



Factory by H.I.M

PACKAGED AIR COOLED CHILLER UNIT



Model : ACC-CB Series
486,000 - 2,160,000 Btu/hr

GENERAL DATA

Model Number		ACC-CB-050	ACC-CB-060	ACC-CB-070	ACC-CB-080	ACC-CB-100	ACC-CB-120	ACC-CB-140	ACC-CB-160	ACC-CB-180	ACC-CB-210	ACC-CB-240
Nominal Cooling Capacity	Btu/hr	486,000	544,000	632,000	720,000	972,000	1,088,000	1,264,000	1,440,000	1,632,000	1,896,000	2,160,000
	kW	142.44	159.44	185.23	211.02	284.88	318.87	370.46	422.04	478.31	555.69	633.06
	kc al/hr	122,418	137,028	159,194	181,360	244,836	274,055	318,388	362,720	411,083	477,582	544,081
Compressor	Type	Seri-Hermetic										
Circuit	No.	2	2	2	2	2	2	2	2	2	2	2
Compressor	No.	2	2	1, 1	2	4	4	2, 2	4	6	3, 3	6
Power Supply	V / Ph / Hz	380-415/ 3 / 50										
Total Comp. Power	HP	25	30	30, 40	40	25	30	30, 40	40	30	30, 40	40
RLA (each)	A	38	43	43, 61	61	38	43	43, 61	61	43	43, 61	61
FLA (each)	A	55	62	62, 92	92	55	62	62, 92	92	62	62, 92	92
LRA (each)	A	200	214	214, 292	292	200	214	214, 292	292	214	214, 292	292
Condenser Coil	Type	Aluminium Corrugate Fin Inner Grooved Copper Tube										
Condenser Coil	No.s.	4	4	4	4	8	8	8	8	12	12	12
Total Face Area	ft ²	93.2	93.2	93.2	93.2	186.4	186.4	186.4	186.4	279.6	279.6	279.6
Rows	rows	3	3	3, 4	4	4	3	3, 4	4	3	3, 4	4
Tube Size	In.	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Condenser Fan	Type	Propeller Fan Vertical Discharge Direct Drive										
Condenser Fan	No.s.	4	4	4	4	8	8	8	8	12	12	12
Air Flow Rate	CFM	40,000	40,000	45,000	50,000	80,000	80,000	90,000	100,000	120,000	135,000	150,000
Condenser Motor HP	HP (each)	1	1	1, 2	2	1	1	1, 2	2	1	1, 2	2
Condenser Motor	No.s.	4	4	2, 2	4	8	8	4, 4	8	12	6, 6	12
Power Supply	V / Ph / Hz	380-415/ 3 / 50										
FLA (each)	A	2.3	2.3	2.3, 4.0	4.0	2.3	2.3	2.3, 4.0	4.0	2.3	2.3, 4.0	4.0
Chiller	Type	Shell and Tube										
Chiller	No.	1	1	1	1	1	1	1	1	1	1	1
Water Flow Rate	GPM	100	112	130	148	200	222	260	294	334	388	440
Pressure Drop	PSI	2.04	2.17	2.70	3.04	3.04	3.65	3.39	3.89	3.56	4.36	5.20
Connection IN/OUT	MPT.	4	4	4	4	5	5	6	6	6	6	6
Refrigerant	Type	R - 22 Holding Charged										
Dimension	mm (A)	2,345	2,345	2,345	2,345	4,490	4,490	4,490	4,490	6,635	6,635	6,635
	mm (B)	2,145	2,145	2,145	2,145	2,145	2,145	2,145	2,145	2,145	2,145	2,145
	mm (C)	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Weight	kgs.	1,620	2,140	2,350	3,200	3,800	4,600	5,200	5,400	6,200	6,400	6,600
Refrigeration Parts		Thermostatic Expansion Valve, Hot gas muffler, Liquid line solenoid valves, Sight glass and moisture indicator, Filter drier Suction and liquid lines service valve, Shut off valve										
Electrical Parts		Compressor starter and overload relay, Fan motor starter and overload relay, Time delay relay, High-low pressure switch Electronic temperature controller, Electronic freeze stat, Crankcase heater, Oil pressure switch										

