

MODEL SAHH / TACU

AIR HANDLING UNIT

AIR QUANTITY

FROM 2,600 TO 5,000 CFM.

COOLING CAPACITY

FROM 80,000 TO 150,000 BTUH



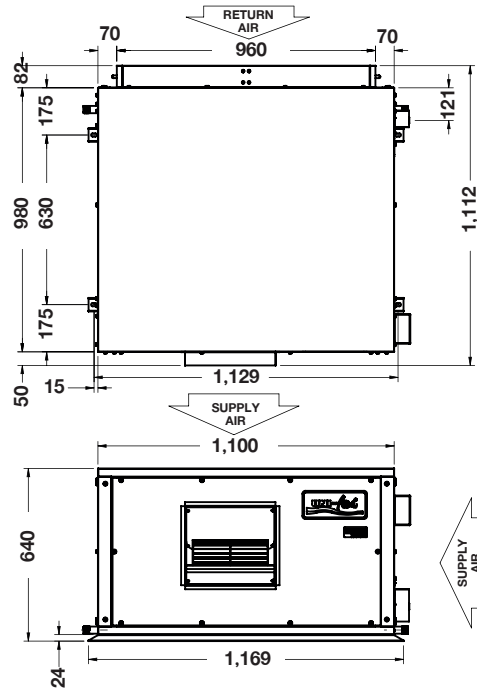
Air Conditioning Experts



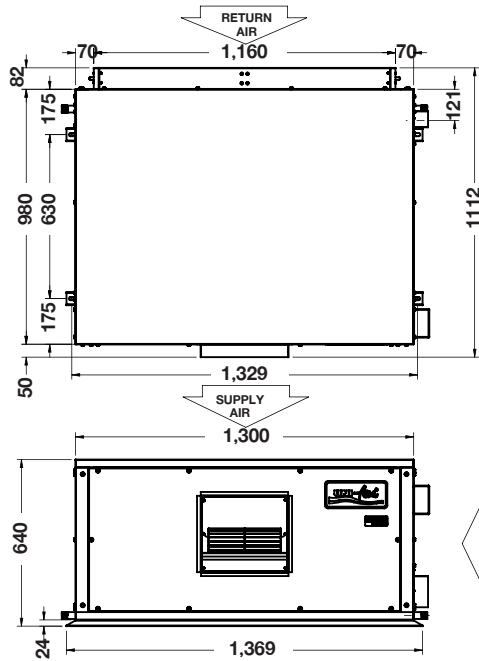
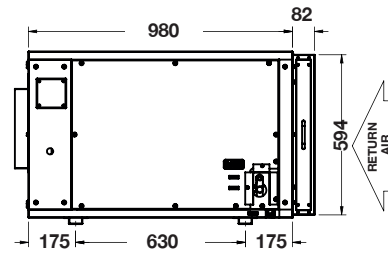
Features

- **Compact Size :** Small footprint need minimum space to install
- **Easy to Install:** Terminal block located outside for easier wire connection.
- **Low leak Construction :** The unit design only one modular construction which can prevent the leakage more than multiple modular construction.
- **Easy maintenance filter :** Filter located outside the casing makes It easier to change or clean the filter

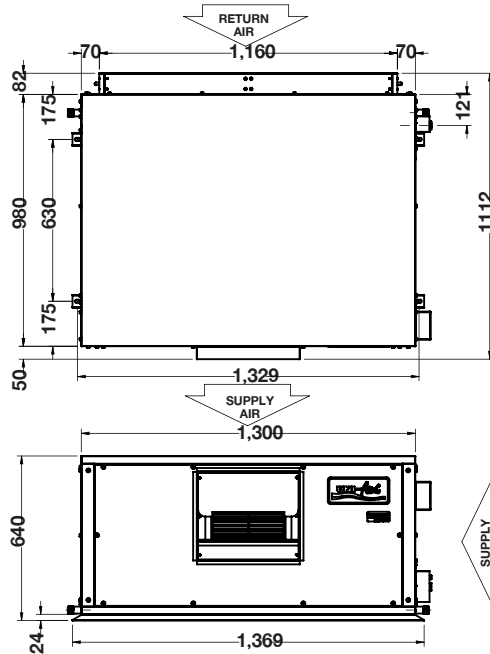
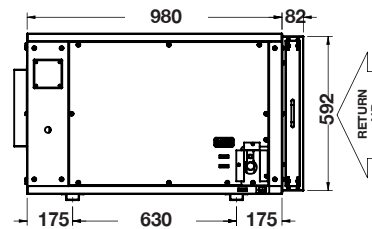
DIMENSIONAL DRAWINGS MODEL : SAHH



