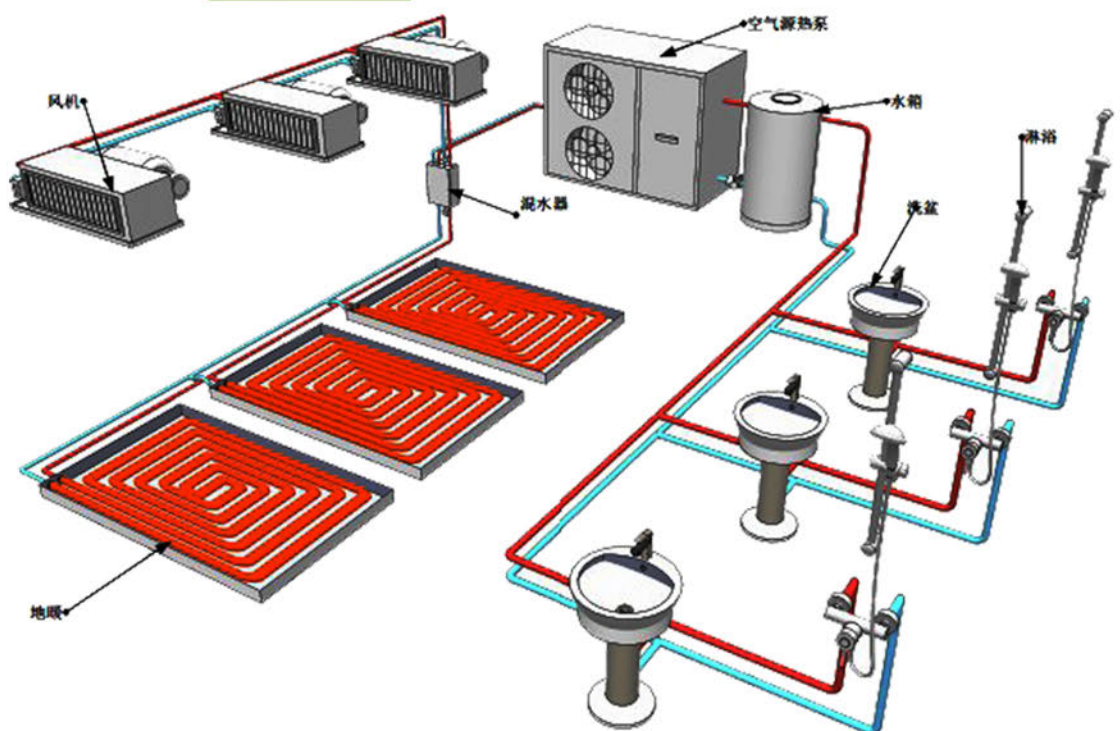
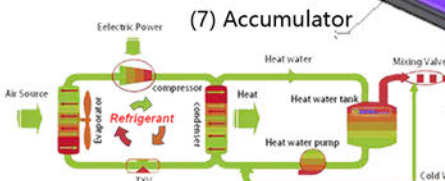
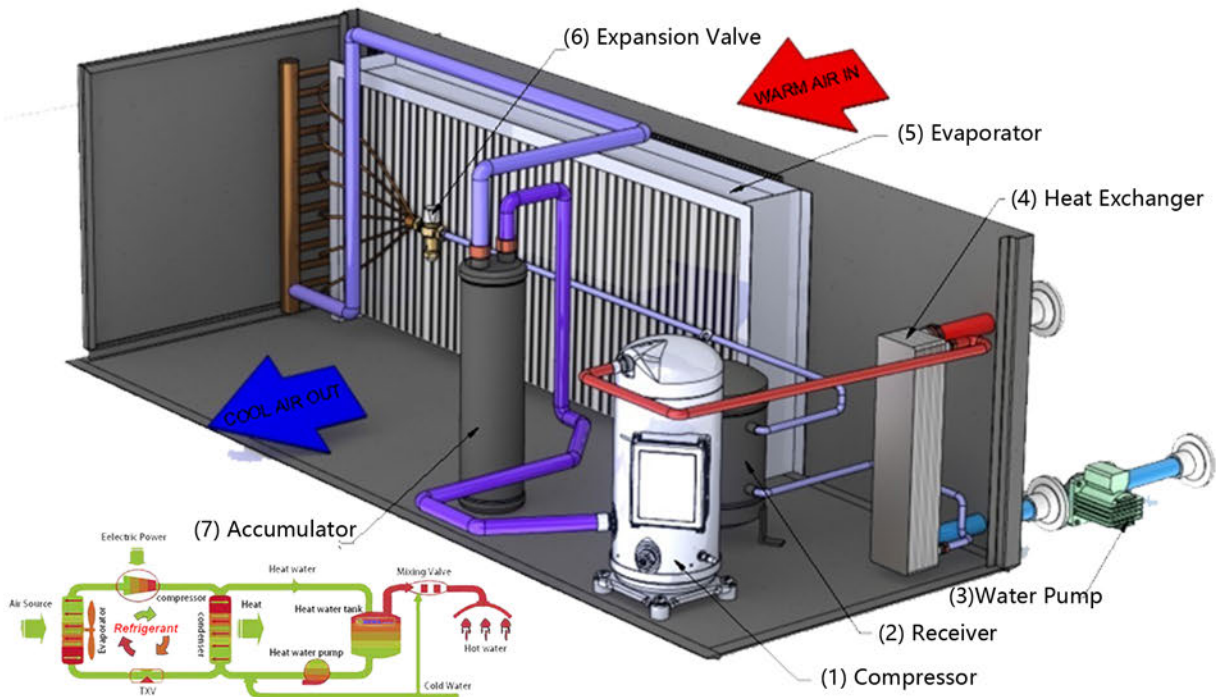
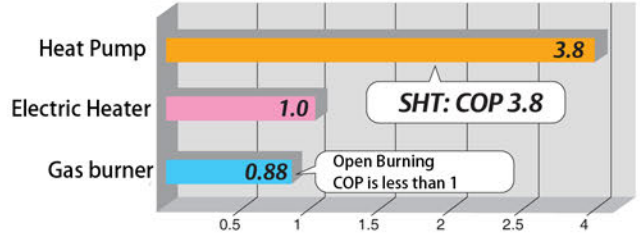


