



Factory by H.I.M

# PACKAGED AIR COOLED CHILLER UNIT



Model : ACC-CB Series  
22,000 - 56,000 Btu/hr

# GENERAL DATA

Model Number		ACC-CB-25/1	ACC-CB-30/1	ACC-CB-36/1	ACC-CB-25/3	ACC-CB-30/3	ACC-CB-36/3	ACC-CB-50/3	ACC-CB-60/3	
Nominal Cooling Capacity	Btu/hr	22,000	26,000	32,400	22,000	26,000	32,400	43,300	56,000	
	kW	6.45	7.62	9.50	6.45	7.62	9.50	12.69	16.41	
	kcal/hr	5,542	6,549	8,161	5,542	6,549	8,161	10,907	14,106	
Compressor	Type	Scroll								
Compressor	No.	1	1	1	1	1	1	1	1	
PowerSupply	V / Ph /Hz	220-240 / 1 / 50			380-415 / 3 / 50					
RLA (each)	A	9.3	10.7	13.6	3.7	4.9	5.1	6.6	7.9	
FLA (each)	A	12.9	13.6	17.1	5.0	6.4	7.1	9.1	10.0	
LRA (each)	A	61	76	97	32	46	46	64	74	
Condenser Coil	Type	Aluminium Corrugate Fin Inner Grooved Copper Tube								
Condenser Coil	No.	1	1	1	1	1	1	1	1	
Total Face Area	ft <sup>2</sup>	16.6	24	33.2	16.6	24	46.6	46.6	93.2	
Rows	rows	2	2	2	2	2	2	3	2	
Tube Size	In.	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.	1	1	1	1	1	1	1	1	
Air Flow Rate	CFM	2,200	2,500	2,400	2,200	2,500	2,400	5,000	4,500	
Condenser Motor HP (each)	HP	1/10	1/8	1/8	1/10	1/8	1/8	1/5	1/5	
Condenser Motor	No.	1	1	1	1	1	1	1	1	
PowerSupply	V / Ph /Hz	220-240 / 1 / 50								
FLA (each)	A	0.55	0.70	0.70	0.55	0.70	0.70	1.10	1.10	
Chiller	Type	Shell and Tube								
Chiller	No.	1	1	1	1	1	1	1	1	
Water Flow Rate	GPM.	4.4	5.2	6.5	4.4	5.2	6.5	8.7	11.2	
Pressure Drop	PSI.	0.40	0.45	0.52	0.40	0.45	0.52	0.61	0.64	
Connection IN/OUT	MPT.	3/4	3/4	3/4	3/4	3/4	3/4	1	1	
Refrigerant	Type	R-22 Holding Charged								
Dimension	mm (A)	1,100	1,100	1,100	1,100	1,100	1,100	1,250	1,250	
	mm (B)	600	600	600	600	600	600	600	600	
	mm (C)	950	1,000	1,000	950	1,000	1,000	1,200	1,200	
Weight	kgs.	160	165	180	160	165	180	220	245	
Refrigeration Parts	Thermostatic Expansion Valve, Liquid line solenoid valves, Sight glass and moisture indicator, Filter drier									
	Liquid lines service valve									
Electrical Parts	Compressor starter and overload relay, Time delay relay, High-low pressure switch									
	Electronic temperature controller									

**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

**Optional :**

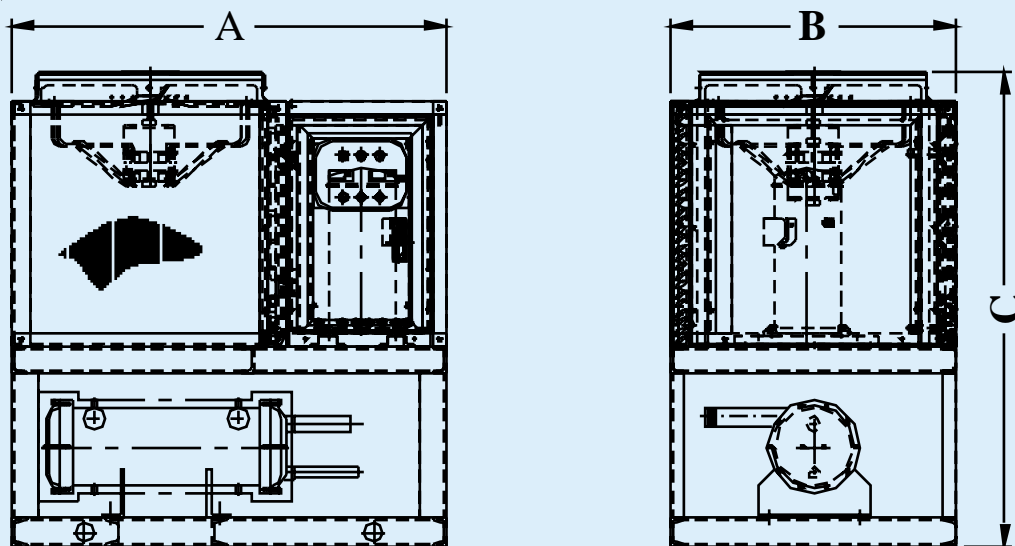
- Plate Heat Exchanger (Stainless AISI316)



**MAJOR AIR CONDITIONING CO., LTD**

89 Moo 11, Soi Thanasit, Theparak Road, Bangpla, Bangplee, Samutprakarn 10540 Thailand  
 Tel: 0-2185-7254-5 Fax: 0-2185-7256 E-mail: info@majorair.co.th Website: http://www.majorair.co.th

For model : ACC-CB-25/1 ~ ACC-CB-60/3



**MAJOR AIR CONDITIONING CO., LTD**

89 Moo 11, Soi Thanasit, Theparak Road, Bangpla, Bangplee, Samutprakarn 10540 Thailand  
Tel: 0-2185-7254-5 Fax: 0-2185-7256 E-mail: info@majorair.co.th Website: <http://www.majorair.co.th>