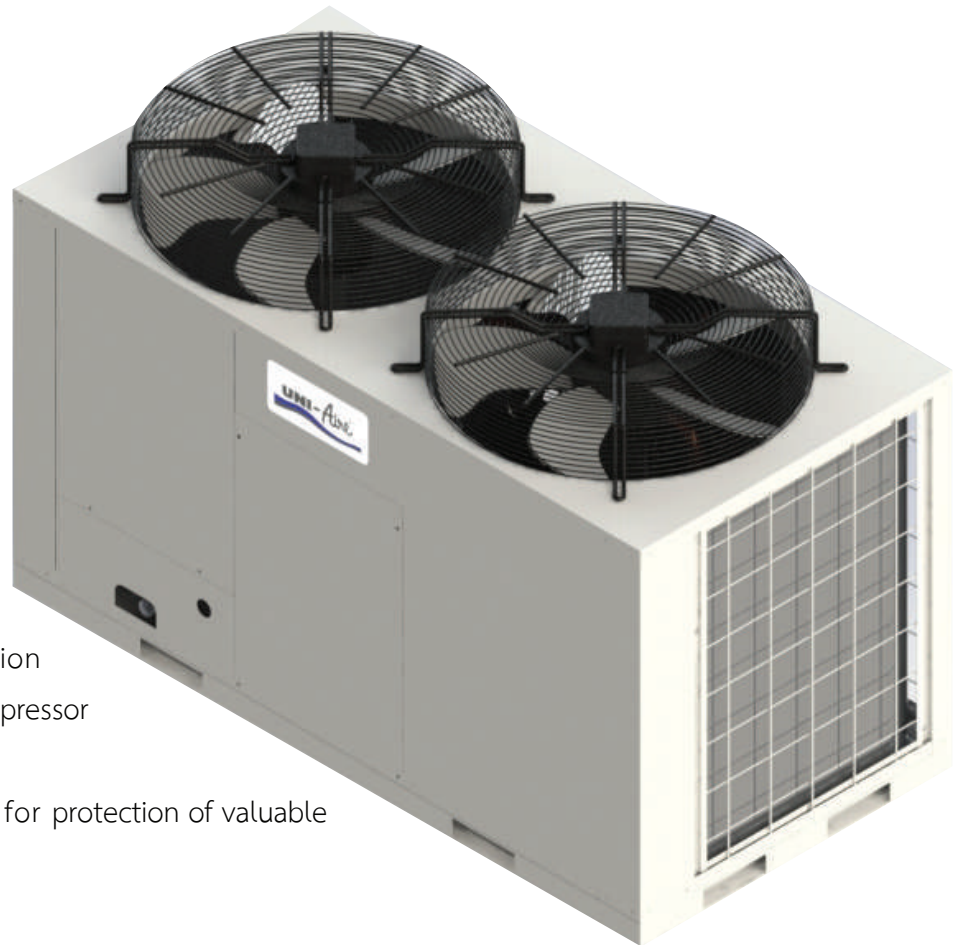


MODEL TACU

AIR-COOLED CONDENSING UNIT

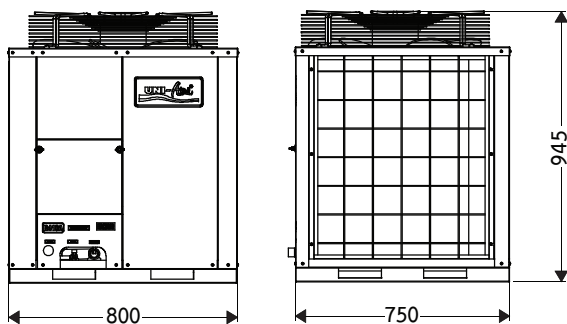
CAPACITY FROM 80,000 TO 150,000 BTUH



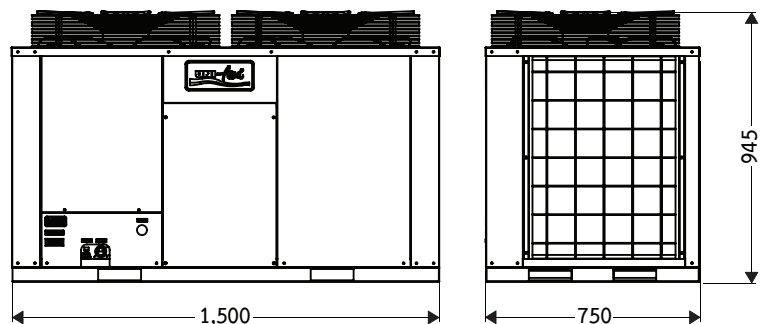
FEATURES

- 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

MODEL : TACU-008AS to TACU-010AS



MODEL : TACU-012AS to TACU-015AS



Unit : mm. (Millimeter)

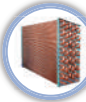
UNI-Aire[®]
Air Conditioning Experts

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.

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

Condensing Unit Model		TACU	008AS	009AS	010AS	012AS	015AS	
Nominal Capacity*		BTU/Hr	80,000	90,000	100,000	120,000	150,000	
Power Consumption		kW	7.15	8.27	9.38	11.94	14.27	
Power Supply		V/Ph/Hz	380/3/50					
Compressor	Type	Hermetic "Scroll"						
	Refrigerant Type	R410A (Holding Charge)						
	Circuits of Refrigerant	1						
Condenser Coil	Type	Plate Fin Coil : Direct Expansion						
	Material	Aluminum Louver Fin with Inner Grooved Copper Tube						
Condenser Fan & Motor	Fan Type	Propeller Fan : Vertical Discharge : Direct Drive						
	Quantity	Set	1		2			
	Motor Speed	RPM	922					
Pipe Connection	Suction	Inch	7/8	1-1/8				
	Liquid	Inch	1/2			5/8		
Dimension	Width	mm.	800			1,500		
	Depth	mm.	750					
	Height	mm.	945					
Weight	Kgs.	120	142	150	170	185		

*Nominal Capacity Based on 45°F Suction Temp. And 95°F ambient temp

ELECTRICAL DATA

Model	TACU	008AS	009AS	010AS	012AS	015AS	
Compressor	Quantity	Pcs.	1				
	Power Supply	V/Ph/Hz	380/3/50				
	Power Input	Watt	6,170	7,290	8,400	9,970	12,300
	FLA.	Amp.	16.2	19.0	23.0	24.0	34.0
	LRA.	Amp.	101	127	153		174
Fan Motor	Quantity	Pcs.	1		2		
	Power Supply	V/Ph/Hz	380/3/50				
	Power Input	Watt	983			983 (x2)	
	FLA.	Amp.	2.46			2.46 (x2)	

FLA = Full Load Amp.

LRA = Locked Rotor Amp



ISO 9001
ISO 14001
TIS 18001
ISO 45001



ISO/IEC 17025



NSC-TIS-TIS 17025 TESTING 0593



THAILAND TRUSTED QUALITY

UNI-AIRE CORPORATION CO., LTD.

69 Moo 3 Kingkaew Rd., Bangplee, Samutprakarn 10540 THAILAND



+662-312-4500



@uni-aire



localsale@uni-aire.com



Uni-Aire



Whatsapp : +6691-754-0247



www.uni-aire.com



export@uni-aire.com



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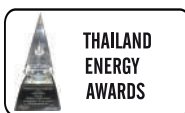
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5 Star logo



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