



This series can provide heating in winter and cooling in summer for family and large buildings by connecting with fan coil units. Adopt environmental-friendly refrigerant R407C. working good at -7°C above area .

DESCRIPTION

Standard Air Cooled Heat Pump Chiller

PARAMETER LIST

Product model		PF030~KFXLN-S	PF030~KFXLN	PF045~KFXLN	PF050~KFXLN	PF060~KFXLN	PF100~KFXLN	PF100~KFXLN-V	PF120~KFXLN	PF150~KFXLN	PF200~KFXLN	PF250~KFXLN	PF300~KFXLN	
Parameters	Cooling	Cooling capacity(kW)	6.4	7.6	11	12.6	14.5	25.1	25.1	30.1	35.2	47.3	60.2	70.1
		Cooling input power(kW)	2.1	2.6	3.7	4.2	4.9	8.4	8.4	10.3	12.1	16	20.5	23.8
		Rated current (A)	10.3	4.6	5.6	7.3	8.1	14.5	14.5	17.8	21	27.7	35.5	41.2
		EER	3.05	2.92	2.97	3.00	2.96	2.99	2.99	2.92	2.91	2.96	2.94	2.95
	Heating	Heating capacity(kW)	8.1	9.1	13.6	15.1	17.6	30.3	30.3	36.2	42.6	57.2	72.5	84.5
		Heating input power(kW)	2.4	2.7	4.1	4.4	5.2	8.8	8.8	10.6	12.5	16.8	21.5	25.1
		Rated current (A)	10.9	4.8	18.6	7.5	8.5	15.2	15.2	18.3	21.6	29.1	37.1	43.4
		COP	3.38	3.37	3.32	3.43	3.38	3.44	3.44	3.42	3.41	3.40	3.37	3.37
	Fan discharge	Horizontal (Side blowing)						Vertical (Top blowing)						
	Working area	~7~43℃												
Noise (dB(A))	≤55	≤55	≤55	≤58	≤58	≤66	≤66	≤66	≤68	≤68	≤72	≤78		
Net weight/Gross weight(kg)	100/106	100/106	120/126	145/155	155/165	280/295	280/295	300/320	372/412	482/532	582/642	612/675		
Diameter of pipe (mm)	DN25					DN32			DN50		DN65	DN65		
Configuration	Metelplate	Galvanized steel/Spray/Gray												
	Body size(W*D*H)	830*490*1160		1110*490*1260			1500*750*1030		1580*800*1600		1850*1000*1950		2000*1100*2080	2300*1100*2300
	Compressor	Copeland												
	Refrigerant	R407C												
	Power supply	220V/50Hz	380V/50Hz	220V/50Hz	380V/50Hz									
	Package	Plywood packing												
	Remark:Cooling working condition:Inlet water temperature 12℃,Outlet water temperature 7℃, Dry bulb temperature 35℃, Wet bulb temperature 24℃. Heating working condition: Inlet water temperature 40℃, Outlet water temperature 45℃, Dry bulb temperature 7℃, Wet bulb temperature6℃.													



Features & Benefits

- Cooling in summer; heating in winter .
- Strong Cabinet; Standard unit fabrication consists of heavy galvanized sheet metal cabinet construction that provides maximum strength.
- High efficient tube in shell heat exchanger or tube in tube heat exchanger.
- Intelligent control and Automatic Data Backup (with self-diagnosis function, auto-defrosting function, complete protection function) to ensure reliable operation.
- Reliable Design and Strict Quality Control; All products are tested and run at the factory to assure proper operation of all components and safety switch.
- American Copeland scroll compressor guarantees stable and high efficient working.

Heat pump_illustration-Using-air

