

# COMMERCIAL HEAT PUMP

**ENVI MIN: -25°C**



- ✔ European standards (CE)
- ✔ Produce and manage according to ISO 14100:2015
- ✔ Absolute safe operation
- ✔ Easy installation and use
- ✔ Hot water is available 24/7
- ✔ Smart control panel
- ✔ Powder coated/stainless steel



MODEL		HE-20L	HE-35L	HE-55L	HE-70L	HE-100L
Heat capacity	kW	20	35	55	70	100
Rated heated water output	L/h	415	850	1240	1620	2050
Rated outlet water temp	°C	55				
Max outlet water temp	°C	60				
Power	/	380V/3P/50Hz				
Rated input power	kW	5	8.75	13.5	17.1	23.5
Rated input current	A	9	18	26.3	34.5	43.6
COP	/	4.0	4.0	4.1	4.1	4.26
Compressor type	/	Scroll*1	Scroll*2	Scroll*2	Scroll*2	Scroll*2
Compressor brand	/	Copeland USA				
Throttle type	/	Electronic expansion valve (EEV)				
Fan type	/	Low noise high efficiency axial type				
Fan direction	/	Vertical				
Environmental heat exchanger	/	Hydrophilie Aluminium - Pure Copper (Option Electrophoretic Resin Coating)				
Heat exchanger type	/	High performance electrolytically coated pure copper tube /Tube heat exchanger				
Controller type	/	Intelligent LCD				
Ambient temperature	°C	-25°C ~ 45°C				
Refrigerant type	/	R417A/R410A/R134A/R407C				
Low pressure protection	/	Yes				
High pressure protection	/	Yes				
Automatic defrosting system	/	Yes				
Overload protection	/	Yes				
Noise in 1 meter	dB(A)	58	63	66	68	70
Water pipe size	mm	DN25	DN40	DN50	DN50	DN50
Water flow	M3/h	4	8	12	15.5	19.5
Cabinet	/	Powder coated steel/SS304/SS316 - Option				
Unit size	mm(H)	980	1550	1550	2000	2010
	mm(W)	880	870	850	1010	1170
	mm(D)	1600	1550	1200	1900	2050
N.W	kg	220	450	560	700	850

**TESTING CONDITION:** Ambient temp (DB/WB): 20°C/15°C, water temp (input/output): 15°C/55°C.