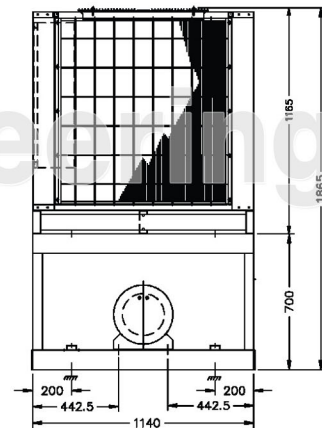
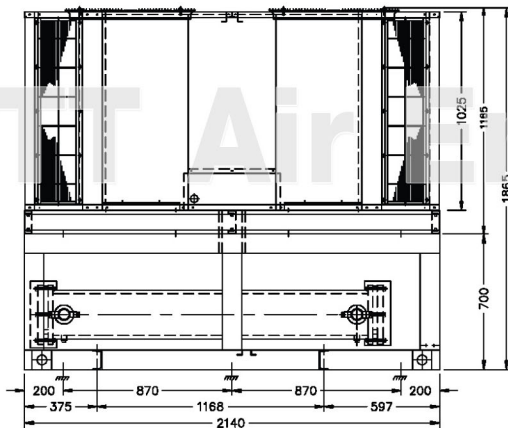


MODEL TACU-CHB

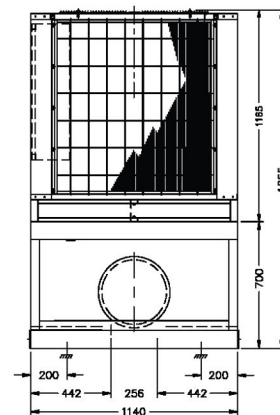
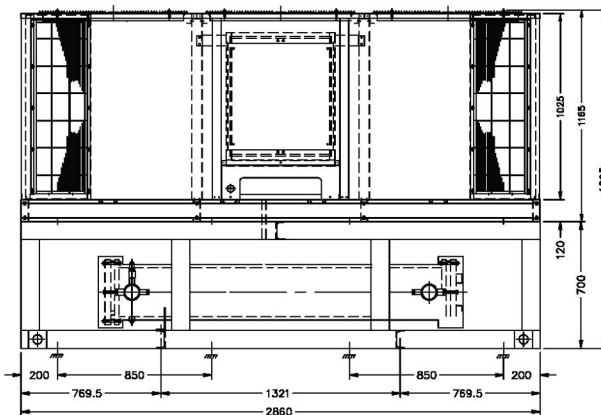
**PACKAGED
AIR-COOLED CHILLER
15.8 -31.5 TR
55.6 - 110.8 kW**



MODEL TACU-CHB-020,025,030



MODEL TACU-CHB-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

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

REFRIGERANT

- R410a

HEAT EXCHANGER

- 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
- Shell and Tube evaporator

REFRIRATION PART

- Service Valves for Liquid line and Suction line
- Thermostatic expansion valves
- Sight Glasses
- Filter Driers

ELECTRICAL PART

- Magnatic & Overload contactor for fan motor and compressor
- High-Low pressure switches
- Digital temperature control
- Timer Delay Relay Devices

PHYSICAL DATA

MODEL	TACU-CHB	020	025	030	040	
NOMINAL CAPACITY**	MBH.	189	226	278	378	
POWER CONSUMPTION	(kW)	19.64	23.7	28.5	38.69	
COMPRESSOR	Type	SCROLL				
	Circuits	2				
CONDENSER COIL	Type	Aluminium Louver Fin with Inner Groove Copper Tube				
	Face Area	46.66			56.66	
	Rows / FPI	2 / 16	3 / 14		3 / 12	
	Tube Size	3/8				
CONDENSER FAN & MOTOR	Propeller Fan : Vertical Discharge : Direct Drive					
	Quantity	2		3		
	Power	3/4	1			
	RPM	900				
	Air Quantity	14,000	20,000		30,000	
REFRIGERANT	Type	R-410a				
	Charge	Holding Charge: R-410a				
WATER CHILLER	Shell and Tube Heat Exchanger					
	Chilled Water Flow Rate	(GPM)	37.8	45.2	55.6	75.6
	Chilled Water Temp. IN/OUT	(°F)	55/45			
	Chilled Water Pressure Drop	(Ft. WG)	2.49	7.93	11.64	8.18
	Water Connection IN/OUT	(Inch)	2	2-1/2		3
DIMENSION						
	Length	(mm.)	2,140		2,860	
	Width	(mm.)	1,140			
	Height	(mm.)	1,865			
WEIGHT (Aprox.)	(kgs.)	670	755	840	1,000	

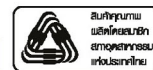
**Nominal capacity based on 45°F suction temp. And 95°F ambient temp (1 MBH. = 1,000 BTUH)

ELECTRICAL DATA

MODEL	TACU-CHB	020	025	030	040
COMPRESSOR (Each)	Quantity	2			4
	Volt / Phase / Hz	380 / 3 / 50			
	Power Input (Watt)	9,190	10,890	13,290	9,190
	FLA. (Amp.)	23	24	34	23
	LRA. (Amp.)	153	153	174	153
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.



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