Note :

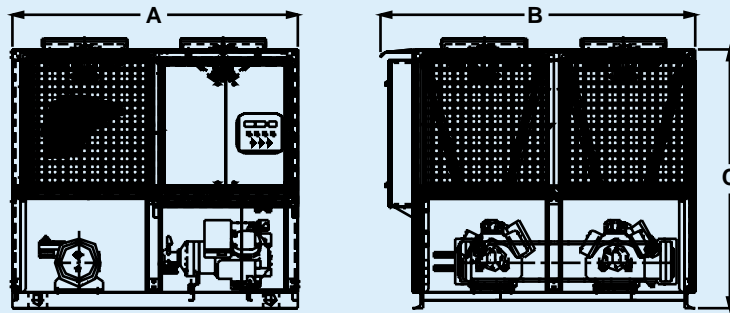
- Nominal capacity based on chilled water temperature inlet/outlet at 55°F/45°F(12.7°C/7.2°C) and 95°F(35°C) ambient temperature
- Specifications subject to change without notice



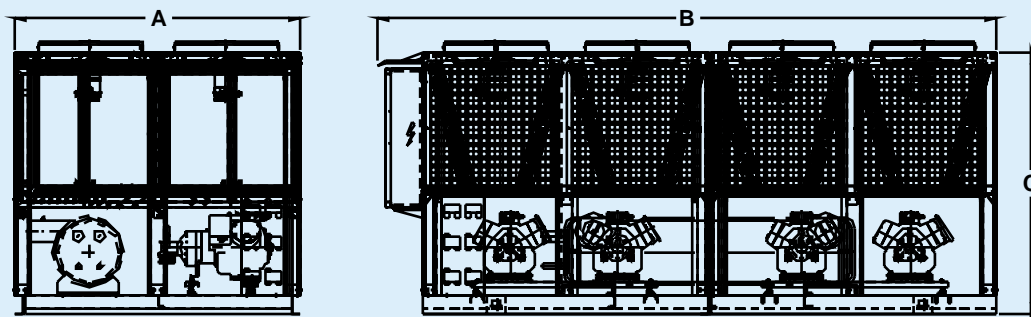
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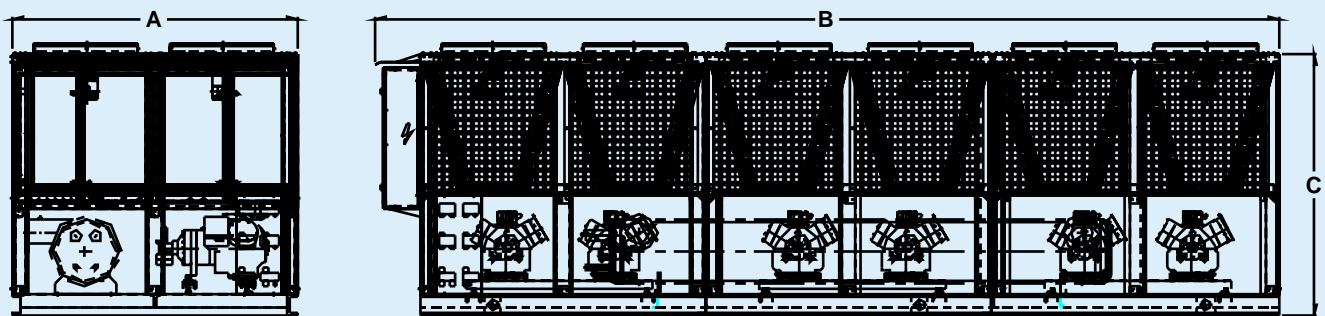
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For model : ACC-CB-100 ~ ACC-CB-160



For model : ACC-CB-180 - ACC-CB-240



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