



Factory by H.I.M

AIR HANDLING UNIT



Model : AHW Series (Water Coil Type)
Capacity : 20,000 - 60,000 Btu/hr

GENERAL DATA

Model Number		AHW-006V/H	AHW-008V/H	AHW-010V/H	AHW-012V/H	AHW-016V/H	AHW-020V/H
Nominal Capacity	Btu/hr	20,000	24,000	30,000	36,000	50,000	60,000
	kW	5.86	7.03	8.79	10.55	14.65	17.58
	kcal/hr	5,038	6,045	7,557	9,068	12,594	15,113
Evaporator	Type	Aluminium Corrugate Fin Type & Copper Tube					
Evaporator	No.	1	1	1	1	1	1
Coil Face Area	sq.ft	2.0	2.0	3.2	3.2	4.4	4.4
Fin Density	fin / in	12					
Row	rows	3	4	3	4	3	4
Tube Size	in	1/2	1/2	1/2	1/2	1/2	1/2
Blower	Type	Centrifugal Double Inlet Forward Curved - Belt Drive					
Blower	No.	1	1	1	2	2	2
Blower Size	in	8 x 7	9 x 7	9 x 7	9 x 9	10 x 10	20 x 20
Volume Flow Rate	CFM	600	800	1,000	1,200	1,600	2,000
Motor	HP.	1/4	1/3	1/3	1/2	1/2	3/4
Motor	No.	1	1	1	1	1	1
Power Supply	V / Ph / Hz	380 - 415 / 3 / 50					
Speed	Type	3-Speed					
RLA	A	1.5	2.0	2.3	2.8	3.1	4.2
Water Flow Rate	GPM	4.0	4.8	6.0	7.2	10.0	12.0
	L/min	14.9	17.9	22.4	26.9	37.3	44.8
Pressure Drop	Ft. WG	10.5	12.7	9.8	11.83	9.12	10.3
	kPa	31.4	38.0	29.3	35.4	27.3	30.8
Piping Connection	Type	Male Pipe Thread					
Water in	in	3/4	3/4	3/4	3/4	1	1
Water Out	in	3/4	3/4	3/4	3/4	1	1
Drain	in	7/8					
Air Filter	Type	Washable Aluminium					
Air Filter Thickness	in	1					
Dimension	mm. (A)	660	660	762	762	940	940
	mm. (B)	787	787	914	914	914	914
	mm. (C)	406	406	476	476	483	483
Duct Connection Size	in. (D)	248	248	476	476	273	295
	in. (E)	260	260	260	260	318	349
Weight	kg.	58	62	69	75	86	95

Note :

- Nominal capacity based on entering air temperature at 27°C DB/19°C WB(80°F DB/67°F WB) and chilled water temperature at inlet 12°C/outlet 7°C(55°F/45°F)
- All units supply with motor and pulleys
- Specifications subject to change without notice

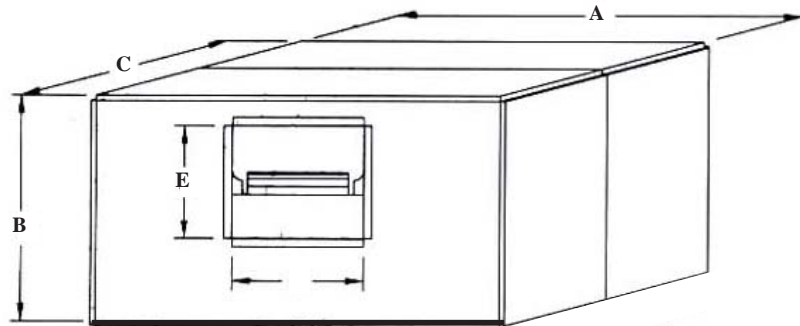


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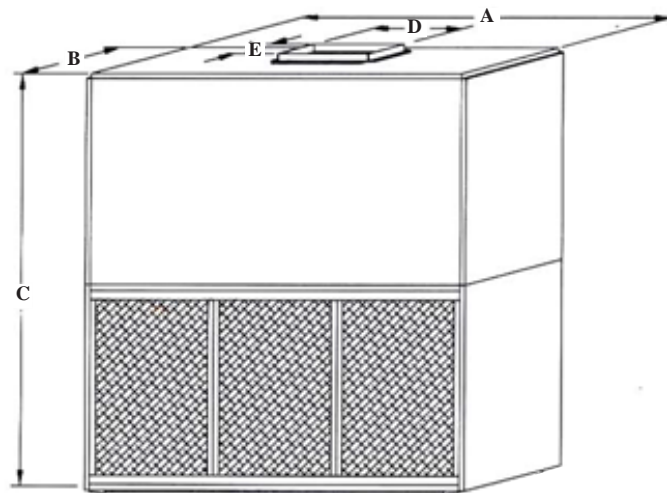
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For model : AHW-006H ~ AHW-020H



For model : AHW-006V ~ AHW-020V



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