

MODEL CAHV/H

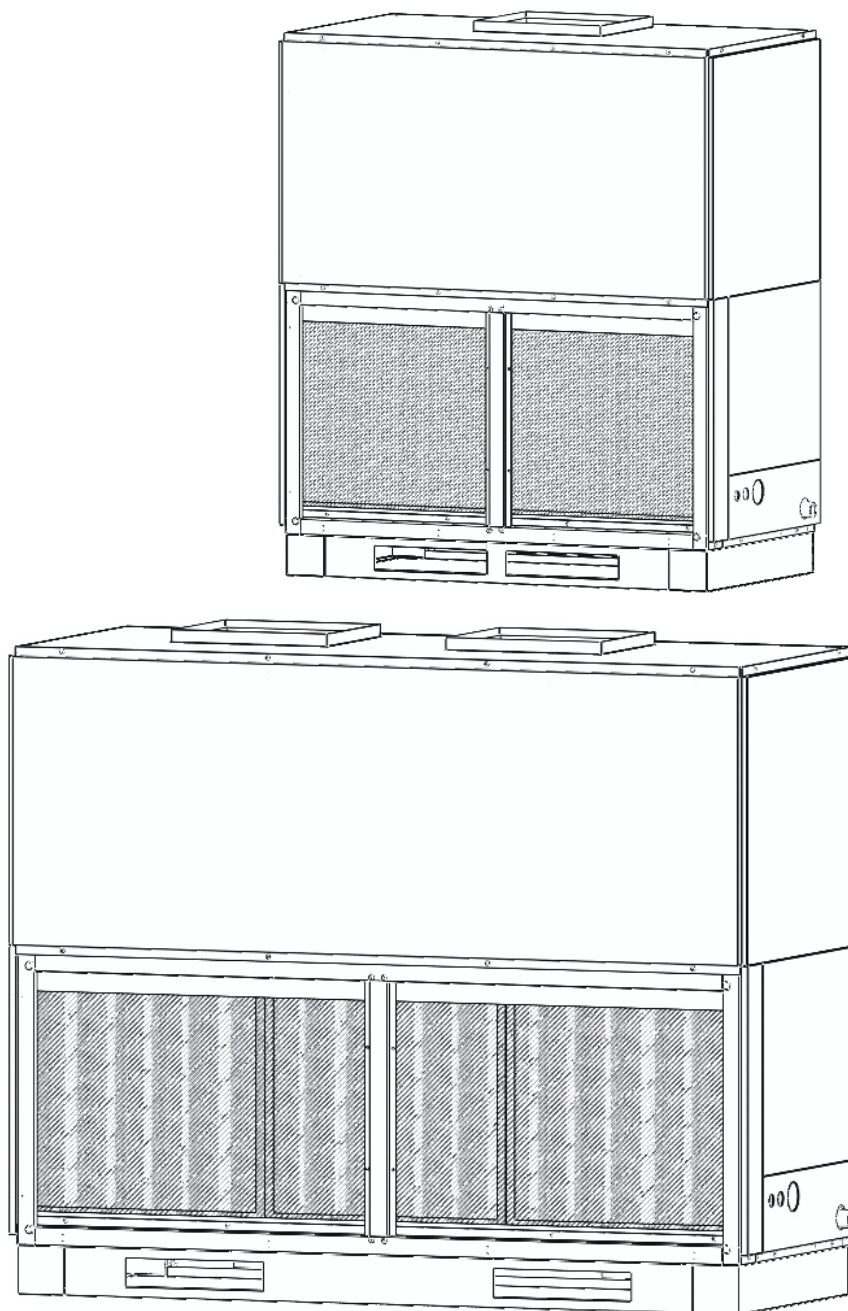
AIR HANDLING UNIT

AIR QUANTITY

FROM 1,450 TO 23,000 CFM.

