

Water Source Heat Pump



**Higher
COP ≥ 7**

Water source heat pump uses water as heat source for water heating. You get chilled water at other side simultaneously. Huge energy saving involved when we use water source heat pump. Heat pumps are easy install & maintain. Standard capacity range available up to 200 kW; higher capacity available on specific request.



Features

- Hot water temperature 60°C for sanitary use
- Chilled water temperature 7°C for cooling
- Environment friendly refrigerant
- Compact size as no air fans
- Automatic controls
- Touch screen multi-functional controller
- Efficient scroll compressor
- High efficient shell & tube heat exchanger

Model		SC-HW-550	SC-HW-800	SC-HW-950	SC-HW-1200	SC-HW-1900
Power supply	V/Ph/Hz	415/3/50				
Rated heating output	kW	55	80	95	120	190
Rated hot water output	L/h	1182	1720	2043	2580	4085
Input power	kW	11.6	16.0	19.4	24.9	38.8
Rated water outlet temperature	°C	55				
Max. water outlet temperature	°C	60				
Compressor		Copeland scroll				
Heat exchanger (use side)		Shell & tube				
Rated water flow	m ³ /h	9.4	13.8	16.3	20.6	32.7
Heat exchanger (source side)		Shell & tube				
Rated water flow	m ³ /h	7.3	10.7	12.7	16.1	25.5
Protections		High/Low pressure, Anti-freeze, High temperature, Overload, Lack of phase, Reverse phase				
Noise	dB(A)	≤62	≤64	≤65	≤68	≤72
Dimension (LWH)	mm	1100	1800	1800	1800	2000
	mm	840	1150	1150	1150	1200
	mm	800	1050	1050	1050	1000
Net weight	kg	320	700	730	780	880
Testing conditions		Source side Inlet water 12°C / Outlet water 7°C Use side Inlet water 15°C / Outlet water 55°C (max.60°C)				