

Monobloc Heat Pumps



This series of Domestic Monobloc Heat Pump adopts high efficiency heat exchanger and built-in water pump inside the heat pump, which ensures not only high efficient performance of the system but also easy installation.

Features:

- * Famous brand compressor
- * Automatic defrosting
- * Safe, reliable, stable running
- * Low noise & vibration
- * Water pump built in monobloc
- * Intelligent control
- * Long working life
- * Easy to install & operate

Optional:

- * Refrigerant: R22, R410A, R134A, R417A, R407C
- * Cabinet: Stainless steel / galvanized powder coated steel
- * Heating exchanger: tube-in-shell



Specifications

Model		KF80-B	KF120-B	KF160-B	KF240-B	KF400-B	KF480-B
Heating capacity	kW	3.5	5	7.4	11.2	18.6	22.3
COP		4.12	4.17	4.01	4.46	4.14	4.45
Rated heated water output	L/h	75	110	160	240	400	480
Rated outlet water temp.	°C	55					
Max outlet water temp.	°C	60					
Rated power input	kw	0.85	1.2	1.85	2.5	4.5	5
Rated current	A	4.07	5.74	8.85	11.96	8.55	23.9
Power supply	V/Hz/Ph	220-240V/50Hz/1Ph				380-415V/ 50Hz/3Ph	220-240V/ 50Hz/1Ph
Compressor type		Rotary			Scroll		
Number of Compressors		1	1	1	1	1	2
Heat exchanger type		High efficiency tube in shell heat exchanger					
Throttling device		Capillary		EEV	Emerson thermal expansion valve		
Fan type		Low noise high efficiency axial type					
Fan discharging		Horizontal					
Fan quantity		1	1	1	1	2	2
Fan input	W	20	20	40	50	90	90
Fan speed	RPM	830	830	850	850	750	750
Ambient temperature	°C	(-7°C~43°C)					
Refrigerant		R22/R410A/R134A		R417A	R22/R407C		
Noise in 1 meter distance	dB	≤54	≤54	≤55	≤59	≤62	≤62
Water pipe size	inch	Rc3/4	Rc3/4	Rc3/4	R1	R1	R1-1/2
Suggested water tank capacity	L	100-150	200-300	300-500	300-500	500	500
Cabinet		Stainless steel/ galvanized powder coated steel		Stainless steel/galvanized powder coated steel			
Low pressure protection system		Yes					
High pressure protection system		Yes					
Water flow switch		No					
Automatic defrosting system		Yes					
Product Dimensions	mm	710/310/940	710/310/940	1005/305/587	800/400/1220	1110/530/1260	1430/700/860
Product Dimensions(left-right)	mm	930/360/560	930/360/560				
Package dimensions	mm	755/380/950	755/380/950	1040/360/640	850/476/1235	1130/590/1285	1570/840/1050
Package dimensions(left-right)	mm	995/370/570	995/370/570				
Product Net weight	kg	55	62	66	110	155	190
Testing condition		Heating: Ambient temp. (DB/WB): 20°C/15°C, water temp. (input/output): 15°C/55°C.					