

MODEL CAHV/H / TACU-VACU

AIR HANDLING UNIT

AIR QUANTITY

FROM 1,450 TO 23,000 CFM.

COOLING CAPACITY

FROM 80,000 TO 750,000 BTUH

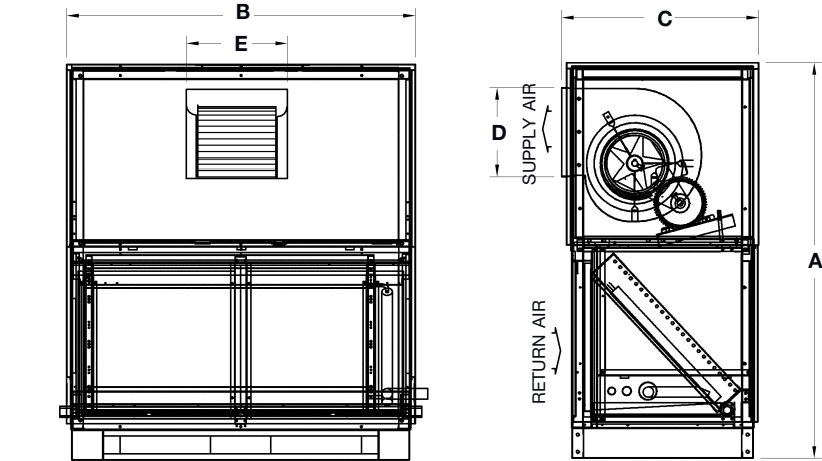


UNI-Aire[®]

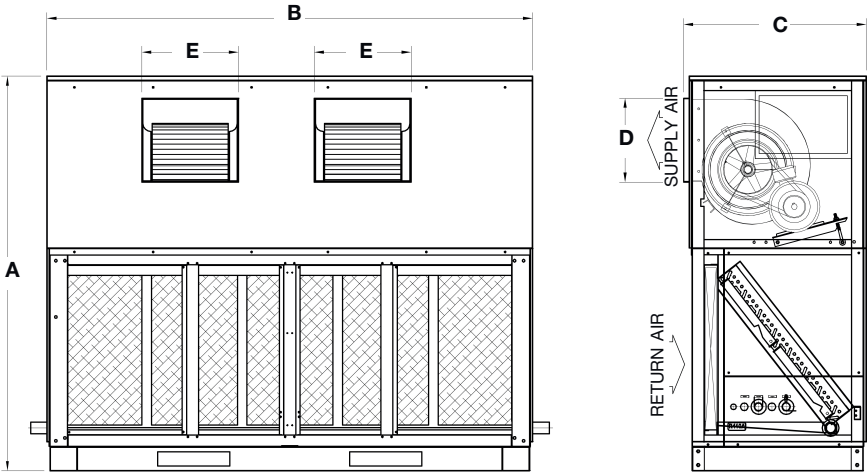
Air Conditioning Experts

FEATURES

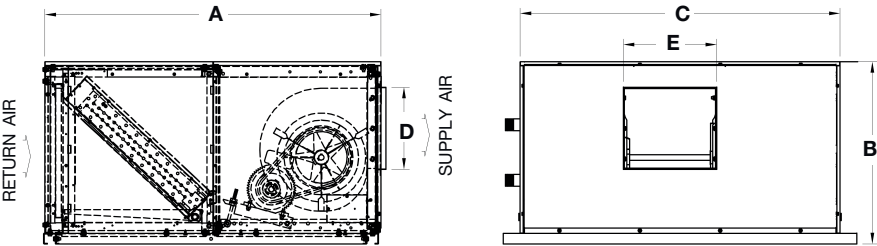
- Easy Installation & Maintenance
- High Performance & High External static
- Heavy-duty Blower
- Copper tube with Aluminium Fin Coils



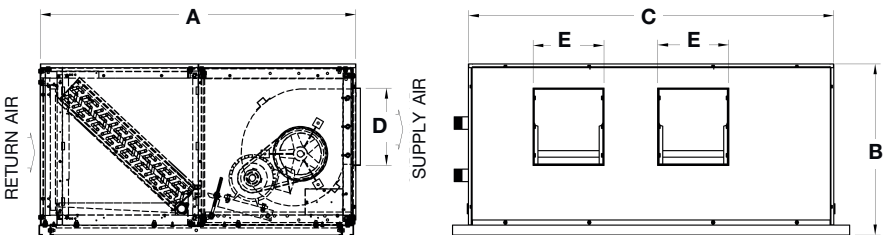
MODEL	DIMENSIONS				
	A	B	C	D	E
CAHV-009A1	1,313	1,157	633	296	335
CAHV-010A1	1,313	1,157	633	340	395



