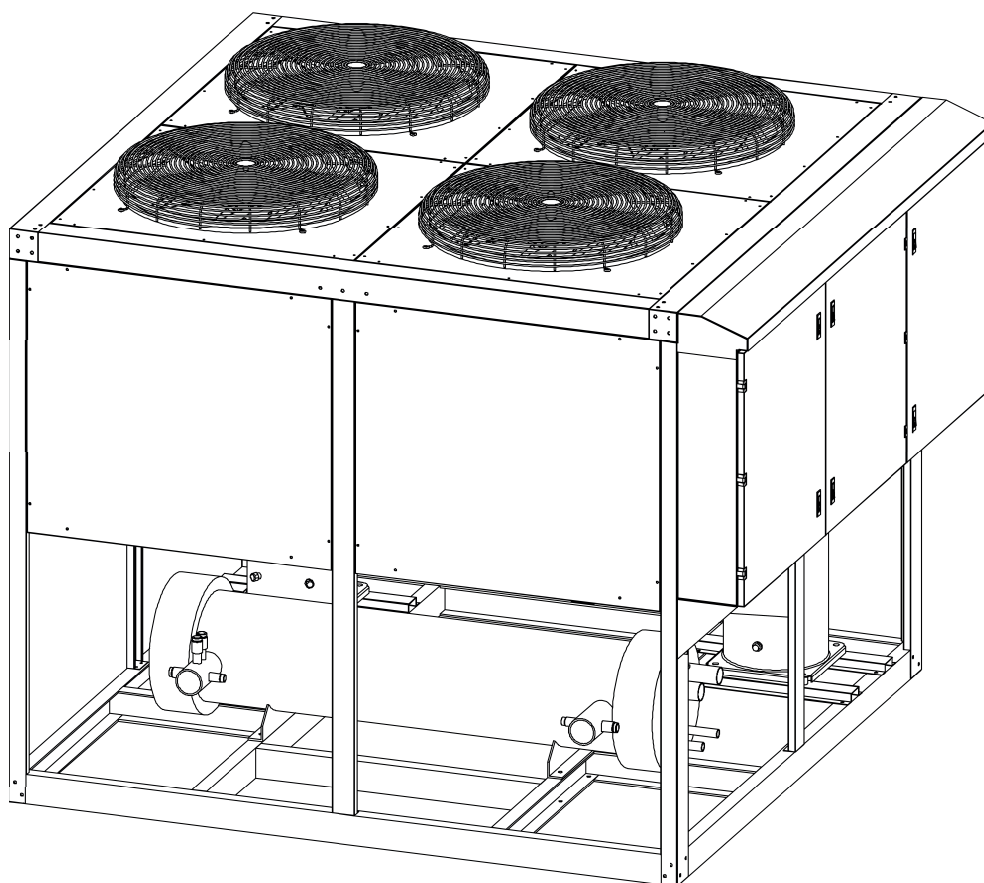


MODEL VACU-CHB

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

SPECIFICATION MODEL : VAC-CHBU												
Model	VACU-CHB	50	60	70	80	100	120	150	180	200	240	
Noninal 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	25x2	(15+15)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					Trio				
	Qty./Unit	2	4					6			3:3	6
	Circuit of Refrig.	2										
Condenser coil	Type/Material	Aluminium Fin with Inner Groove Copper Tube										
	Row...FPI	3...12	3...14	3...10	3...12	3...14	3...12	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	Shekk 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		13.90	8.63	13.01	14.71	21.72	9.27	
Water Conn. In/Out	Inch.	3		4			5			6	8	
Dimensions	Width	2,270		3,385		4,500		5,615	6,730	7,845	8,960	
	Height	2,030										
	Length	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		272	219	272	310	310 : 408	408
Fan Motor (Each)	volt / Ph / Hz	380/3/50									
	Power input (kW)	1.03									
	FLA (Amp)	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

Specications are subjected to change without notice for future improvement.

**Eurovent certified for model DAHH only.



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