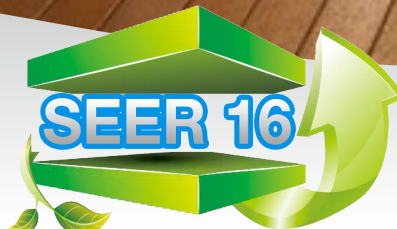


# DUCTED AIR HANDLER & CONDENSER UNIT



Note: Some Features are not standard, please refer to the technical supports and sales representatives.

# DUCTED AIR HANDLER

## Features



Model		AOM36DAH13	AOM60DAH13	AOM36DAH16	AOM60DAH16
Power supply (Voltage / Fase / Frequency)		220~230 / 1 / 60	220~230 / 1 / 60	208~230/1/60	208~230/1/60
Cooling Capacity	Btu/hr	36.000	60.000	36.000 (42.000)*	60.000( 48.000)*
Refrigerant Type		R410A	R410A	R410A	R410A
SEER		13	13	16	16
Indoor External Static Pressure (HI) Input	Pa	40	50	57.5	70
Rated Current	W	1/2	1/2	210	467
Centrifugal Fan Blower	A	1,8	2,8	1.65	3.39
Piston or Expansion Element	inch	10 3/4" x 10 1/4"	10 3/4" x 10 1/4"	10 3/4" x 10 1/4"	10 5/8" x 10 7/8"
Indoor Air Flow (Hi)	Size	N/A	N/A	076	096
Unit Noise Level (Hi / Med / Lo)	CFM	1.200	1.860	1.200	1.860
Packing Dimensions (W x D x H)	dB(A)	1.256 / 1.206 / 1.137	1.900 x 1.883 x 1.616	45.7	60
Net / Packing Weight	inch	19 5/8" x 21 5/8" x 46 1/2"	22" x 24" x 54 1/2"	22" x 54 1/2" x 24"	22" x 54 1/2" x 24"
	inch	23 1/4" x 26 1/4" x 47"	25 1/2" x 28 1/2" x 55"	25" x 55 4/5" x 27 7/10"	25" x 55 4/5" x 27 7/10"
	Lbs	47.5 / 46.1 / 44.6	50.5 / 49.1 / 47.2	172 / 185	172 / 185



Model		AOM18DAH11	AOM24DAH11	AOM36DAH11	AOM48DAH11	AOM60DAH11
Power Supply (Volts/ph/Frecuency)		220-230/1/60	220-230/1/60	220-230/1/60	220-230/1/60	220-230/1/60
Rated Cooling Capacity	Btu/h	18.000	24.000	36.000	48.000	60.000
EER Cooling		2,82	2,78	2,62	2,78	2,65
Max. input consumption	Watts	1879	2554	4008	5036	6038
Noise level (Indoor)	dB(A)	49	49	50	51	52
Output						
Capacitor	Watts	267/218	267/218	461/325	500/420	660/512
FAN Speed	uF	6UF/450V	6UF/450V	10uF/450V	12μF/450V	12μF/450V
Indoor air flow	RPM	635/530	635/530	925/730	800/720	985/760
Dimension(W*D*H)	m3/h	840	840	1130	1355	1590
	Inch	18 1/8" x 20	18 1/8" x 20	18 1/8" x 20 1/2"	21 1/4" x 20	21 1/4" x 20
		1/2" x 39 3/8"	1/2" x 39 3/8"	x 39 3/8"	1/2" x 47 1/4"	1/2" x 47 1/4"
Packing (W*D*H)	Inch	20 1/2" x 22	20 1/2" x 22	20 1/2" x 22 7/8"	23 5/8" x 22	23 5/8" x 22
		7/8" x 41 3/4"	7/8" x 41 3/4"	x 41 3/4"	7/8" x 49 5/8"	7/8" x 49 5/8"
Net/Gross weight	Lbs	103 / 113	103 / 113	113 / 123	139 / 150	140 / 150
Line Set Gas	in	1/4"	3/8"	3/8"	3/8"	3/8"
Line Set Liquid	in	1/2"	5/8"	3/4"	3/4"	3/4"
Refrigerant		R22	R22	R22	R22	R22
Design Pressure		2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0
Drainage water pipe diameter	Mpa	2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0	2.6/1.0
	in OD	3/4"	3/4"	3/4"	3/4"	3/4"

The Air O Matic Air Handler series offers a cost efficient ducted unit to all air conditioning systems. The steel cabinets are pre-painted for a style that will fit any settings. The air handler can be installed vertically or horizontally. The dimensions allow it to be installed in most closets or any hidden spaces for comfort.