MODEL	DIMENSIONS				
	A	B	C	D	E
CAHV-012A1	1,313	1,402	633	293	273
CAHV-015A1	1,313	1,606	655	295	337
CAHV-020A1	1,643	2,024	761	349	403
CAHV-025A1	1,643	2,024	761	349	403
CAHV-030A1	1,858	2,030	821	410	477
CAHV-040A1	2,104	2,302	917	413	480

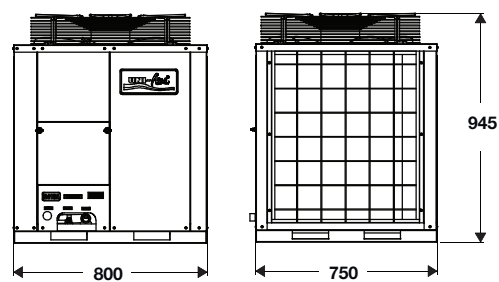


MODEL	DIMENSIONS				
	A	B	C	D	E
CAHH-009A1	1,234	656	1,154	296	335
CAHH-010A1	1,234	656	1,154	340	395

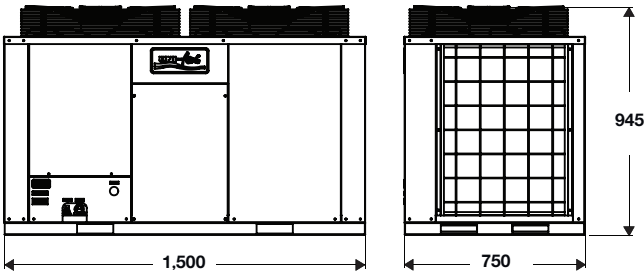


MODEL	DIMENSIONS				
	A	B	C	D	E
CAHH-012A1	1,234	656	1,404	293	273
CAHH-015A1	1,234	656	1,604	295	337
CAHH-020A1	1,561	772	2,032	349	403
CAHH-025A1	1,561	772	2,032	349	403
CAHH-030A1	1,778	832	2,032	410	477
CAHH-040A1	2,023	934	2,376	413	480

