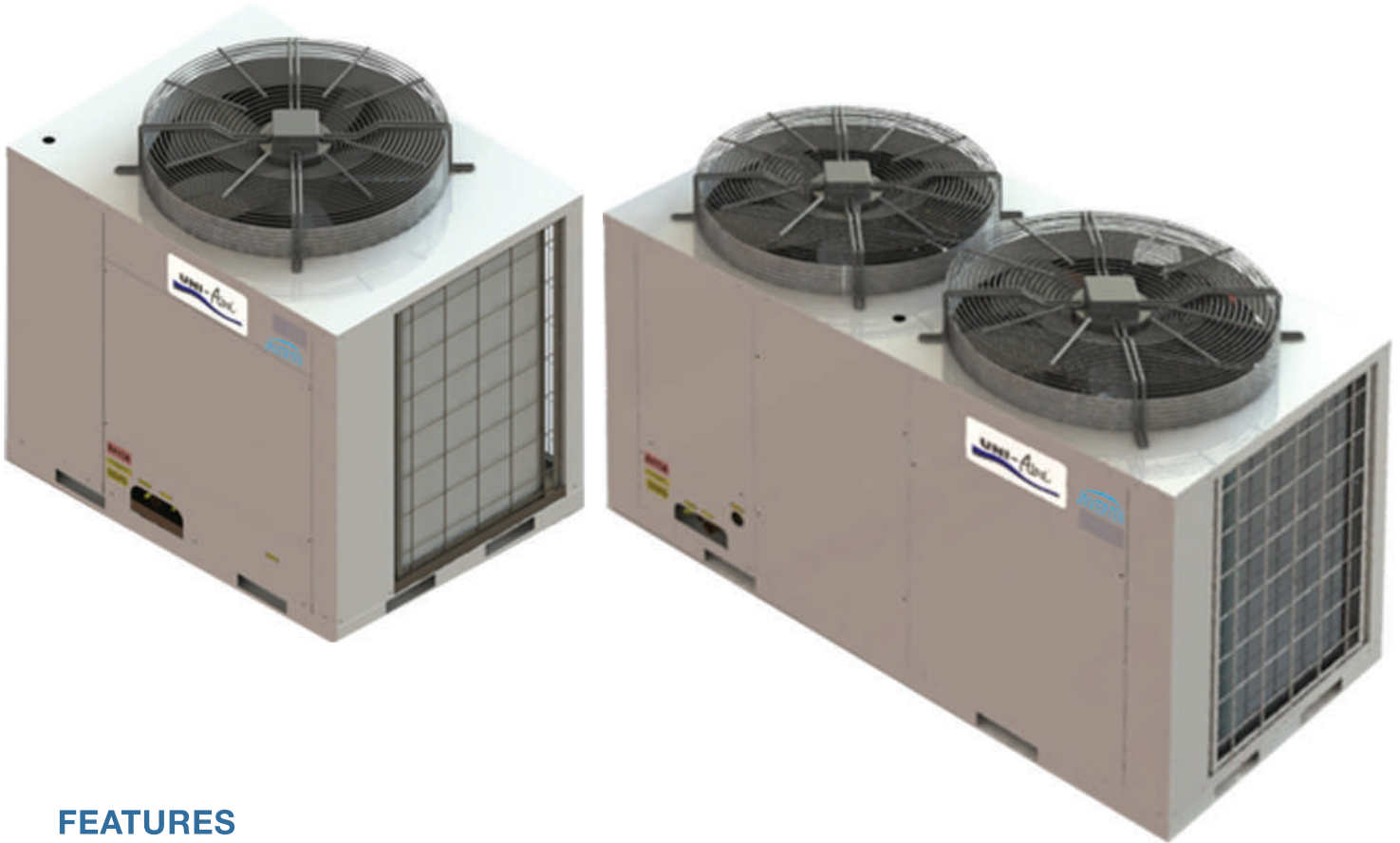


MODEL TAC1

AIR-COOLED CONDENSING UNIT

CAPACITY FROM 80,000 TO 150,000 BTUH

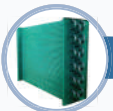
INVERTER



FEATURES

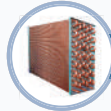
- Compact size and easy installation
- High efficiency hermetic scroll compressor
- Direct drive condenser fan
- High and low pressure switches for protection of valuable equipment (standard on all units)
- R-410a Refrigerant

