



High COP EVI Low Temperature Heat Pump For Hot Water And Heating



This is designed for house heating as well as domestic hot water in very cold area including North Europ and East Europe. With the enhanced vapor injection technology ,high quality famous brand components and the continuous optimization on the whole system in the past years. PowerWorld high cop EVI heat pump can work stably at extremely low temperature down to -25degrees,And it would show its strong advantage of heating capacity output and COP at -10degrees and below .

DESCRIPTION

Features & Benefits

- 1.Get A+ energy label based on ERP EN14825 testing from TUV.
- 2.Working at -25degrees ambient temperature.
- 3. Optimized defrosting system.
- 4.With extra electric heater for fast drainage design for condensing water from defrosting.
- 5.Every component is easily accessible for maintenance.
- 6.Low noise by low speed fans, complete isolation of compressor noise with noise absorption material .
- 7. Considerate design to keep compressor warm including the crankcase heater and closed space.



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PARAMETER LIST

Product model		PF030-KHRLW-H-S	PF030-KHRLW-H	PF045-KHRLW-H-S	PF050-KHRLW-H	
Parameters	heating*	Heating capacity ( kW )	11	12	17.8	19.3
		Input power ( kW )	2.52	2.78	4.10	4.52
		Rated current (A)	11.5	5.6	18.7	9.1
		COP	4.37	4.32	4.34	4.27
		Production capacity	236	258	383	415
	Heating**	Heating capacity ( kW )	8.6	9.4	13.9	15.2
		Heating	2.1	2.32	3.4	3.77
		Rated current(A)	9.5	4.6	15.5	7.5
		COP	4.10	4.05	4.09	4.03
	Working area		-25 ~ 43℃			
	Noise (dB(A))		≤55	≤55	≤58	≤58
	Net weight/Gross weight(kg)		110/120	120/130	140/150	145/155
Diameter of pipe (mm)		DN25	DN25	DN25	DN25	
Standard Configuration	Metel plate		Galvanized steel / Spray / Gray			
	Body size(W*D*H)		1110*490*1260		1110*490*1410	
	Packing size(W*D*H)		1180*540*1390		1180*540*1540	
	Compressor		EVI Copeland			
	Refrigerant		R407C			
	Power supply		220V/50Hz	380V/50Hz	220V/50Hz	380V/50Hz
	Package		plywood package			
Remarkheating* working condition: Inlet water temperature 15℃, Outlet water temperature 55℃, Dry bulb temperature 20℃, Wet bulb temperature15℃. heating**working condition: Inlet water temperature 30℃, Outlet water temperature 35℃, Dry bulb temperature 7℃, Wet bulb temperature6℃.						