

ULTRA HYDRONIC HEAT PUMP

MANUFACTURED BY:



Ultra hydronic heat pumps have been developed to continuously absorb low grade heat from the surrounding ambient air and transform this into usable high grade heat, which is then transferred to water via a high efficiency heat exchanger to ensure reliable, stable hot water supply.

Its compact modular design makes it perfect for environments where reliability is a must and space is in high demand.



**3 YEAR*
WARRANTY**



ULTRA HYDRONIC HEAT PUMP

- Modular units can be combined to provide a system from 28-576 kW, with centralised control
- Ultra high water outlet temperature from 30°C to 55°C
- Up to 4 times more energy efficient than other types of Hot Water Heating Systems
- Wide operation range from -26°C to 46°C outside ambient air temperature
- To be installed with Hunt Heating recommended accessories including: Primary Pump, Expansion Tank, Fill Valve Assembly, Filter and Pressure Gauge
- Comes complete with control unit that is also suitable for cascade installations
- Vertical fan discharge

Supplied by:



HUNT HEATING
The smart choice.

OPTIONAL BUFFER TANK



OPTIONAL AQUA PLUS STORAGE TANK FOR DHW



EUROPEAN EMC CERTIFICATE

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Technical Data		Unit of Measurement	ULTRA 28 KW	ULTRA 36 KW
Heating Capacity		kW	28	36
Rated Power Input		kW	10.1	13.2
Rated Current Input		A	20	24
COP		W/W	3.83	3.87
Water Temperature Range		°C	30 - 55	
Operating Temperature Range		°C	-20 - 46	
Power Supply		-	3 phase	
Power		-	380-415V 3N - 50Hz	
Compressor	Type	-	Totally Enclosed Vortex Compressor	
	Quantity	unit	1	
Refrigerant	Name	-	R410A	
	Charge Volume	kg	4.2	
Heat Exchanger	Air Side	-	Fin Heat Exchanger	
	Water Side	-	Tube in Tube Heat Exchanger	
Fan	Type	-	Low Noise Axial Flow Fan	
	Air Discharge Type	-	Top Air Discharge	
	Airflow	m³/h	11400	
Water System	Circulating Water Flow	m³/h	4.8	6.2
	Water Pressure	kPa	70	130
	Maximum Bearing Pressure	MPa	0.8	
	Diameter of Air Inlet and Outlet Pipe	in	G 1-1/4	
Noise		dB(A)	≤ 67	
Unit Net Weight		kg	242	260

Connection Sizes		
	28 KW	36 KW
Flow	1 1/4"	1 1/4"
Return	1 1/4"	1 1/4"