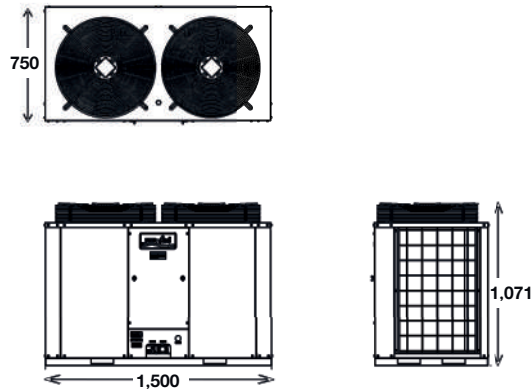
MODEL : TACU-008AS to TACU-010AS



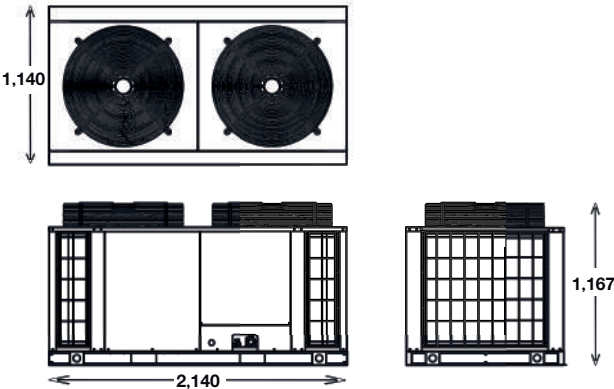
MODEL : TACU-012AS to TACU-015AS



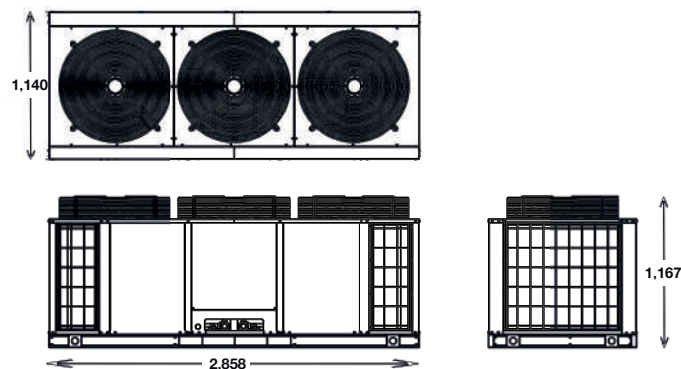
MODEL : TACU-020AS



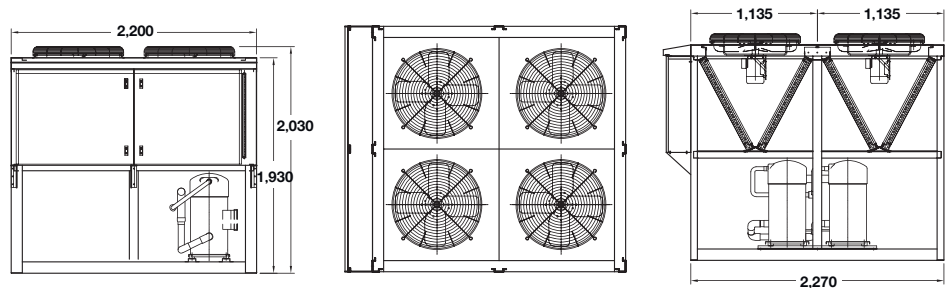
MODEL : TACU-020AS-030AS



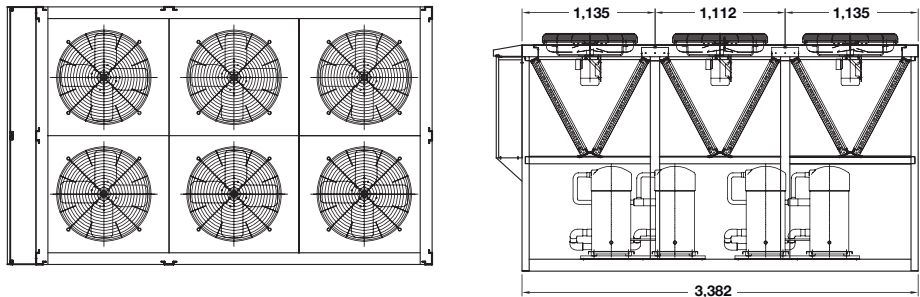
MODEL : TACU-040AS



MODEL : VACU-050A to VACU-060A



MODEL : VACU-070A



SPECIFICATION MODEL : CAHV/H / TACU												SPECIFICATION MODEL : CAHV/H / VACU							
Nominal Cooling Capacity (BTU/Hr)		80,000	90,000	100,000	120,000	150,000	200,000	250,000	200,000	250,000	300,000	400,000	500,000	600,000	750,000				
COP (Watt / Watt)		3.09	3.03	2.74	2.76	2.91	2.97	2.93	2.80	2.82	2.83	4.44	2.44	1.38	1.05				
Power Consumption (kW)		7.60	8.72	10.70	12.75	15.08	19.71	24.98	20.95	26.02	31.05	26.40	59.99	127.44	210.04				
Rated Operation Current (Amp)		14.18	17.08	20.83	23.86	30.46	34.34	45.45	39.27	48.04	58.71	49.97	123.10	256.30	459.50				
Power Supply (Volt/Phase/Hz)		380/3/50																	
Fan Coil Unit	Model	CAHV/H-008A1	CAHV/H-009A1	CAHV/H-010A1	CAHV/H-012A1	CAHV/H-015A1	CAHV/H-020A1	CAHV/H-025A1	CAHV/H-030A1-2C	CAHV/H-025A1-2C	CAHV/H-030A1-2C	CAHV/H-040A1-2C	CAHV/H-050A-2C	CAHV/H-060A-2C	CAHV/H-075A-2C				
	Type	Duct Type																	
Air Flow Rated (Nominal) (CFM)		1,950	2,500	2,950	3,300	4,250	6,500	7,000	6,500	7,000	8,000	10,500	13,400	16,000	20,000				
Air Flow Rated (Range) (CFM)		1,450-2,450	2,000-3,000	2,450-3,450	2,800-3,800	3,250-5,250	5,000-8,000	5,000-9,000	5,000-8,000	5,000-9,000	6,000-10,000	8,500-12,500	10,400-16,400	12,000-20,000	17,000-23,000				
External Static Pressure (in.wg.)		0.21	0.22	0.22	0.23	0.24	0.37	0.56	0.37	0.56	0.65	0.75	0.98	1.13	1.15				
Blower	Type	Centrifugal (Vertical or Horizontal Discharge) (Belt Drive)																	
	Quantity (PCS)	1				2													
Motor	Power Input (Watt)	0.94		1.81		2.61		3.51	2.61	3.51	4.28	6.49	8.46	12.25					
	Rated Current (Amp)	1.95		3.40		4.87		6.50	4.87	6.50	7.53	11.10	15.30	21.50					
	Quantity (PCS)	1																	
Evaporator Coil		Aluminium Louver Fin with Inner Grooved Copper Tube (3/8")																	
Expansion Device Type		Thermostatic Expansion Valve (TXV)																	
Control Type		Optional																	
Air Filter Type		Aluminium Filter																	
Drain Connection (Inch/OD)		3/4			1			1-1/4											
