



Standard Top Blowing Air Source Heat Pump



Commercial Air Source Heat Pumps adopt environmental-friendly refrigerant R407C. They are widely suitable for sanitary hot water at residential or commercial places. It can provide stable 55°C hot water, max hot water temp up to 60°C working good at -7°C above area .

[DESCRIPTION](#)

Features & Benefits

- Heating capacity 10.5kW~110kW.
- American Copeland scroll compressor guarantees stable and high efficient working.
- High efficient tube in shell heat exchanger or tube in tube heat exchanger.
- Intelligent EEV, precise control and excellent efficiency at different ambient temperature.
- Intelligent control and Automatic Data Backup (with self-diagnosis function, auto-defrosting function, complete protection function) to ensure reliable operation.
- LCD display with touch keys for easy access, LCD display is very convenient for checking and setting.

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[PARAMETER LIST](#)

Product model	PF030-KFXRS-T-S	PF030-KFXRS-T	PF050-KFXRS-T	PF060-KFXRS-T	PF100-KFXRS/U	PF100-KFXRS/V	PF120-KFXRS	PF150-KFXRS	PF200-KFXRS	PF250-KFXRS
Heating capacity (kW)	10.5	11.5	18.8	21.8	38	38	42	52	76	95
Input power (kW)	2.7	2.95	4.8	5.6	9.6	9.6	10.8	13.2	19.2	23.8
Rated current (A)	12.4	5.9	9	11.2	17.6	17.6	20.7	25.9	36.1	41.4
COP (Coefficient of Performance)	3.89	3.90	3.92	3.89	3.96	3.96	3.89	3.94	3.96	3.99
Rated outlet water temperature (°C)	55	55	55	55	55	55	55	55	55	55
Max. outlet water temperature(°C)	60	60	60	60	60	60	60	60	60	60
Production capacity (L/H)	226	247	404	485	817	817	903	1118	1634	2042
water circulation (L/H)	1806	1978	3233	3880	6535	6535	7222	8942	13069	16336
Working area	-7~43°C									
Noise (dB(A))	≤55	≤55	≤58	≤60	≤66	≤66	≤66	≤68	≤68	≤72
Net weight/Gross weight(kg)	100/106	100/106	145/155	145/155	280/300	300/320	330/350	372/412	482/532	582/642
Diameter of pipe (mm)	DN25	DN25	DN25	DN25	DN32	DN32	DN32	DN32	DN50	DN65
Metel plate	Galvanized steel/Spray/Gray									
Body size(W*D*H)	710*710*870		810*800*1030		1500*750*1030		1580*800*1600		1850*1000*1950	2000*1100*2080
Compressor	Copeland									
Refrigerant	R407c /R22 / R417a									
Power supply	220V/50Hz		380V/50Hz							
Package	Plywood packing									
Remark: Testing condition: Inlet water temperature 15°C,Outlet water temperature 55°C, Dry bulb temperature 20°C, Wet bulb temperature 15°C.										