0.49-3.47	1.31-5.25
C.O.P.	7.7-5.3	7.6-5	7.5-4.9	7.8-4.9	6.8-4.7

All units must be wired in by a licensed electrician. The indicated sizing guide is calculated based on the following conditions: Pool set temp of 28°C, pool is in a suburban location with normal wind, pool is covered with an insulated cover, heat pump able to run up to 15 hours per day. Outside of these conditions please ask for advice. Information to be used as a guide only. Data is subject to modification without notice.

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