

# MODEL TACU (Semi Hermatic Compressor)

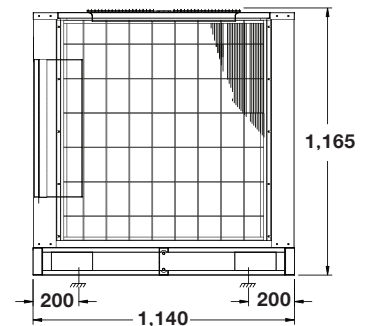
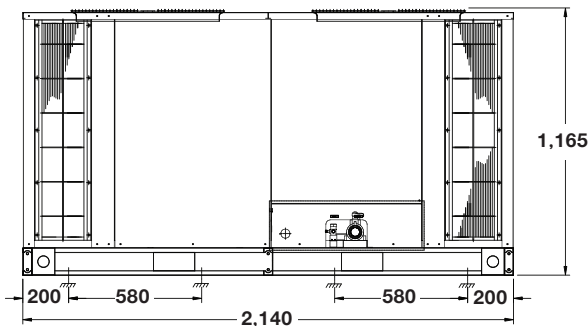
**AIR-COOLED**

**CONDENSING UNIT**

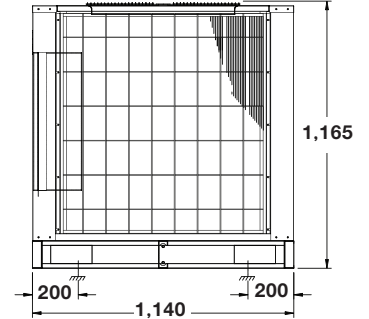
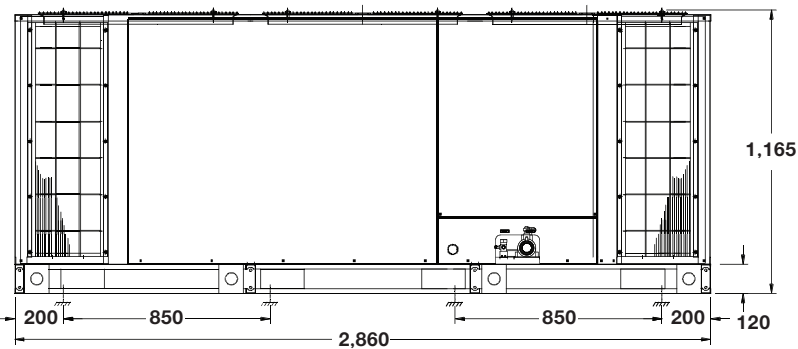
**CAPACITY FROM 200,000 TO 400,000 BTUH**



MODEL : TACU-020,025,030



MODEL : TACU-040



UNIT : mm.( Millimeter )



Air Conditioning Experts

# SPECIFICATIONS

## STANDARD ACCESSORIES

### 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

### 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	
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	
REFRIGERANT	Type	R-22			
Charge		Holding Charge: R-22			
CONNECTIONS		1-5/8		2-1/8	
Suction	(Inch)	7/8			
Liquid	(Inch)				
DIMENSION		2,140		2,860	
Length	(mm.)	1,140		1,165	
Width	(mm.)	1,165			
Height	(mm.)				
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)	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.



ISO 9001  
ISO 14001  
ISO 45001  
ISO 14064-1



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