





DC Inverter Heat Pump for cooling heating and DHW (R290)

Model	SHP-08HXSP1	SHP-011HXSP1	SHP-014HXSP1	SHP-014HXSP3	SHP-022HXSP3
Heating Condition - Ambient Temp. DB/WB) : 7/6°C, Water Temp. (In/Out) : 30°C/35°C					
Heating Capacity Range (kW)	3.3~8.3	4.5~11.4	5.9~14.8	5.9~14.8	8.8~22.0
Heating Power Input Range (kW)	0.64~2.18	0.85~2.95	1.13~3.83	1.13~3.83	1.68~5.77
COP Range	3.81~5.17	3.86~5.29	3.86~5.22	3.86~5.22	3.81~5.24
DHW Condition-Ambient Temp. (DB/WB) : 7/6°C, Water Temp. (In/Out) : 15°C/55°C					
Heating Capacity Range (kW)	2.4~5.8	3.3~8.2	4.3~10.8	4.3~10.8	6.2~15.3
Heating Power Input Range. (kW)	0.79~2.19	1.08~3.07	1.39~3.99	1.39~3.99	1.99~5.60
COP Range	2.65~3.04	2.67~3.06	2.71~3.10	2.71~3.10	2.73~3.12
Cooling Condition - Ambient Temp. (DB/WB) : 12/7°C, Water Temp. (In/Out) : 35°C/24°C					
Cooling Capacity Range (kW)	2.4~5.8	3.3~8.2	4.3~10.8	4.3~10.8	6.2~15.3
Cooling Power Input Range(kW)	0.79~2.19	1.08~3.07	1.39~3.99	1.39~3.99	1.99~5.60
EER Range	2.65~3.04	2.67~3.06	2.71~3.10	2.71~3.10	2.73~3.12
ErP Level (35°C)	A+++	A+++	A+++	A+++	A+++
Refrigerant	R290	R290	R290	R290	R290
Power supply	230V/1Ph/50Hz/60Hz			380V/3Ph/50-60Hz	
Diameter of pipe (mm)	DN25	DN25	DN25	DN25	DN25
Water Flow(m3/h)	1,5	2,2	3,2	2,2	3,2
Water Pressure Drop (max) kPa	30	35	40	35	40
Water pump (m)	9	9	12	9	12
Noise dB(A)	≤47	≤50	≤52	≤50	≤52
Net Weight (kg)	106	115	160	115	160
Net Dimension (L/W/H) mm	1080×460×820	1080×460×960	1080×480×1060	1080×480×1060	1080×480×1372
Operation Ambient Temp (°C)	-25~43°C				
Operating water Temp (°C)	20~65°C (DHW)				
Operating water Temp. (°C)	20~70°C (Heating)				
Operating water Temp. (°C)	7~35°C (Cooling)				

Specifications are subject to change without prior notification