

Air Cooled Chiller



Air-cooled Chiller is splendid for heating and cooling, which are suitable for villas, hotels, factories, schools, salons, leisure centers etc.



Features:

- * American Copeland compressor
- * Stainless steel brazing plate heat exchanger
- * Super intelligence
- * Vertical fan discharge
- * Stable running, safe & reliable
- * Low noise & vibration
- * Automatic defrosting
- * Easy installation



Model		KFS10-DL	KFS20-DL II	KFS35-DL II	KFS45-DL II	KFS55-DL II	KFS70-DL II	KFS90-DL II
Heating capacity	kW	7.9	13	27.5	32.5	42	52	68
COP		3.3	3.3	3.5	3.4	3.6	3.4	3.6
Cooling capacity	kW	7.5	12.8	25.30	31	40	50	65
EER		2.9	3.2	3.1	3.2	3.2	3.1	3.4
Power supply	V/Hz/Ph	220-240V/ 50Hz/1Ph		380-415V/50Hz/3Ph				
Heating input power	kw	2.4	3.9	7.8	9.45	11.6	15.23	18.85
Heating input current	A	11.48	7.41	14.81	17.94	22.03	28.92	35.8
Cooling input power	kw	2.6	4.02	8.26	9.7	12.5	16	19
Cooling input current	A	12.44	7.63	15.69	18.42	23.74	30.39	36.09
Compressor type		Scroll						
Number of Compressors		1	1	2	2	2	2	2
Heat exchanger type(water side)		Stainless steel brazing plate heat exchanger						
Throttling device		Emerson thermal expansion valve						
Fan type		Low noise high efficiency axial type						
Fan discharging		Vertical						
Fan quantity		1	1	2	2	2	2	2
Fan input	W	70	250	250	250	550	750	750
Fan speed	RPM	850	850	850	850	910	940	940
Ambient temperature	°C	(-7°C~43°C)						
Refrigerant		R22/R407C						
Noise in 1 meter distance	dB	59	62	63	63	66	68	68
Water pipe size	inch	R1	R1	R1-1/2	R1-1/2	Rc2	Rc2-1/2	Rc2-1/2
Cabinet		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	710/710/795	810/810/995	1450/705/1375	1450/705/1375	1445/850/1850	1990/980/2045	1990/980/2045
Package dimensions	mm	810/810/980	920/920/1080	1580/840/1450	1580/840/1450	1580/860/2000	2090/1190/2145	2090/1190/2145
Product Net weight	kg	112	137	311	324	406	584	626
Testing condition:		Heating condition: outside temp.(DB/WB) = 7°C/6°C, water temp.(inlet/outlet) = 40°C/45°C.						
		Cooling condition: outside temp.(DB/WB) = 35°C/24°C, water temp.(inlet/outlet) = 12°C/7°C.						