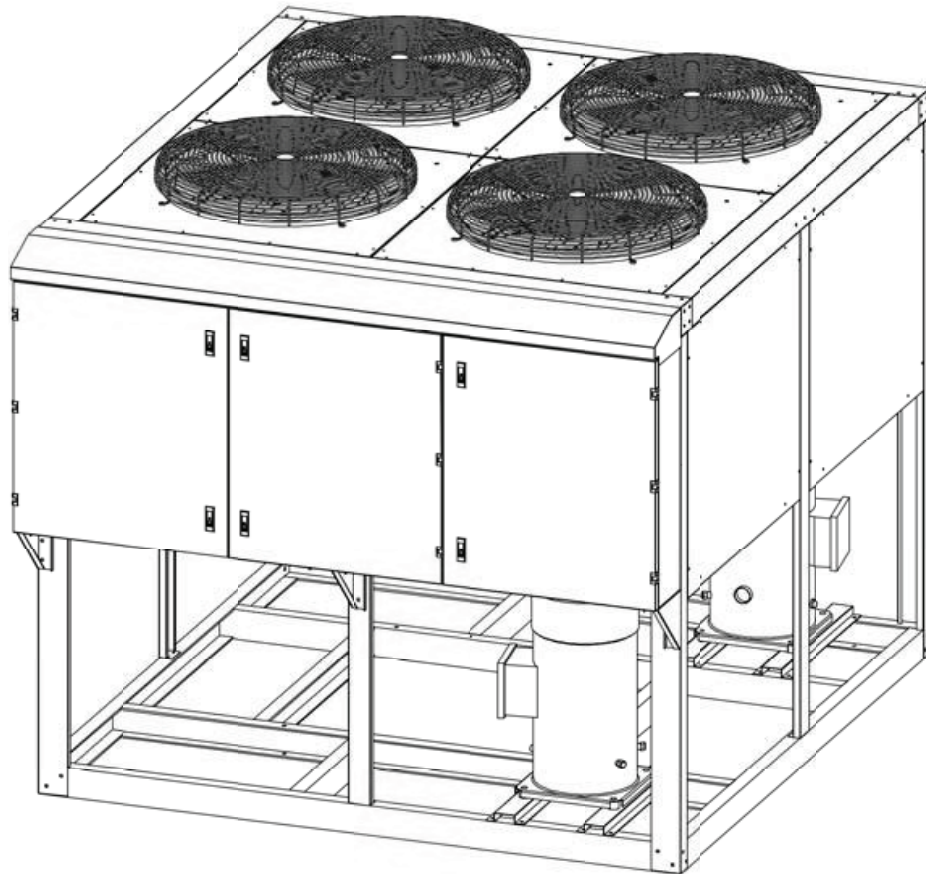


MODEL VACU

AIR COOLED CONDENSING UNIT

46.9 - 169.2 TR

165.0 - 594.9 kW



STANDARD ACCESSORIES

REFRIGERATION PARTS

- SERVICE & SHUT OFF VALVES

ELECTRICAL PARTS

- MAGNETIC CONTACTOR W/OVERLOAD FOR FAN MOTOR
- MAGNETIC CONTACTOR W/OVERLOAD FOR MOTOR COMPRESSOR
- COMPRESSOR DEVICES
- HIGH-LOW PRESSURE SWITCH
- UNI MAIN BREAKER



Air Conditioning Experts

PHYSICAL DATA & ELECTRICAL DATA

SPECIFICATION MODEL : VACU

MODEL	VACU	50	60	70	80	100	120	150	180	
COOLING CAPACITY**	MBH.	563	677	764	877	1,125	1,353	1,688	2,030	
POWER CONSUMPTION	(kW)	54.86	63.86	76.80	86.60	109.72	127.72	159.98	191.58	
COMPRESSOR	Type	Scroll								
	(HP.)	25+25	30+30	(20+15)x2	(20x2)+(20x2)	(25x2)+(25x2)	(30x2)+(30x2)	(25x3)+(25x3)	(30x3)+(30x3)	
	Qty./Unit	2		4			6			
CONDENSER COIL	Type/Material	Aluminium Louver Fin with Inner Groove Copper Tube								
	Circuit (Qty.)	2								
CONDENSER COIL	Type	Propeller Fan : Vertical Discharge : Direct Drive								
FAN & MOTOR	Fan Dia. (inch)	30								
	Motor (RPM)	900								
	Each Motor (HP)	1								
	Qty./Unit	4		6		8		10		12
	Air Quantity (CFM)	44,000		66,000		88,000		110,000		132,000
REFRIGERANT	Type	R-22								
	Charge	Holding								
CONNECTIONS	Suction (Inch)	1-5/8	2-1/8		2-5/8					
	Liquid (Inch)	7/8				1-1/8		1-3/8		
DIMENSION	Depth (mm.)	2,270		3,385		4,500		5,615		6,730
	Height (mm.)	2,030								
	Width (mm.)	2,200								
WEIGHT	(kgs.)	1,264	1,278	1,686	1,805	2,521	2,556	3,380		

MODEL	VACU	50	60	70	80	100	120	150	180
COMPRESSOR (Each)	Volt / Phase / Hz	380/3/50							
	Power Input (kW)	22.83	27.33	18.2 ; 13.3	18.2	22.83	27.33	22.83	27.33
	RLA. (Amp.)	49.3	56.4	35.7 ; 35.0	35.7	49.3	56.4	49.3	56.4
	LRA. (Amp.)	270	300	215 ; 175	215	270	300	270	300
FAN MOTOR (Each)	Volt / Phase / Hz	380/3/50							
	Power Input (kW)	1.47							
	FLA. (Amp.)	2.3							

Note :

RLA = Rated Load Amp.

LRA = Locked Rotor Amp.

MBH = 1,000 Btu/h

Nominal Cooling Capacity Base on 45 °F Suction Temp. and 95 °F Ambient Temp.

Liquid Subcooled 15 °F

FOR SI. UNIT, COOLING CAPACITY (KW) = $\frac{MBH \times 1000}{3412}$

Specifications are subjected to change without notice for future improvement.



ISO 9001
ISO 14001
ISO 45001
ISO 14064-1



TIS.2134
TIS.1529



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