



AIR HANDLER UNIT - AHB SERIES

Air Handler Unit - AHB Series



1. Wide Range of Cooling Capacities, 24000 - 60000 Btu/h.

2. Ultra Compact Design, for saving installation space.

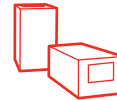


3. Easy Convenient Installation and Maintenance, washable filter design.



4. Three Fan Speed, meet for different requirement.

5. 24V Universal Communication Connection, Safe and simple.



6. Flexible Installation, Horizontal and Vertical position.

Model			AHB-24	AHB-36	AHB-48	AHB-60
Power Supply		V/Hz/Ph	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Capacity						
Cooling	Capacity	Btu/h	24000	36000	48000	60000
	Input	W	2710	3970	5410	5840
	EER	A	2.6	2.66	2.6	2.71
Fan Motor						
Indoor Fan Motor	Qty	-	1	1	1	1
	Input	W	250/197	420/280	515/450	660/512
	Capacitor	µF/V	6µF/450V	15µF/370-450V	12µF/450V	12µF/450V
	Speed (Hi/Lo)	r/min	970/860	1100/980	830/765	985/760
Coil						
Indoor Coil	Number of Rows	-	3	3	3	4
	Tube Pitch(a)×Row Pitch(b)	Inches	7/8"×1/2"	7/8"×1/2"	7/8"×1/2"	7/8"×1/2"
	Fin Spacing	mm	1.3	1.3	1.3	1.3
	Fin Type	-	Hydrophilic Aluminium	Hydrophilic Aluminium	Hydrophilic Aluminium	Hydrophilic Aluminium
	Tube Outside Diameter and Type	Inches	Φ1/4", Inner Grooved Tube	Φ1/4", Inner Grooved Tube	Φ1/4", Inner Grooved Tube	Φ1/4", Inner Grooved Tube
	Coil Length×Height×Width	Inches	(16 3/8"×9 7/8"×1 5/8")×2	(16 3/8"×13 1/4"×1 5/8")×2	(17 1/2"×14 7/8"×1 5/8")×2	(17 1/2"×14 7/8"×2 1/8")×2
	Number of Circuits	-	6	6	6	8
Indoor Air Flow (Hi/Lo)	m3/h	1450	1800	2400	2700	
Indoor External Static Pressure (Hi)	Pa	25	37	50	50	
Indoor Noise Level (Hi/Lo)	dB(A)	49/48	52/51	48/52	52/51	
Throttle Type	-	Throttle Valve	Throttle Valve	Throttle Valve	Throttle Valve	
Unit						
Unit	Dimension (W×H×D)	Inches	30 1/2"×18 1/8"×20 1/2"	30 1/2"×18 1/8"×20 1/2"	38 1/4"×19 3/4"×21 5/8"	38 1/4"×19 3/4"×21 5/8"
	Packing (W×H×D)	Inches	32 7/8"×20 1/2"×22 1/4"	32 7/8"×20 1/2"×22 1/4"	40 1/2"×22"×23 3/8"	40 1/2"×22"×23 3/8"
	Net/Gross Weight	Lbs	79/83	85/92	98/109	112/121
Design Pressure	MPa	2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0	
Draining Pipe Dimension	Inches	RC3/4"	RC3/4"	RC3/4"	RC3/4"	
Refrigerant Piping	Liquid side/ Gas side	Inches	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")



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