

## Air Source Heat Pump for Sanitary Hot Water



Higher  
COP  $\geq 4.5$

Air source heat pump is meant for sanitary hot water for commercial use, such as Hotels, Hospitals, Restaurants, Schools, Hostels, Resorts, etc. It is helpful to get better performance in low temperature. Heat pump can be easily connected with existing solar water system. Commercial air source heat pumps are very easy to install & maintain. Standard capacity range available up to 200 kW; higher capacity available on specific request.



### Features

- Hot water temperature 60°C
- Energy saving up to 75%
- Environment friendly refrigerant
- Automatic controls
- Touch screen multi-functional controller
- Efficient scroll compressor
- High efficient shell & tube heat exchanger
- U, V & X shape design

Model		SC-H-200	SC-H-350	SC-H-500	SC-H-800V	SC-H-1000V	SC-H-1250V	SC-H-1650V
Power supply	V/Ph/Hz	415/3/50						
Ambient temperature	°C	-10 to 46°C						
Rated heating output	kW	19.6	35	50	76	95	125	165
Rated hot water output	L/h	421	752	1075	1634	2042	2687	3547
Input power	kW	4.45	7.92	11.36	17.27	23.8	28.9	38.10
Rated water outlet temperature	°C	55						
Max. water outlet temperature	°C	60						
Compressor		Copeland scroll						
Heat exchanger		Shell & tube						
Rated water flow rate	m <sup>3</sup> /h	3.37	6.00	8.60	13.00	16.34	21.5	28.4
Noise	dB(A)	≤58	≤65	≤66	≤68	≤72	≤74	≤78
Dimension (LWH)	mm	740	1450	1580	1850	2000	2050	2050
	mm	740	740	850	1000	1100	1000	2000
	mm	1070	1150	1200	1950	2080	1980	1980
Net weight	kg	145	270	315	482	582	840	1230
Testing conditions		Inlet water 15°C/Outlet water 55°C (max.60°C) Dry bulb/Wet bulb temperature 20°C/15°C						