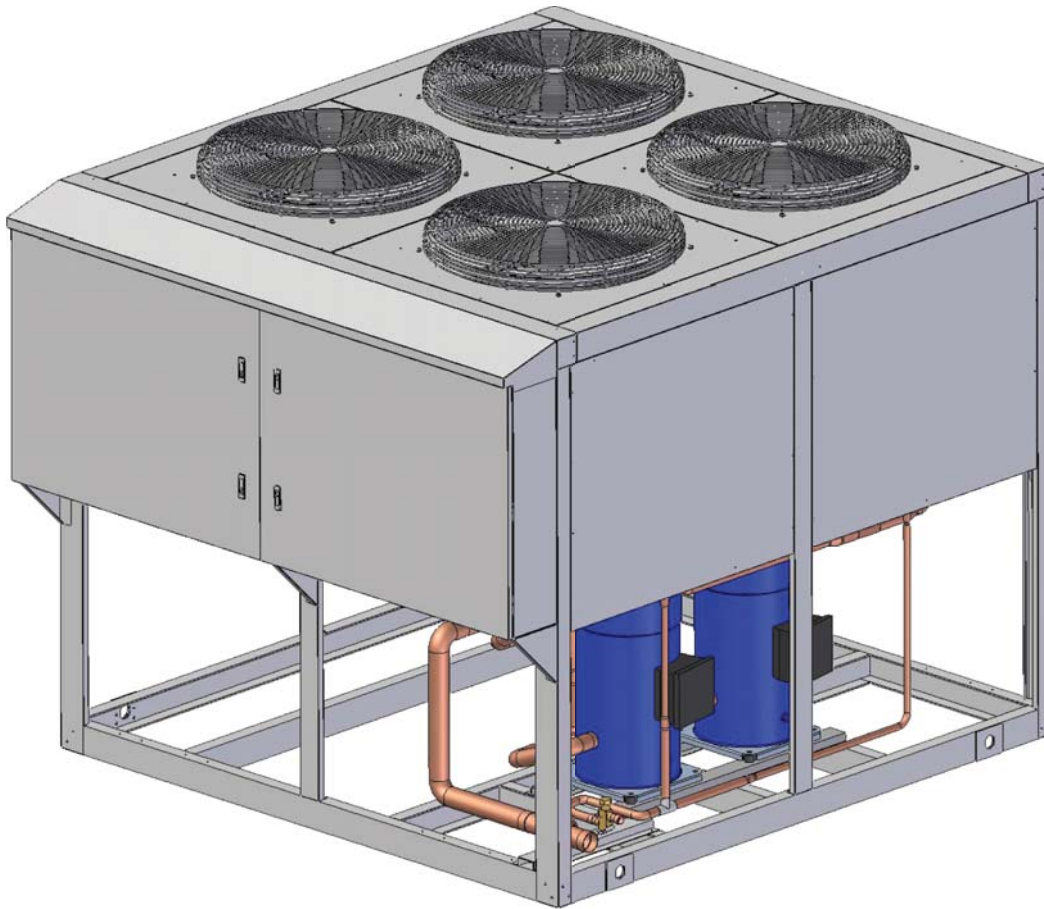


MODEL VACU

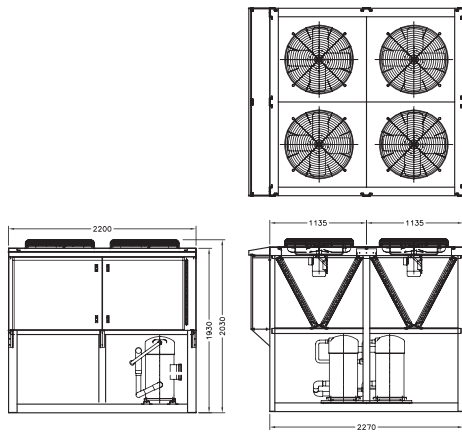
**AIR COOLED
CONDENSING UNIT**

41.6-166.6 TR

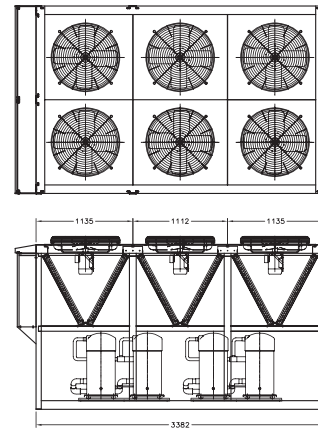
146.4-585.6 KW



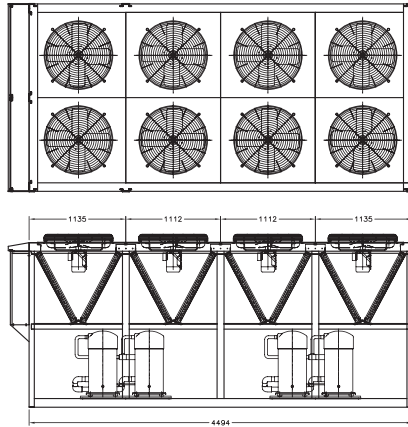
Air Conditioning Experts



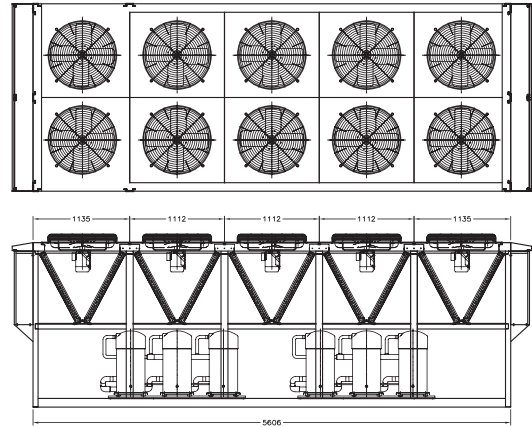
VACU-050, 060



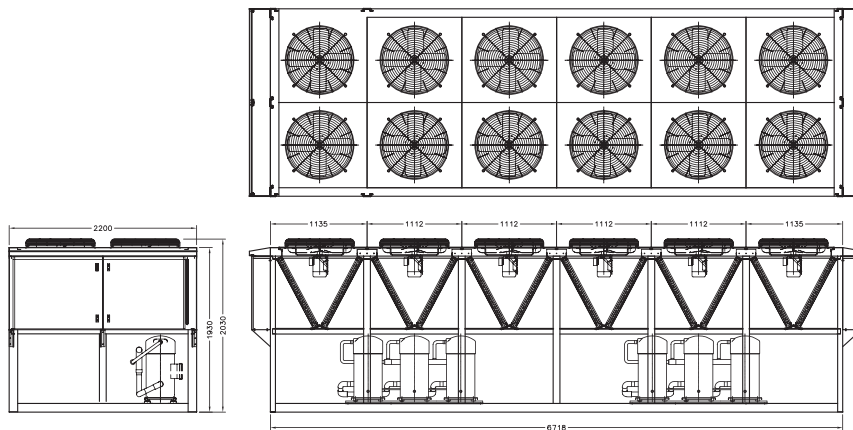
VACU-070, 080



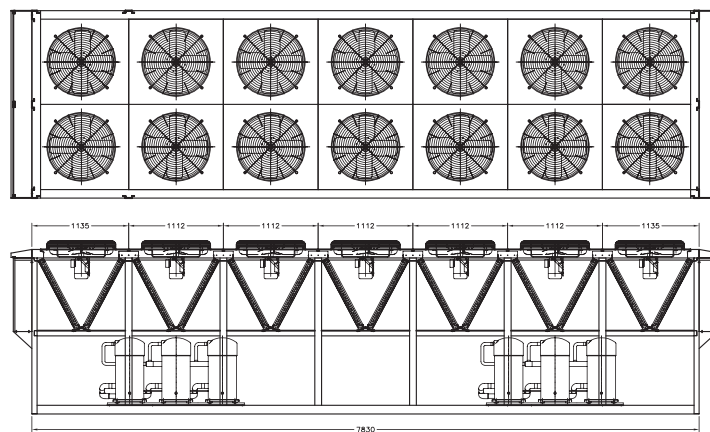
VACU-100, 120



VACU-150



VACU-180



VACU-200

SPECIFICATIONS

MODEL	VACU.	050	060	070	080	100	120	150	180	200
PHYSICAL DATA										
NOMINAL CAPACITY	MBH.	500	600	700	800	1000	1200	1500	1800	2000
POWER CONSUMPTION	kW	48.1	52.2	65.5	74.5	96.2	104.4	127.3	156.7	172.0
COMPRESSOR	Type	HERMETIC SCROLL								
	HP./ Tandem	25+25	30+25	20+15	20+20	25+25	30+25	(25x3),(20x3)	(30x3),(25x3)	(30 x 3)
	No. of Tandem	1	1	2	2	2	2	2	2	2