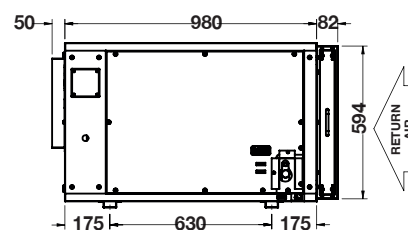
MODEL : SAHH - 008A



MODEL : SAHH - 009A1

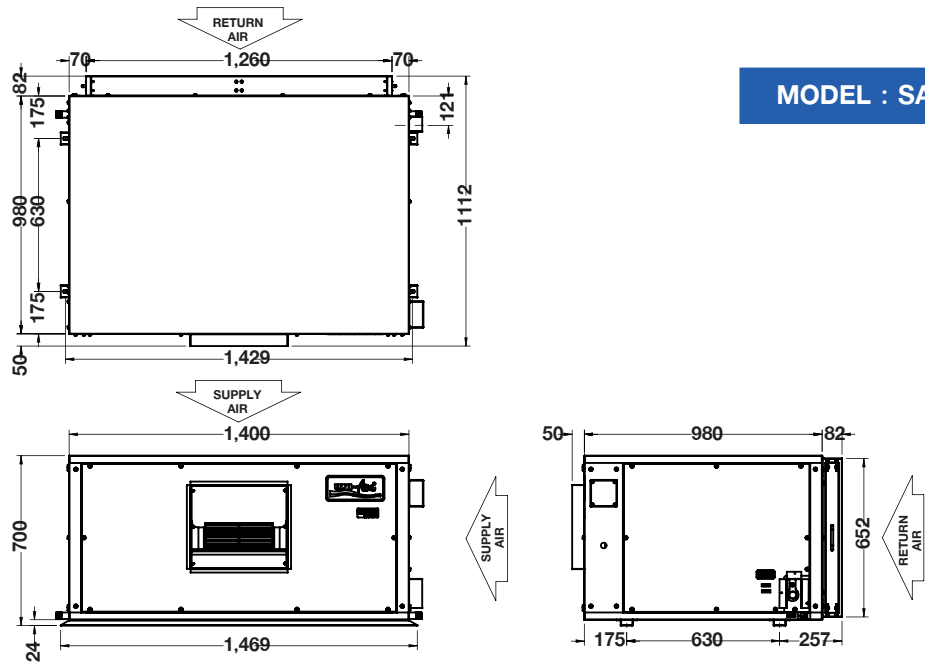


MODEL : SAHH - 010A1

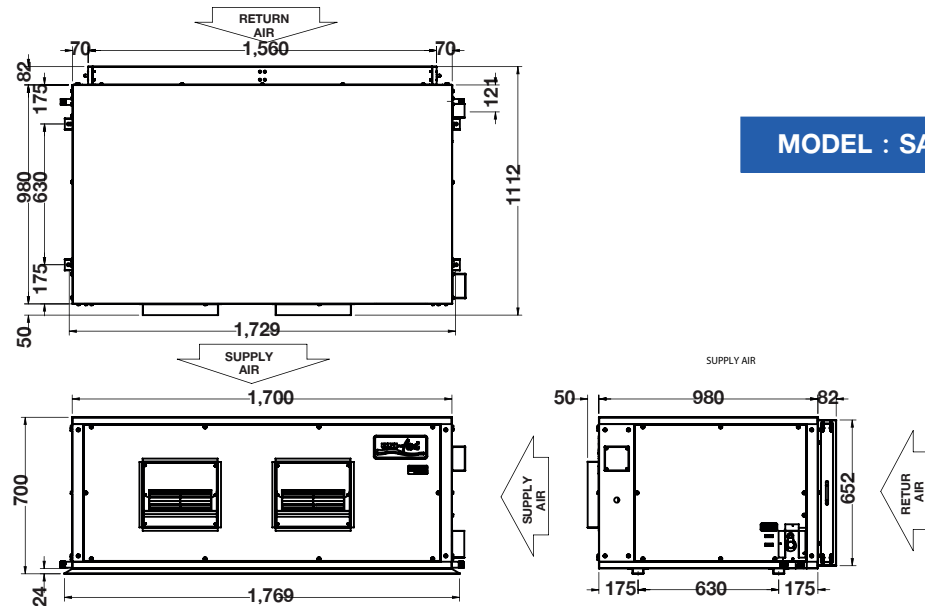


DIMENSIONAL DRAWINGS MODEL : SAHH

MODEL : SAHH - 012A1



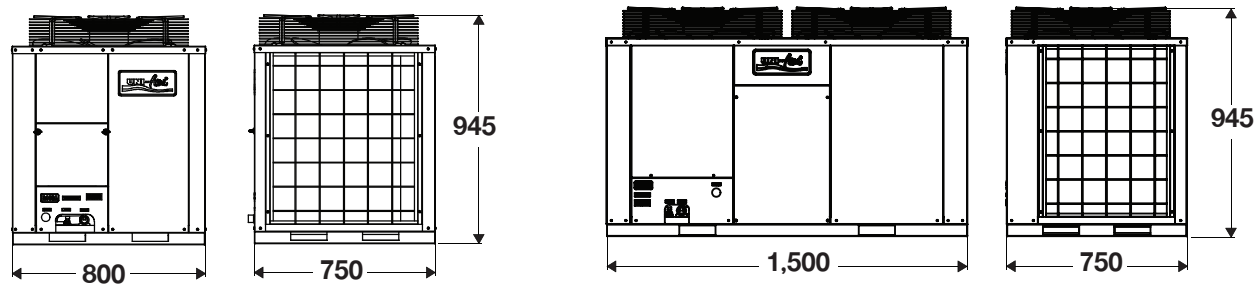
MODEL : SAHH - 015A1



DIMENSIONAL DRAWINGS CONDENSING UNIT MODEL : TACU

MODEL : TACU-008AS to TACU-010AS

MODEL : TACU-012AS to TACU-015AS



SPECIFICATIONS, STANDARD ACCESSORIES

**Cooling Coil**

"The cooling coil is Aluminum fin with copper tubes that makes high heat transfer.

**Filter**

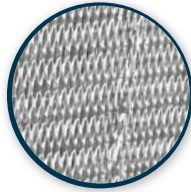
Washable 1" aluminum Filter or any special filter such as a synthetic filter is an option.

UNIT CASING

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

Blower

Fans are designed with forward curved impellers. The drive is a direct drive type; it is flexible to high static pressure with maximum air flow. The drive components are lubricated and balanced at the factory.

**CONDENSING UNIT MODEL : TACU**

Model : TACU
008AS to 010AS



Model : TACU
012AS to 015AS

PHYSICAL DATA & ELECTRICAL DATA

SPECIFICATION MODEL : SAHH / TACU						
Fan Coil Unit	Model	SAHH-008A1	SAHH-009A1	SAHH-010A1	SAHH-012A1	SAHH-015A1
Nominal Capacity (Cooling)	kW	23.45	26.38	29.31	35.17	43.96
	Btu/Hr	80,000	90,000	100,000	120,000	150,000
Air Flow	Rate(CFM)	2,600	3,000	3,300	4,000	5,000
	ESP (in.wg)	1				
Cooling Coil	Type	Louver Aluminium Fin with Inner Grooved Copper Tube				
