

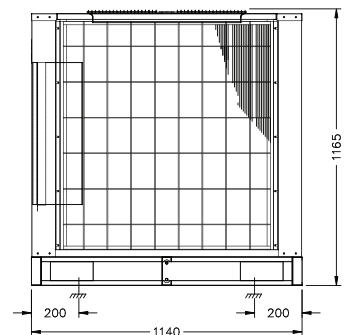
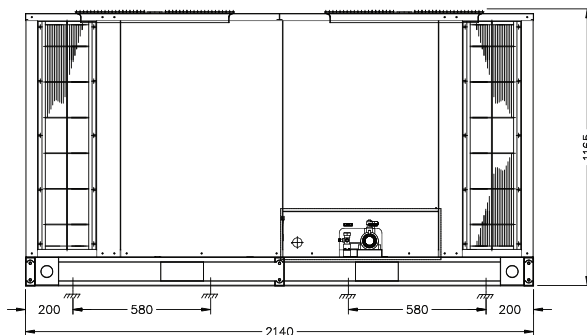
MODEL TACU (Semi Hermatic Compressor)

AIR-COOLED CONDENSING UNIT

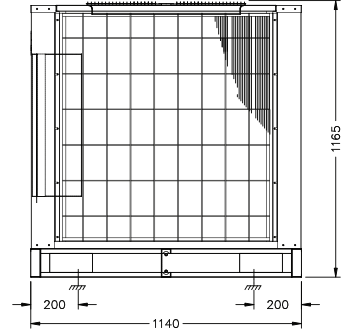
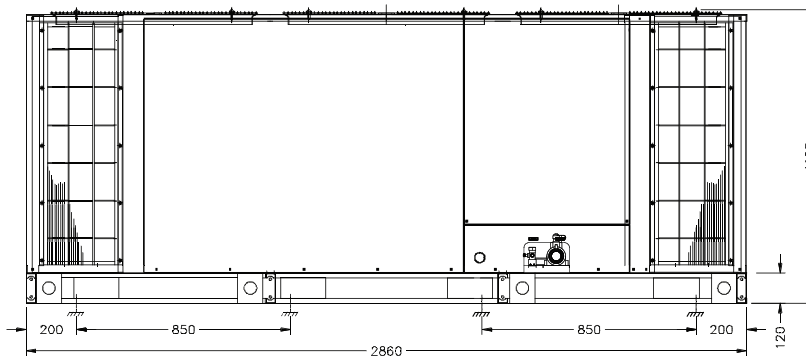
CAPACITY FROM 200,000 TO
400,000 BTUH



MODEL TACU-020,025,030



MODEL TACU-040



Unit : mm.(Millimeter)



Air Conditioning Experts

SPECIFICATIONS AND STANDARD ACCESSORIES

UNIT CASING

- Constructed of zinc coated heavy gauge, galvanized steel
- Powder-coated for protection against rust

COMPRESSOR

- Semi Hermatic compressor
- All compressor are mounted on vibration isolation

AIR COOLED CONDENSER

- Seamless copper tubes, mechanically expanded into aluminium fins with full height collars
- Leak tested at 350 PSIG from factory
- Dynamically and statically balanced
- Direct-drive fan

REFRIRATION PART

- Service Valves for Liquid line and Suction line

ELECTRICAL PART

- Magnatic & Overload contactor for fan motor and compressor
- High-Low pressure switches

PHYSICAL DATA

MODEL	TACU	020	025	030	040
COOLING CAPACITY**	MBH.	200,000	250,000	300,000	400,000
POWER SUPPLY	Volt / Phase / Hz	380 / 3 / 50			
POWER CONSUMPTION	(kW)	18.96	25.28	28.16	39.44
COMPRESSOR	Type	Semi Hermatic			
Quantity		1			
CONDENSER COIL	Type	Aluminium Louver Fin with Inner Groove Copper Tube			
Face Area	(ft2)	46.66			56.66
Rows / FPI		2 / 16		3 / 14	3 / 12
Tube Size	(Inch)	3/8			
CONDENSER FAN & MOTOR		Propeller Fan : Vertical Discharge : Direct Drive			
Quantity		2			3
Power	(HP.)	3/4	1		
RPM		900			
Air Quantity	(CFM)	14,000	20,000		30,000
REFRIGERANT	Type	R-22			
Charge		Holding Charge: R-22			
CONNECTIONS					
Suction	(Inch)	1-5/8		2-1/8	
Liquid	(Inch)	7/8			
DIMENSION					
Length	(mm.)	2,140			2,860
Width	(mm.)	1,140			
Height	(mm.)	1,165			
WEIGHT	Approx. (kgs.)	440	510	561	546

**Nominal capacity based on 45 F suction temp. And 95°F ambient temp (1 MBH. = 1,000 BTUH)

ELECTRICAL DATA

MODEL	TACU	020	025	030	040
COMPRESSOR (Each)	Quantity	1			
	Volt / Phase / Hz	380 / 3 / 50			
	Power Input (Watt)	17,260	23,110	25,990	36,180
	FLA. (Amp.)	35.10	48.00	54.00	77.30
	LRA. (Amp.)	173	223	253	345
FAN MOTOR (Each)	Quantity	2			3
	Volt / Phase / Hz	380 / 3 / 50			
	Power Input (Watt)	850	1,087		
	FLA. (Amp.)	1.20	2.29		

Note

FLA = Full Load Amp.

LRA = Locked Rotor Amp.

Specification are subjected to change without notice for future improvement.



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