	Qty. / Unit	2	2	4	4	4	4	6	6	6
CONDENSER	Type / Material	Aluminium Louver Fin with Inner Groove Copper Tube								
COIL	Tube Size (in.)	3/8								
CONDENSER FAN & MOTOR	Type.	Propeller Fan : Vertical Discharge : Direct Drive								
	Fan Dia. (in.)	30								
	Motor Rpm.	900								
	Each Motor (HP.)	1								
	Qty. / Unit	4	4	6	6	8	8	10	12	14
	Air Quantity (CFM.)	40,000	40,000	60,000	60,000	80,000	80,000	100,000	120,000	140,000
REFRIGERANT	Type	R - 22								
	Charge	Holding								
CONNECTIONS	Suction (in.)	1-5/8 x2	2-1/8 x2	2-1/8 x2	2-1/8 x2	2-1/8 x2	2-5/8 x2	2-5/8 x2	2-5/8 x2	2-5/8 x2
	Liquid (in.)	7/8x2	7/8x2	7/8x2	7/8x2	1-1/8x2	1-1/8x2	1-3/8x2	1-3/8x2	1-3/8x2
WEIGHT	(Kgs)	1,248	1,260	1,856	2,050	2,494	2,520	3,310	3,780	4,250
ELECTRICAL DATA										
COMPRESSOR	Volt / Ph. / Hz.	380 / 3 / 50								
	Power Input (kW)	42.2	46.34	56.64	65.67	84.4	92.67	112.55	139.01	151.42
	RLA. (Amp.)	74	79	102	114	148	158	168	237	253
FAN MOTOR (Each)	Volt / Ph. / Hz.	380 / 3 / 50								
	Power Input (kW)	1.47								
	FLA. (Amp.)	2.3								

NOTE : Nominal capacity based on 45 °F suction temp. and 95 °F Ambient Temp.
 (1 MBH. = 1,000 BTUH.)
 RLA = Rated Load Amp.

AIR COOLED CONDENSING UNIT STANDARD ACCESSORIES REFRIGERATION PARTS

- SERVICE & SHUT OFF VALVES
- CHECK VALVES (FOR PARALLEL COMPRESSORS ONLY)

ELECTRICAL PARTS

- MAGNETIC CONTACTOR W/OVERLOAD FOR FAN MOTOR
- MAGNETIC CONTACTOR W/OVERLOAD FOR MOTOR COMPRESSOR
- TIME DELAY RELAY DEVICES
- HIGH-LOW PRESSURE SWITCH

UNI-Aire®
Air Conditioning Experts



Manufactured by : UNITED TECHNOLOGY DEVELOPEMENT CO.,LTD.

VACU-UN081013

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

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