	Area (sq.ft)	5.5	6.11	6.72	8	10
	Row	3				
	FPI	12				
	FPM	473	491		500	
Refrigerant	Type	R-410a				
Blower Set	Type	Centrifugal Fan with Belt Drive				
	Blower size	10'' X 10''		12'' X 12''		10'' X10''
	Qty	1				2
	Motor Output (HP)	1.5	2		3	
	Qty	1				
	RPM	1,141	1,205	986	991	1,183
	Power Supply (V/Ph/Hz)	380/3/50				
Dimensions	W (mm)	1,100	1,300		1,400	1,700
	D (mm)	980				
	H (mm)	640			700	
Weight	KG.	135	150	160	180	240
Expansion Device	Type	Thermal Expansion Valve				
Air Filter	Type	Washable Aluminium Filter				
Condensing Unit	Model	TACU-008AS	TACU-009AS	TACU-010AS	TACU-012AS	TACU-015AS
	Type	Vertical Air Flow				
Condenser Coil Type		Aluminium Louver Fin with Inner Grooved Copper Tube				
Fan	Type	Propeller				
	Quantity (PCS.)	1			2	
Motor	Power Input (Watt)	485			485 x 2	
	Rated Current (Amp.)	123			123 x 2	
	Quantity (PCS.)	1			2	
Compressor	Type	Scroll				
	Refrigerant	R-410A (Holding Charge)				
	Power Input (Watt)	6,170	7,290	8,400	970	12,300
	FLA. (Amp.)	11	13.9	16.2	18	24.6
	LRA. (Amp.)	101	127	153		174
	Quantity (PCS.)	1				
	Power Supply (V/Ph/Hz)	380/3/50				
Pipe Connection	Suction Line (Inch)(OD)	7/8	1-1/8			
	Liquid Line (Inch)(OD)	1/2				5/8
Dimension (W x D x H)	(mm.)	800 x 750 x 945			1,500 x 750 x 945	
Weight	(kgs.)	120	142	150	170	185

* Nominal Cooling Capacity design based on @ 80 FDB° /67 FWB°

**Eurovent certified for model DAHH only.



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