### COP Comparison





## FEATURES

- ◆ Copeland EVI scroll compressor
- ◆ Remote wired LCD control panel
- ◆ Auto-defrosting
- ◆ Overload / underload protection
- ◆ Phase protection, ground protection
- ◆ Timer control
- ◆ Modular design

This heat pump uses EVI technology and is intended to be used in extreme low temperature. Performance is still high at minus degree temperature.

It can be used for hot water supply, floor heating and radiator heating, and suitable for factory, hotel, apartment, office building, hospital, school etc.

Modular design enables flexible configuration. Different working modes and timer settings spare you from troublesome routine maintenance and inspection, offering you the maximum peace of mind.

Model		HP060E	HP100E	HP210E	HP310E	HP400E	HP500E	
Heating capacity	kW	6.20	10.50	21.00	31.00	40.00	50.00	
	BTU/h	21154	35826	71652	105772	136480	170600	
COP		2.21	2.33	2.33	2.38	2.20	2.38	
Rated outlet water temp.	°C	55						
Max outlet water temp	°C	60						
Rated power input	kW	2.80	4.50	9.00	13.00	18.20	21.00	
Rated current	A	5.4	9.5	19.0	22.0	33.0	36.0	
Power supply	V/PH/Hz	220V/1PH/50Hz			380V/3PH/50HZ			
Compressor type		Scroll						
Number of compressors		1	1	2	2	4	2	
Fan quantity		1	1	2	2	2	2	
Fan input	W	90	70	250	250	250	750	
Refrigerant		R407C						
Water Flow	m <sup>3</sup> /h	1.07	1.81	3.61	5.33	6.88	8.60	
Water pressure drop	kPa	60	30	60	65	65	65	
Noise in 1 meter distance	dB(A)	63	59	62	63	63	68	
Water pipe size	inch	Rc1	R1	R1	R1-1/2	R1-1/2	Rc2-1/2	
Dimension (L/W/H)	mm	710/710 /795	810/810 /995	1130/500 /1650	1450/705 /1375	1200/970 /1425	1990/980 /2045	
Weight	kg	107	129	285	305	320	380	

Test condition: ambient temp.: -10°C, cool water temp.: 15°C, hot water temp.: 55 °C