

MODEL TACU (Semi Hermatic Compressor)

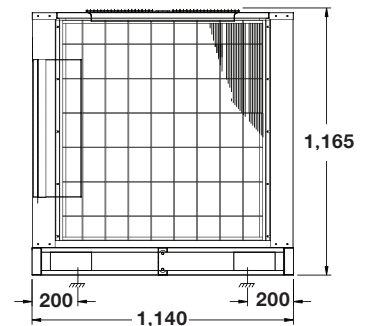
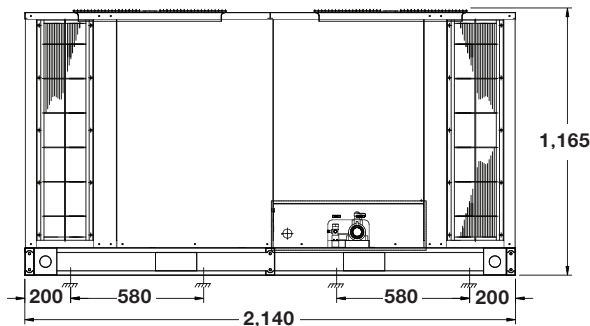
AIR-COOLED

CONDENSING UNIT

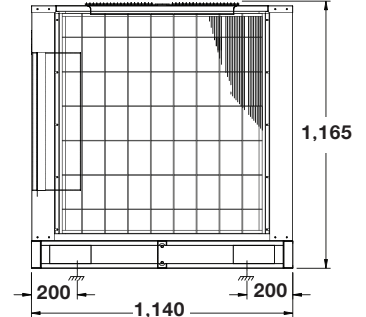
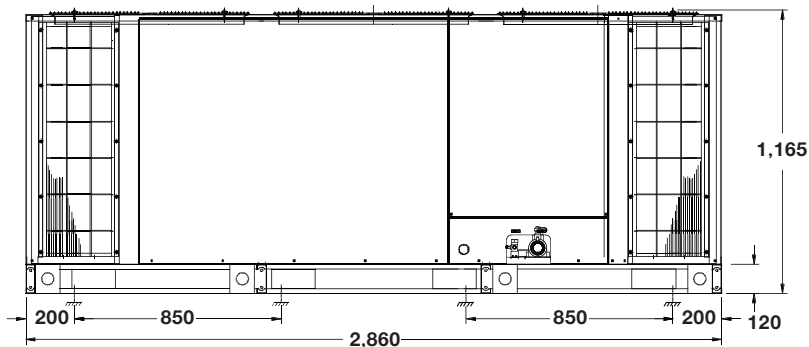
CAPACITY FROM 200,000 TO 400,000 BTUH



MODEL : TACU-020,025,030



MODEL : TACU-040



UNIT : mm. (Millimeter)



Air Conditioning Experts

SPECIFICATIONS

UNIT CASING

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

COMPRESSOR

- Semi Hermetic 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 600 Psig from factory
- Dynamically and statically balanced, direct-drive fan

STANDARD ACCESSORIES

REFRIGERATION PARTS

- Service Valves for Liquid line and Suction line

ELECTRICAL PARTS

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

PHYSICAL DATA

SPECIFICATION MODEL : TACU (SEMI HERMATIC)						
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)	18.52	25.03	27.91	39.06
COMPRESSOR		Type	Semi Hermetic			
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

**Normal 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)	632	960		
	FLA. (Amp.)	1.20	3.6		

Note

FLA = Full Load Amp.

LRA = Locked Rotor Amp.

Specification are subjected to change without notice for future improvement.

**Eurovent certified for model DAHH only.



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