- Vertical and Horizontal applications
- Pre-painted steel cabinet
- Easy installation
- Very Quiet

## Accessories

- Installation Manual

Note: Some Features are not standard, please refer to the technical supports and sales representatives.

# CONDENSER UNIT

## Features



Model		AOM36DCU11	AOM60DCU11	AOM36DCU13	AOM60DCU13	AOM36DCU16	AOM60DCU16	
Refrigerant Type		R410A	R410A	R410A	R410A	R410A	R410A	
Refrigerant Charge	Oz	49.384	81.130	130.51	169.32	148.15	165.79	
Input	W	3.800	5.650	3.320	5.352	3.070	4.690	
	Rated Current	A	18.6	25.8	20.2	35.5	19.4	34.5
	Max. Current	A	28	48	85	140	80	135.7
Indoor Noise Level (Hi / Med / Lo)	dB(A)	66	66	60.8	66.2	60.7	66.9	
<b>Compressor</b>								
Input	W	3.800	5.650	3.320	5.352	3.070	4.690	
Compressor Type		SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	
Capacitor	uF	60uF/450V	60uF/450V/ 70UF/450V	45	70	45	70	
<b>Fan</b>								
Fan Input	W	300	330	195	340	210	325	
Capacitor	uF	6UF/450V	12UF/450V	6	15	6	15	
Fan Speed	r/min	1090	1080	840	1.100	840	1,100	
Outdoor Air Flow	CFM	2.531	3.532		4.483		4.483	
<b>Unit Size and Weight</b>								
Unit Dimensions (W x D x H)	inch	33.26x23.62x24.35	37.79x29.13x19.37	29¼" x 29¼ x 25"	29¼" x 29¼ x 33¼"	29¼" x 29¼ x 33¼"	29¼" x 29¼ x 33¼"	
Packing Dimensions (W x D x H)	inch	34.37x24.72x25.19	38.89x30.23x20.23	32.67x32.67x25.90	32.67x32.67x34.17	32.67x32.67x34.17	32.67x32.67x34.17	
Net / Packing Weight	Lbs	165 / 175	171 / 184	73 / 79	97 / 104	85 / 90	101 / 106	
<b>Additional Information</b>								
Application Area	sq. ft	322-538	645-1076	376-538	538-914	376-538	538-914	
Refrigerant Pipping Liquid	inch	3/4"	3/4"	1/2"	1/2"	1/2"	1/2"	
Refrigerant Pipping Gas	inch	3/8"	3/8"	3/4"	7/8"	3/4"	7/8"	
Max. Pipping Length	ft	98	164	130	130	130	130	
Max. Pipping Height Difference	ft	32	32	50	50	50	50	
Electric Cable Connection Recommended	AWG	3 x # 12	3 x # 10	3 x #12	3 x #10	3 x #10	3 x #8	
Signal Cable Connection Recommended	AWG	4 x # 16	4 x # 16	2 x #16	2 x #16	2 x #16	2 x #16	
Thermostat Type		Wire Control	Wire Control	Wire Control	Wire Control	Wire Control	Wire Control	

AIR O MATIC Condensing Unit is the Eco-Friendly unit for any home or office. Pre-charged with R410a and operating at 13 or 16 SEERS, the Air O Matic Condensers are designed to match with any indoor units such as floor ceilings, high walls, and cassettes. Enclosed in a heavy duty galvanized cabinet, Air O Matic Condenser unit operates under a COPELAND scroll compressor, for long lasting and efficient productivity.

AIR O MATIC units are built strong with special features for any type of weather conditions. The cabinet is painted with anti-corrosive powder paint, so the unit will not suffer during any type of cosmetic damage in extreme weather conditions. Each unit comes pre-charged with R410a refrigerant.

- 13 or 16 SEER efficiency R410a charged
- Heavy Duty Cabinet
- Anti-Corrosive Powder Paint Low Noise Level
- Low Vibration Top Panel Easy access service valve Copeland Compressors



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