



Factory by H.I.M

PACKAGED WATER COOLED CHILLER UNIT



Model : WCC-CB Series
78,000 - 390,000 Btu/hr

GENERAL DATA

Model Number		WCC-CB-007	WCC-CB-009	WCC-CB-010	WCC-CB-012	WCC-CB-015	WCC-CB-020	WCC-CB-025	WCC-CB-030	WCC-CB-040	
Nominal Cooling Capacity	Btu/hr	78,000	88,500	104,000	120,000	152,000	200,000	267,000	300,000	390,000	
	kW	22.86	25.94	30.48	35.17	44.55	58.62	78.25	87.92	114.30	
	kcal/hr	19,647	22,292	26,196	30,227	38,287	50,378	67,254	75,567	98,237	
Compressor	Type	Scroll					Semi-Hemetic				
Circuit	No.	1	1	1	1	1	1	1	1	1	
Compressor	No.	1	1	1	1	1	1	1	1	1	
Power Supply	V / Ph / Hz	380-415 / 3 / 50									
Total Comp. Power	HP	6.8	8.5	10.0	12.0	15.0	20.0	25.0	30.0	40.0	
RLA (each)	A	10.4	11.4	13.2	14.4	20.0	24.7	36.2	40.6	57.8	
FLA (each)	A	16.4	17.3	19.2	19.6	26.4	33.6	55.0	62.0	92.0	
LRA (each)	A	95	111	118	118	198	225	200	214	292	
Condenser	Type	Shell and Tube									
Condenser	No.	1	1	1	1	1	1	1	1	1	
Water Flow Rate	GPM	18	21	28	31	41	53	72	79	103	
Pressure Drop	PSI	1.6	3.3	1.2	1.2	3.5	5.2	5.1	6.1	8.6	
Connection IN/OUT	MPT.	1-1/4	1-1/4	1-1/4	1-1/4	2	2	2	2-1/2	2-1/2	
Chiller	Type	Shell and Tube									
Chiller	No.	1	1	1	1	1	1	1	1	1	
Water Flow Rate	GPM	13.6	16.1	21.0	23.7	31.4	40.6	54.8	60.6	78.8	
Pressure Drop	PSI	0.60	0.76	1.00	1.04	1.30	1.65	2.10	2.30	2.40	
Connection IN/OUT	MPT.	1-1/2	1-1/2	1-1/2	1-1/2	2	2	2	2-1/2	2-1/2	
Refrigerant	Type	R - 22 Holding Charged									
Dimension	mm. (A)	1,470	1,470	1,770	2,020	1,370	1,480	1,780	2,270	1,820	
	mm. (B)	400	400	400	400	550	550	550	550	700	
	mm. (C)	1,200	1,219	1,219	1,219	1,400	1,400	1,400	1,400	1,500	
Weight	kg.	250	250	275	320	440	530	715	780	920	
Refrigeration Parts	Thermostatic Expansion Valve, Liquid line solenoid valves, Sight glass and moisture indicator, Filter drier										
	Liquid lines service valve					Suction and liquid lines service valve , Shut off valve					
	-					Hot gas muffler					
Electrical Parts	Compressor starter and overload relay, Time delay relay, High-low pressure switch										
	Electronic temperature controller, Electronic freezestat										
	-					Crankcase heater, Oil pressure switch					

Note:

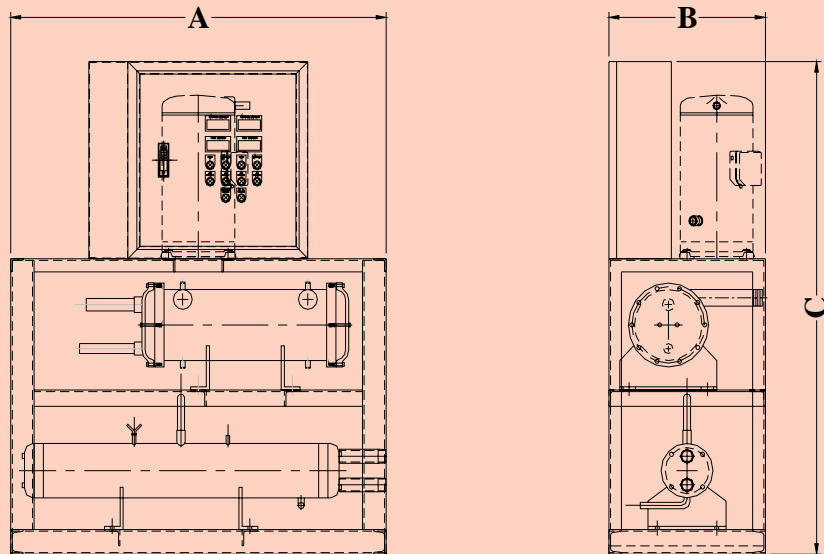
- Nominal capacity based on chilled water temp at 55°F/45°F(12.7°C/7.2°C) and water cooled condenser temp at 90°F/100°F(32.2°C/37.7°C)
- Specifications subject to change without notice



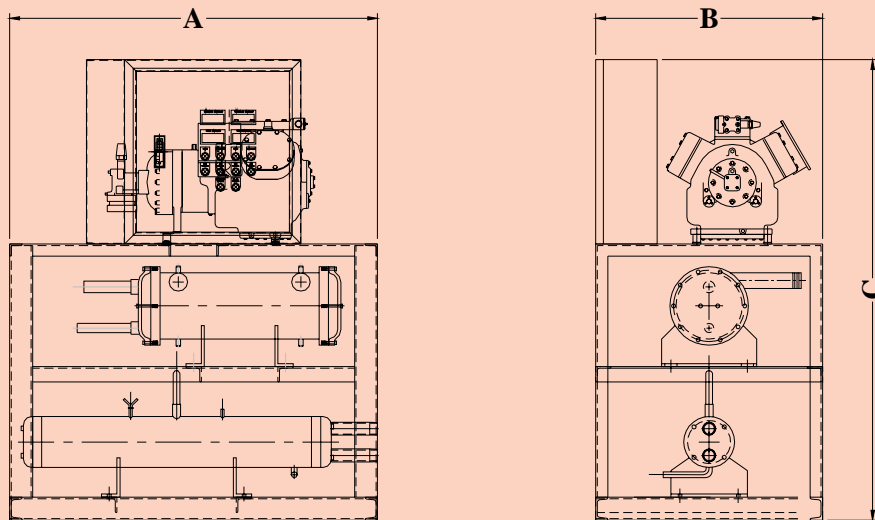
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For model : WCC-CB-007 ~ WCC-CB-015



For model : WCC-CB-020 ~ WCC-CB-040



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