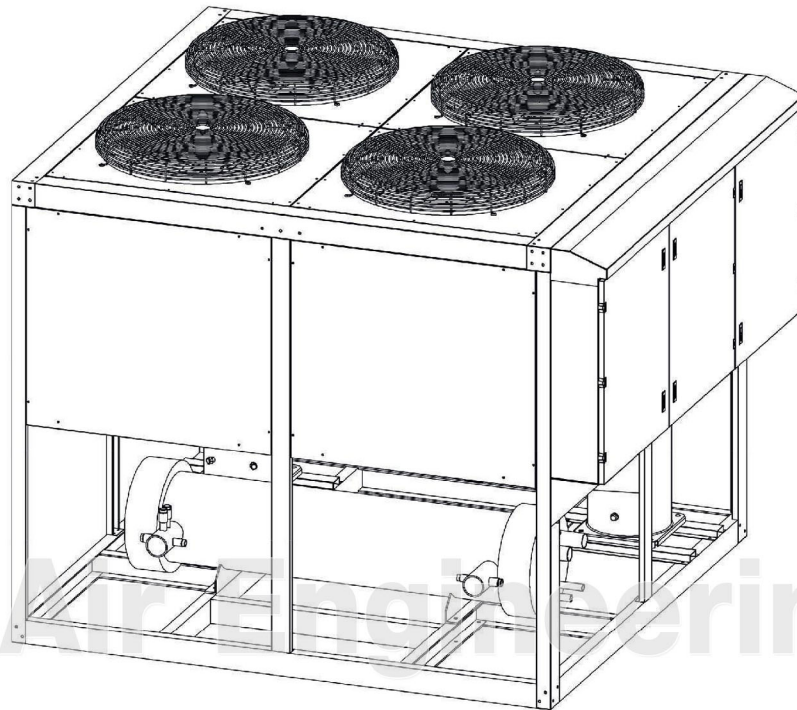


MODEL VACU - CHB

AIR COOLED HEAT EXCHANGER

37.3 - 188 TR

131.3 - 661.2 kW



OPTIONAL ACCESSORIES

- THERMOSTATIC EXPANSION VALVES
- SOLENOID VALVES
- SIGHT GLASSES
- FILTER DRIERS
- SERVICE & SHUT OFF VALVES
- HIGH-LOW PRESSURE GAUGE
- CHILLED WATER FLOW SWITCH

ELECTRICAL PARTS

- MAGNETIC CONTACTOR W/OVERLOAD FOR FAN MOTOR
- MAGNETIC CONTACTOR W/OVERLOAD FOR MOTOR COMPRESSOR
- HIGH-LOW PRESSURE SWITCHES
- MICROPROCESSOR-BASE CONTROLLER
- UNIT MAIN BREAKER



Air Conditioning Experts

PHYSICAL DATA

Model	VACU-CHB	50	60	70	80	100	120	150	180	200	240			
NOMINAL COOLING CAPACITY	MBH	448	558	678	720	896	1,080	1,344	1,764	2,010	2,256			
POWER CONSUMPTION	kW	42.32	52.92	66.78	67.18	84.64	99.74	124.90	165.36	173.40	210.28			
COMPRESSOR	Type	Scroll												
	HP	25 x2	(15+15) x2	(20+20) x2	(20+20) x2	(25+25) x2	(20+20+20) x2	(25+25+25) x2	(30+30+30) x2	(30+30+30) + (40+40+40)	(40+40+40) x2			
	Type	Single	Tandem	Tandem	Tandem	Tandem	Trio	Trio	Trio	Trio	Trio			
	Qty./Unit	2	4	4	4	4	6	6	6	3 : 3	6			
	Circuit of Refrig.	2												
CONDENSER COIL	Type / Material	Aluminium Fin with Inner Grooved Copper Tube												
	Row ... FPI	3 ... 12	3 ... 14	3 ... 10	3 ... 12	3 ... 14	3 ... 12	3 ... 14	3 ... 14	3 ... 14	3 ... 14			
CONDENSER FAN & MOTOR	Type	Propeller Fan : Vertical Discharge : Direct Drive												
	Fan Dia. (Inch.)	30												
	MOTOR (RPM.)	900												
	Each Motor (Hp.)	1												
	Qty./Unit	4		6		8		10		12		14		16
	Air Quantity (CFM)	44,000		66,000		88,000		110,000		132,000		154,000		176,000
Refrigerant	Type	R-410a (Holding Charge)												
Water Chiller	Type	Shell and Tube Heat Exchanger												
Circuit of Water		2												
Chilled Water Flow Rate	(GPM)	90	112	136	144	179	216	269	353	402	451			
Chilled Water Temp. In/Out	(°F)	55/45												
Chilled Water Pressure Drop	(Ft. Wg.)	3.87	3.13	8.07	8.07	13.90	8.63	13.01	14.71	21.72	9.27			
Water Conn. In/Out	Inch.	3		4			5			6	8			
Dimensions	D	2,270		3,385			4,500			5,615	6,730	7,845	8,960	
	H	2,030												
	L	2,200												
Weight	kgs.	1,630	1,690	2,180	2,300	3,150	3,290	4,360	4,930	5,410	6,120			

ELECTRICAL DATA

Model	VACU-CHB	50	60	70	80	100	120	150	180	200	240
COMPRESSOR (Each)	Volt / Ph / Hz	380/3/50									
	Power input (kW)	19.10	12.20	15.15	15.25	19.10	15.25	19.10	25.50	25.5 : 32.30	32.30
	RLA (Amp)	33.70	24.45	26.71	26.81	33.70	26.81	33.70	43.88	43.88 : 55.06	55.06
	LRA (Amp)	272	174	219	219	272	219	272	310	310 : 408	408
FAN MOTOR (Each)	Volt / Ph / Hz	380/3/50									
	Power input (kW)	1.03									
		2.30									

Note :
 RLA = Rated Load Amp.
 LRA = Locked Rotor Amp.
 MBH = 1,000 Btu/h
 Nominal Cooling Capacity Base 95 °F Ambient Temp.
 Liquid Subcooled 15 °F

Specifications are subjected to change without notice for future improvement.



Manufactured by : UNITED TECHNOLOGY DEVELOPEMENT CO.,LTD.

Distributed by: UNI-AIRE CORPORATION CO., LTD.

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