



شرکت مهندسی آپرا تهویه (سهامی خاص)



Modular chiller

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Modular Chiller



UNIT DESCRIPTION AND TECHNICAL DATA

Model	Unit	65	68	88	88	108	108	128
Capacity								
Cooling capacity*	kW	65	68	88	82	108	108	128
Cooling power input*	kW	19.6	21	26.3	28.3	34.38	34.41	41.36
Heating capacity**	kW	67.4	70	95	90	110.8	110.8	135
Heating power input**	kW	19.4	20.8	26.16	28	34.38	34.41	40.92
Compressor								
Type	/	Scroll						
Qty/refrigerant circuit	Nr	4/4	2/2	2/2	4/4	3/3	6/6	4/4
Axial fan								
Quantity	Nr	2	2	2	2	3	3	2
Airflow	m ³ /h	24000	24000	35800	35800	39000	39000	48000
Evaporator								
Type	/	S	T	S	S	S	S	S
Water flow	m ³ /h	11.2	11.7	15.1	14.2	17.2	17.2	22
Water side pressure drop ***	kPa	43	43	42	42	41	41	41
Noise level****	dB(A)	70	74	72	72	73	73	77
Dimensions								
Length	mm	1980	2110	2170	2170	3100	3100	2200
Width	mm	1005	1080	1285	1285	1050	1050	1560
Height	mm	1750	1900	2050	2050	1900	1900	2160
Net weight	kg	700	800	950	1000	1000	1000	1450

* Ambient temperature 35°C; evaporator water in/out 12/7 °C;

** Ambient temperature DB 7 °C, WB 6 °C; condenser water in/out temperature 40/45 °C;

*** In the nominal water flow condition the pressure drop is between this range.

**** Sound pressure measured at a distance of 1 m and a height of 1.5 m above the ground in a dear field (fan side).