COOLING CAPACITY

FROM 80,000 TO 750,000 BTUH



Air Conditioning Experts

FEATURES

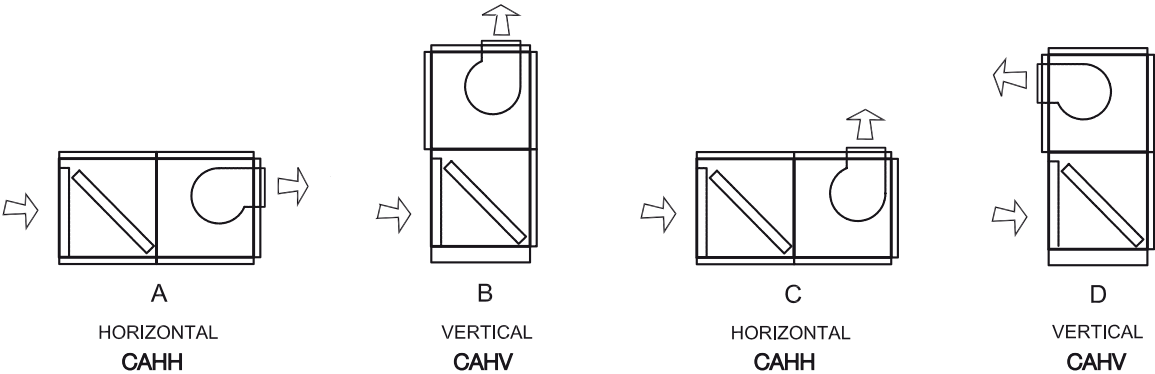
- Easy Installation & Maintenance
- High Performance & High External static
- Heavy-duty Blower
- Copper tube with Aluminium Fin Coils

PHYSICAL DATA & ELECTRICAL DATA

Fan Coil Unit	Model		CAHV/H											
		DX. COIL	008A	009A	010A	012A	015A	020A	025A	030A	040A	050A	060A	075A
Cooling Capacity		BTU/Hr	80,000	93,000	100,000	120,000	150,000	200,000	250,000	300,000	400,000	500,000	600,000	750,000
Blower	Type		Centrifugal (Vertical or Horizontal Discharge) : Belt – Drive											
	External Static Pressure	in.wg	0.21	0.22	0.22	0.23	0.24	0.37	0.56	0.65	0.75	0.98	1.13	1.15
	Air Flow Rated (Nominal)	CFM	1,950	2,500	2,950	3,300	4,250	6,500	7,000	8,000	10,500	13,400	16,000	20,000
	Air Quantity 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	6,000–10,000	8,500–12,500	10,400–16,400	12,000–20,000	17,000–23,000
		Qty.	1			2								
Motor	Power output	HP/Pole	1HP/4P		2/4P			3/4P	4/4P	5/4P	7.5/4P	10/4P	15/4P	
	Power Supply	Volt/Phase/Hz	380 / 3 / 50											
	Power Consumption	Watt	942		1,812			2,610	3,509	4,278	6,494	8,455	12,249	
	Rated Current	Amp.	1.95		3.40			4.87	6.50	7.53	11.10	15.30	21.50	
Cooling Coil	Type		Plate Fin Coil : Direct Expansion											
	Material		Aluminium Louver Fin with Inner Groove Copper Tube											
	Circuit	Qty.	1					2						
Insulation	Thickness	Inch (mm)	10									12.7		
Air Filter	Thickness	Inch	Washable Aluminium Type											
Pipe Connection	Suction OD	Inch	1-1/8		1-3/8			1-3/8 (x2)			1-5/8 (x2)		2-1/8 (x2)	
	Liquid OD	Inch	5/8					5/8 (x2)			7/8 (x2)			
	Drain FPT	Inch	3/4			1		1-1/4						
Dimension : CAHV	Width	mm	1,156			1,406	1,606	2,030		2,030	2,302	2,368	2,824	3,230
	Height	mm	1,330			1,330	1,330	1,667		1,877	2,123	2,328	2,328	2,500
	Depth	mm	637			637	637	744		802	898	1,054	1,054	1,054
Weight		kgs	131	131	146	161	186	240	260	305	365	415	470	600
Dimension : CAHH	Width	mm	1,156			1,406	1,606	2,030		2,030	2,302	2,368	2,824	3,230
	Height	mm	656			656	656	772		832	1,260	1,260	1,260	1,260
	Depth	mm	1,234			1,234	1,234	1,561		1,778	2,023	2,210	2,210	2,385
Weight		kgs	144	145	163	181	20	260	280	327	388	450	510	650

Cooling capacity based on 80 °F Db, 67 °F Wb air on entering coil
95 °F Db, 83 °F Wb ambient temp.
Specification are subjected to change without notice for future improvement.

ALTERNATE BLOWER ARRANGEMENTS



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

ISO 9001
ISO 14001
TIS 18001
ISO 45001

ISO/IEC 17025

NSC-TISI-TIS 17025
TESTING 0593

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