

MODEL TACI

AIR-COOLED CONDENSING UNIT

CAPACITY FROM 80,000 TO 150,000 BTUH

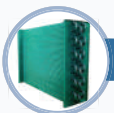
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FEATURES

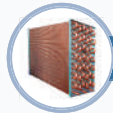
- Compact size and easy installation
- High efficiency hermetic scroll compressor
- Direct drive condenser fan
- High and low pressure switches for protection of valuable equipment (standard on all units)
- R-410a Refrigerant

Special fin type for anti corrosion purpose



Green guard coated on Condenser coils

Corrosion prevention caused by ocean vapor and chemicals which extends coil life span.

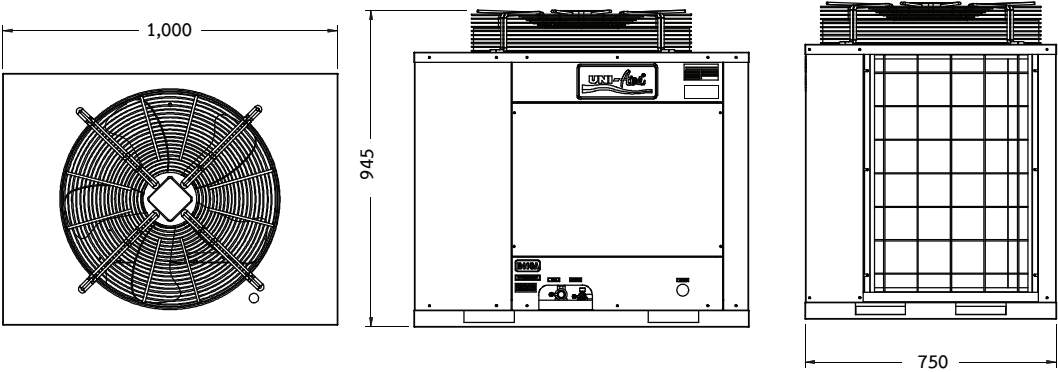


Copper fin condenser coil

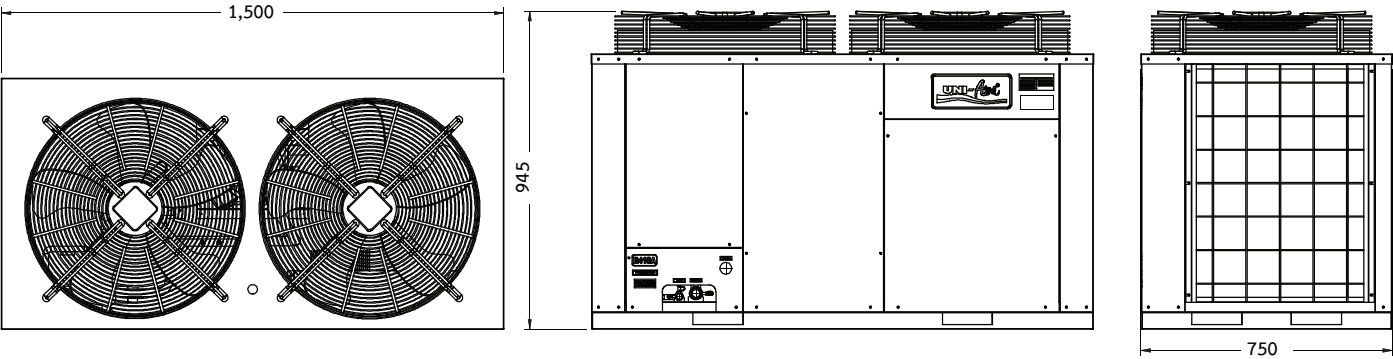
Fin made from copper, extends life span of condenser coil. Suitable for seaside area and high acidic factory environment.

**Consulting Uni-Aire's sales engineer for possibility for each location is recommended.*

MODEL : TACI-008AS to TACI-010AS



MODEL : TACI-012AS to TACI-015AS



Unit : mm. (Millimeter)

SPECIFICATIONS, STANDARD ACCESSORIES

With International standard quality guaranteed by customers over 70 countries

UNIT CASING

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

COMPRESSOR

- Hermetic scroll compressor
- Compressor mounted on vibration isolators

AIR COOLED CONDENSER

- Seamless copper tubes, mechanically expanded into aluminum fins with full height collars
- Leak tested at 600 PSIG from factory
- Dynamically and statically balanced, direct-drive fan

REFRIGERATION PARTS

- Service valves for suction line and liquid line

ELECTRICAL PARTS

- Magnetic contactor for fan motor
- Magnetic contactor for compressor
- High-Low pressure switches

PHYSICAL DATA

SPECIFICATION MODEL : TACI						
Model	UNIT	008AS	009AS	010AS	012AS	015AS
Nominal Capacity	MBH	80	90	100	120	150
SEER	BTU/Hr/Watt	15.93	16.36	16.97	15.75	16.65
Power Supply	V/Ph/Hz	380/3/50				
Power Consumption	kW	6.69	7.55	8.31	10.56	12.93
Compressor	Type	Scroll Inverter				
	Circuits	1				
Condenser coil	Type	Aluminum Louver Fin with Inner Groove Copper Tube				
Tube Size	Inch	7 mm.				
Condenser Fan & Motor		Propeller Fan : Vertical Discharge : Direct Drive				
Quantity		1			2	
Power	W	485				
RPM		925				
Air Quantity	CFM	6,300			12,600	
Refrigerant	Type	R-410A				
Charge		Holding Charge : R410a				
Connection						
Suction	Inch	7-8	1-1/8			
Liquid	Inch	1-2				5-8
Dimension						
Length	mm.	1,000			1,500	
Width	mm.	750				
Height	mm.	945				
Weight Operating	Kgs.	137	143	168	193	205

***Nominal Capacity Based on 45F Suction Temp. And 95F ambient temp (1 MBH. = 1000 BTUH)

ELECTRICAL DATA

Model	TACI	008AS	009AS	010AS	012AS	015AS
Compressor	Quantity	1				
	V/Ph/Hz	380/3/50				
	Power Input (Watt)	6,206	7,069	7,826	9,596	11,960
	Rate Current	13.48	15.34	13.30	16.00	19.40
Fan Motor	Quantity	1			2	
	V/Ph/Hz	380/3/50				
	Power Input(Watt)	485			485 X 2	
	FLA. (Amp.)	1.27			1.27 X 2	

FLA = full Load Amp.

LRA = Locked Rotor Amp

**Eurovent certified for model DAHH only.



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