



Factory by H.I.M

AIR COOLED CONDENSING UNIT



Model : ACC Series
576,000 - 2,520,000 Btu/hr

GENERAL DATA

Model Number		ACC-050	ACC-060	ACC-070	ACC-080	ACC-100	ACC-120	ACC-140	ACC-160	ACC-180	ACC-210	ACC-240
Nominal Cooling Capacity	Btu/hr	576,000	640,000	740,000	840,000	1,152,000	1,280,000	1,480,000	1,680,000	1,920,000	2,220,000	2,520,000
	kW	168.82	187.57	216.88	246.19	337.63	375.15	433.76	492.38	562.72	650.64	738.57
	kcal/hr	145,088	161,209	186,398	211,587	290,176	322,418	372,796	423,174	483,627	559,194	634,761
Compressor	Type	Semi-Hermetic										
Circuit	No.	2	2	2	2	4	4	4	4	6	6	6
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	40	45	45,64	64	40	45	45,64	64	45	45,64	64
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	Nos	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	Nos	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 (each)	HP	1	1	1,2	2	1	1	1,2	2	1	1,2	2
Condenser Motor	Nos	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
Refrigerant	Type	R - 22 Holding Charged										
Piping Connection	Nos	2	2	2	2	4	4	4	4	6	6	6
Suction	In.	1-5/8	2-1/8	2-1/8	2-1/8	1-5/8	2-1/8	2-1/8	2-1/8	2-1/8	2-1/8	2-1/8
Liquid	In.	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8
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											
	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											
	Crankcase heater, Oil pressure switch											

Note:

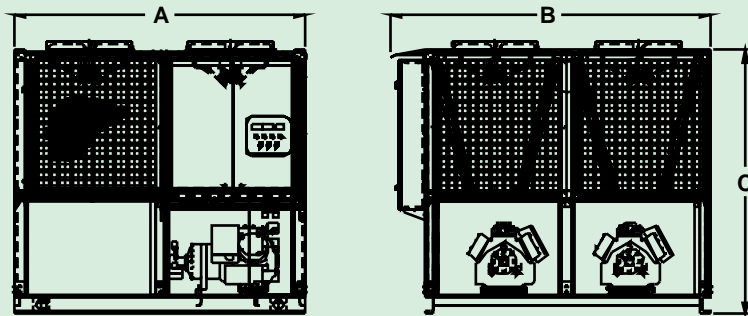
- Nominal capacity based on suction temp at 7.2°C(45°F), condensing temp at 48.8°C(120°F) and ambient temp at 35°C(95°F).
- Specifications subject to change without notice



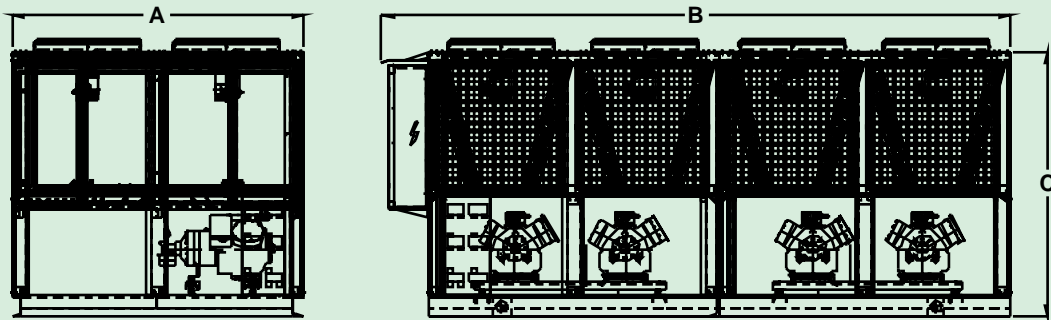
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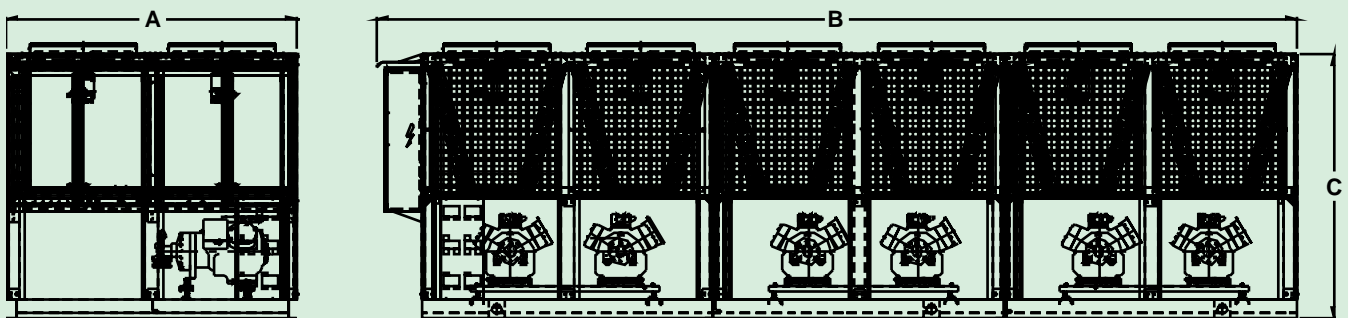
For model : ACC-050 ~ ACC-080



For model : ACC-100 ~ ACC-160



For model : ACC-180 ~ ACC-240



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