

HIGH TEMPERATURE HEAT PUMP

MAX WATER OUT: 80°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



Warranty for compressor in 5 years



European standards

MODEL		HE-18H	HE-25H	HE-35H	HE-50H	HE-70H
Heat capacity	kW	18	25	35	50	70
Rated heated water output	L/h	260	370	550	740	925
Rated outlet water temp	°C	75				
Max outlet water temp	°C	80				
Power	/	380V/3P/50Hz				
Rated input power	kW	4.5	6.3	8.75	12.5	17.5
Rated input current	A	9.0	12.0	17.1	23.7	33.2
COP	/	4.0	4.0	4.0	4.0	4.0
Compressor type	/	Scroll*1	Scroll*2	Scroll*2	Scroll*2	Scroll*2
Compressor brand	/	Panasonic/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)	60	63	66	68	68
Water pipe size	mm	DN25	DN40	DN40	DN50	DN50
Water flow	M3/h	5.0	8.0	12.0	15.5	19.5
Cabinet	/	Powder coated steel/SS304/SS316 - Option				
Unit size	mm(H)	850	1550	1550	2000	2010
	mm(W)	770	770	850	1000	1165
	mm(D)	1100	1200	1500	1900	2025
N.W	kg	200	400	480	400	750

TESTING CONDITION: Ambient temp (DB/WB): 20°C/15°C, water temp (input/output): 15°C/65°C.