

Super High Temperature Heat Pump

This series of heat pumps can generate hot water up to 90°C using a refrigerant R1234ze. The heat pumps are ideal to be used in industrial applications because of ultra low GWP and heating capacity up to 1000 KW.



FEATURES :-

- Water outlet temperature up to 90°C
- Capacity ranging from 280 to 1000 KW
- Smart display controller
- Ultra low GWP
- Hanbell screw compressor
- Water flow rate protection system
- High pressure protection system
- Over-current protection system
- PLC with RS485 connection

		RS-SHT-280V	RS-SHT-320V	RS-SHT-420V	RS-SHT-500V
Heating Capacity	KW	280	320	420	504
COP		2.1	2.0	2.2	2.2
Rated Hot Water Output	LPH	4000	4600	6000	7200
Rated Water Temp.	°C	85			
Max Water Temp.	°C	90			
Input Power	KW	136	157	194	233
Current	A	278	323	402	484
Power Supply		380~415V/50Hz/3Ph			
Compressor		Screw (Hanbell)			
Number of Compressor		1			
Heat Exchanger (Evaporator)		Blue Finned Evaporator Coil			
Condenser		Shell and Tube Condenser			
Fan Quantity	Piece	6	6	8	8
Water Flow	m ³ /hr	48	55	72	87
Ambient Temperature	°C	20-43			
Refrigerant		R1234ze			
Noise at 1 Meter	dB(A)	≤75	≤76	≤77	≤78
Pipe Size	inch	R3	R3	R4	R5
Dimension (L X W X H)	mm	3400 × 2100 × 2400	3400 × 2100 × 2400	4500 × 2100 × 2400	4500 × 2100 × 2400
Weight	kg	2900	3050	3200	3250

Testing Condition: Inlet/Outlet Water Temp.(Condenser Side)= 30°C/90°C