

COMMERCIAL HEAT PUMP



- ✓ 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-18	HE-25	HE-35	HE-45	HE-55
Heat capacity	kW	18	25	35	45	55
Rated heated water output	L/h	415	550	850	990	1240
Rated outlet water temp	°C	55				
Max outlet water temp	°C	60				
Power	/	400V/3P/50Hz				
Rated input power	kW	4.5	6.0	8.6	10.8	13.5
Rated input current	A	8.5	11.4	16.5	20.5	25.5
COP	/	4.0	4.2	4.1	4.2	4.1
Compressor type	/	Scroll*1	Scroll*1	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	-10°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	60	63	66	66
Water pipe size	mm	DN25	DN25	DN40	DN40	DN40
Water flow	M3/h	4.0	5.0	8.0	9.5	12.0
Cabinet	/	Powder coated steel/SS304/ SS316 - Option				
Unit size	mm(H)	850	850	1550	1550	1500
	mm(W)	770	770	770	850	850
	mm(D)	1100	1100	1200	1200	1200
N.W	kg	140	170	300	350	400

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