

PERFECT HOT WATER SOLUTIONS FOR
COMMERCIAL SPACE, ANYTIME.



COMMERCIAL HEAT PUMPS

The commercial HEAT PUMP is one of many energy-efficient technologies which draw heat from renewable sources. Our impressive line of environmentally friendly offerings has now been expanded to include such innovative commercial products in the market. The commercial heat pumps are extremely versatile and can be configured and equipped for hot water supply of commercial projects which need large water volume supply.



R410A
Eco-refrigerant

60^{0c}
MAX. Hot Water



Intelligent Defrost

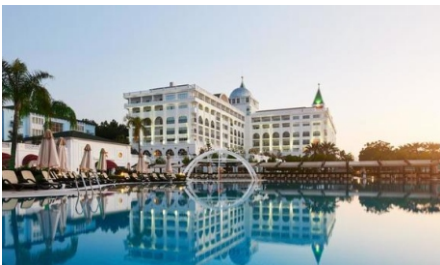
SAVE **75%** ENERGY
THAN ELECTRIC HEATER

APPLICATIONS

High Rise Apartments



Hotels



Hospitals



Commercial Heat Pump

Model	ST-HP-12	ST-HP-20	ST-HP-25	ST-HP-40	ST-HP-55	ST-HP-80	ST-HP-100
Heating Capacity	12 KW	20 KW	25 KW	40 KW	55 KW	80 KW	102 kW
Power Supply (V/Ph/Hz)	220-240/1/50	380 / 3 / 50					
Rated Input Power	2.9 kW	4.7 kW	5.9 kW	9.3 kW	12.7 kW	18.7 kW	23.4 kW
Rated Current	12.8 A	8.5 A	9.9 A	17.6 A	24.0 A	34.1 A	42.4 A
Max Input Power	4.2 KW	6.8 kW	8.5 kW	14 kW	18.3 kW	24 kW	33.5 kW
Max Input Current	19 A	12.5 A	15.4 A	25 A	33 A	42 A	51 A
COP	4.13	4.25	4.23	4.3	4.3	4.27	4.35
Noise	55 (db(A))	58 (db(A))	58 (db(A))	59 (db(A))	62 (db(A))	65 (db(A))	69 (db(A))
Rated Hot Water Temperture	55 Degrees C						
Max Hot Water Temp. at Outlet	60 Degrees C						
Cooling Mode	Yes						
Minimum Outlet Temperature	10 Degrees C						
Enviroment Temperature Range	(-) 7 to (+) 45 Degrees C						
Discharge Direction	Top Discharge						
Compressor Type	Scroll						
Compressor Make	Emerson - Copeland						
Compressor Size	3 HP	5 HP	3 HP * 2	5 HP * 2	15 HP * 1	13 HP * 2	15 HP * 2
Refrigerant	R 410 A						
Hot Water Produced (L/Hr)	250 - 270 L/Hr	470 - 490 L/Hr	520 - 550 L/Hr	900 L/Hr	1200 L/Hr	1750 L/Hr	2150 L/Hr
Connection Size §	DN20 (3/4 ")	DN25 (1 ")	DN40 (1.5 ")	DN40 (1.5 ")	DN40 (1.5 ")	DN50 (2 ")	DN65 (2.5 ")
Water Circulation	1.8 (m3/H)	3.1 (m3/H)	4.0 (m3/H)	6.4 (m3/H)	8.1 (m3/H)	13.4 (m3/H)	17.5 (m3/H)
Condesor Type	Tube in Shell Type / Tank Heat Exchanger					Casing Heat Exchanger	
Control Panel	LCD Touch Screen User Friendly Interface With Mutifunction Control and Safety Features						
Wifi Enabled	Built in Wifi Module						
Comprehensive Protections	High Current and Voltage Protection, Overheating Protection, High Pressure and Low Pressure Protection, Overload Protection, IPX4 Waterproof						
Body Size (W X D X H) MM	810X700X870	750X805X1170	750X805X1170	1500X800X1170	1550X800X1100	1705X1010X1200	2010X1050X1400
Net Weight	91 Kgs	125 Kgs	135 Kgs	200 Kgs	260 Kgs	390 Kgs	490 Kgs
*The Above Specifications are subject to change without prior notice for product Improvement.							

*The Above Specifications are subject to change without prior notice for product Improvement.



Swimming Pools



Salons



Hostels



APPLICATIONS