CAHV : Dimension (WxDxH) (mm.)		1,120x601x1,332			1,370x601x1,332		1,570x601x1,332					1,998x712x1,667		1,998x770x1,877		2,270x870x2,123	2,368x1,079x2,328	2,824x1,079x2,328	3,230x1,079x2,500
CAHV : Weight (kgs.)		130		143	160	184	240	260	240	260	305	365	415	470	600				
CAHH : Dimension (WxDxH)		1,276x1,234x656			1,526x1,234x656		1,726x1,234x656		2,154x1,561x772			2,154x1,778x832		2,426x2,023x934	2,368x2,235x1,260	2,820x2,235x1,260	3,310x2,559x1,260		
CAHH : Weight (kgs.)		143	144	160	180	198	260	280	260	280	327	388	450	510	650				
Condensing Unit	Model	TACU-008AS	TACU-009AS	TACU-010AS	TACU-012AS	TACU-015AS	TACU-020A	TACU-025A	TACU-020AS-2C	TACU-025AS-2C	TACU-030AS-2C	TACU-040AS-2C	VACU-050A-2C	VACU-060A-2C	VACU-070A-2C				
	Type	Vertical Air Flow																	
Condenser Coil Type		Aluminium Louver Fin with Inner Grooved Copper Tube (7 mm.)						Aluminium Louver Fin with Inner Grooved Copper Tube (3/8")											
Fan + Motor	Fan Type	Propeller (With Motor Direct Drive)																	
	Power Input (kW)	0.485					0.850	1.087	0.850	1.087			1.468						
	Rated Current (Amp.)	1.23					1.20	2.29	1.20	2.29			2.3						
	Quantity (Set)	1				2						3		4		6			
Compressor	Type	Scroll																	
	Refrigerant	R-410A (Holding Charge)																	
	Circuit of Refrigerant	1							2										
	Power Input (kW)	6.17	7.29	8.40	9.97	12.30	15.40	19.30	8.32	10.17	12.30	8.32	22.83	27.33	31.497				
	FLA (Amp.)	11.00	13.90	16.20	18.00	24.60	27.07	34.37	16.00	18.48	23.30	16.00	49.30	56.40	70.70				
	LRA (Amp.)	101	127	153	153	174	219	272	139	153	174	139	270	300	390				
	Quantity (PCS)	1							2				4			6			
Pipe Connection	Suction Line (Inch/OD)	7/8	1-1/8				1-3/8	1-5/8	1-1/8 (x2)			1-3/8 (x2)	1-5/8 (x2)	2-1/8 (x2)					
	Liquid Line (Inch/OD)	1/2				5/8	7/8		1/2 (x2)		5/8 (x2)	7/8 (x2)							
Dimension (WxDxH) (mm.)		800x750x945			1,500x750x945			2,140x1,140,1,165				2,860x1,140x1,165		2,200x2,509x2,030		2,200x3,624x2,030			
Weight (kgs.)		120	142	150	170	185	370	425				480	550	1,264	1,278	1,686			

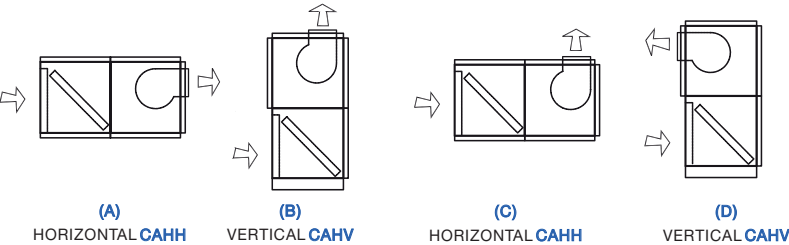
*Nominal cooling capacity based on 80 °FDB and 67 °FWB entering air temp., And 45°F suction temp. and 95°F ambient temp.

Specifiation are subjected to change without notice for future improvement

FLA = Full Load Amp.

LRA = Locked Rotor Amp

ALTERNATE BLOWER ARRANGEMENTS



"Orders without specific blower arrangement will be considered as standard configuration (A or B)"

CONDENSING UNIT



**Eurovent certified for mode DAHH only.



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