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.*

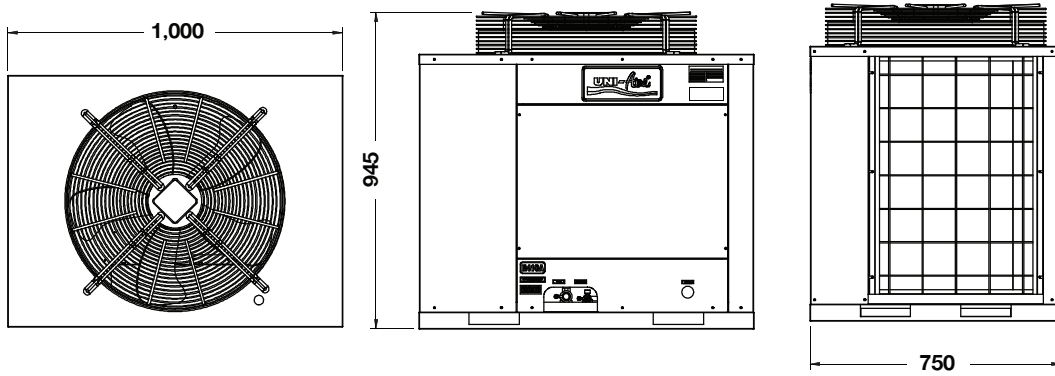
UNI-Aire[®]



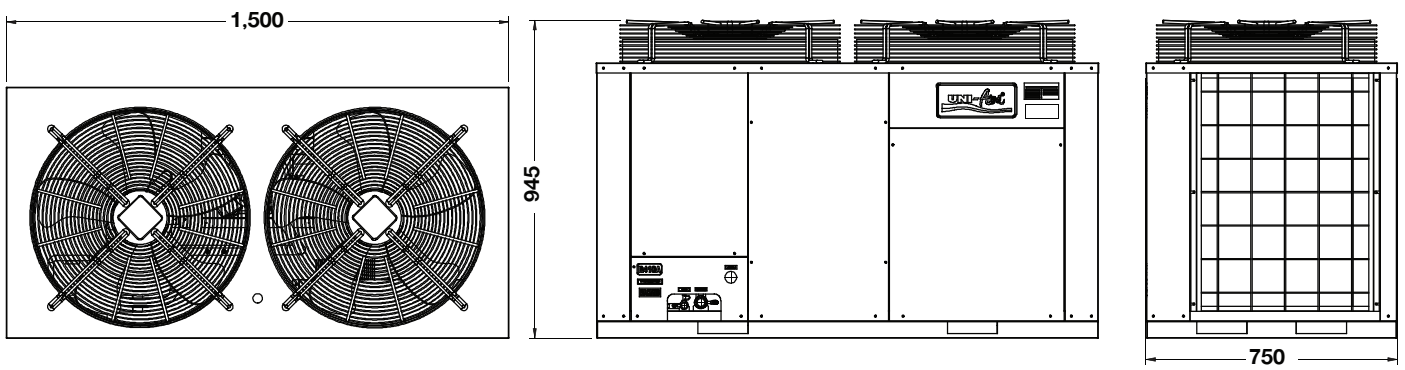
Air Conditioning Experts

DIMENSIONAL DRAWINGS CONDENSING UNIT MODEL : TACI

MODEL : TACI-008AS to TACI-010AS



MODEL : TACI-012AS to TACI-015AS



Unit : mm. (Millimeter)

SPECIFICATIONS, STANDARD ACCESSORIES

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	TACI	UNIT	008AS	009AS	010AS	012AS	015AS
Nominal Capacity		MBH	80	90	100	120	150
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			485 X 2	
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
	FLA.(Amp.)	13.52	15.38	13.34	16.08	19.48
Fan Motor	Quantity	1			2	
	V/Ph/Hz	380/3/50				
	Power Input(Watt)	485			485 X 2	
	FLA.(Amp.)	1.23			1.23 X 2	

FLA = full Load Amp.

LRA = Locked Rotor Amp



ISO 9001
ISO 14001
ISO 45001
ISO 14064-1



ISO/IEC17025



TIS. 2134
TIS.1529



TIS 17025



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THS.8001



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Green
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Green Industry
Green Industry



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The Federation
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• GREEN INNOVATION

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