

# Air Handler-AHU ODU Inverter



Model			24000	36000	48000	60000	
Electrical Data	Voltage-Phase-Hz	V/Ph/Hz	208/230V-1Ph-60Hz				
Compressor	Type		Rotary	Rotary	Rotary	Rotary	
	Capacity	W/h	6700	6700	13000	13000	
	Input	W	1805	1805	3650	3650	
	Rated current (RLA)	A	10	12.8	15.8	20	
	Refrigerant oil	ml	920	920	1300	1300	
	LRA		52	52	58.1	58.1	
Outdoor Fan	Material		Metal				
	Type		Axial Flow				
	Diameter	mm	φ595×115×φ12.7	φ595×115×φ12.7	φ595×115×φ12.7	φ595×115×φ12.7	
Outdoor Coil	Number of row		2	2	2	2	
	Number of U-tubes		28	28	38	38	
	Tube outside dia	mm(in)	7 (9/32)	7 (9/32)	7 (9/32)	7 (9/32)	
	Fin spacing / Thickness / Type	mm/mm	1.4 / 0.095 / Hydrophilic aluminium				
	Length (outside/inside row)*Width*Height	mm	(2136/2076) *26.76*588			(2136/2073) *26.74*798	
	Tube pitch(a) × row pitch(b)	mm	13.37 x 21	13.37 x 21	13.37 x 21	13.37 x 21	
Outdoor Unit	Dimension (W×H×D)	mm	750 x 635 x 750	750 x 635 x 750	750 x 835 x 750	750 x 835 x 750	
		inch	29-1/8 x 25 x 29-1/8	29-1/8 x 25 x 29-1/8	29-1/8 x 32-7/8 x 29-1/8	29-1/8 x 32-7/8 x 29-1/8	
	Net / Gross weight	kg	62/66	62/66	85/89	85/89	
		lbs	137/146	137/146	187/196	187/196	
Refrigerant piping Liquid side / Gas side		in	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4	

# Air Handler-AHU IDU Inverter



Model			24000	36000	48000	60000
	Power Supply	V/Ph/Hz	208/230V-1Ph-60Hz			
Cooling	Capacity	Btu/h	24000	36000	48000	60000
	Power input (A2)	w	1819	2864	4145	5549
	EER2	Btu/h.W	13.3	11.7	11.3	10
	SEER2	Btu/h.W	20	18.6	17.5	17
Heating	Capacity	Btu/h	24000	34200	48000	57000
		Btu/h (17°F)	19200	24000	40000	42000
		Btu/h (5°F)	20000	24000	34200	42500
	Power input (H1)	w	1957	2997	3580	4900
	5°F COP	W/W	2.1	2.1	2.1	2.1
	HSPF2	Btu/h.W	9.4	9.0	9.0	8.6
Indoor Coil	Tube Outside dia/Type	7mm / Rifled tube				
	Fin Spacing / Thickness / Type	mm/mm	1.6 / 0.095 / Hydrophilic aluminium			
Indoor Motor	Rates HP	HP	1/3	1/2	3/4	3/4
	Rated RPM	r/min	1050	1050	1050	1050
	FLA (RLA)	A	2.6	3.8	5.4	5.4
Indoor Fan	Material	Galvanized plate				
	Type	Centrifugal				
Electrical Data	Voltage-Phase-Hz	V/Ph/Hz	208/230V 1Ph 60Hz			
	Minimum Circuit Ampacity		4	4	5	5
	Max. Overcurrent Protection		6	6	10	10
	Min / Max Volts	V	187/253	187/253	187/253	187/253
	Communication wire	AWG	20	20	20	20
Indoor Unit	Dimension (WxHxD)	mm	500 x 1162 x 560	500 x 1162 x 560	560 x 1370 x 620	560 x 1370 x 620
		in	19-5/8 x 45-3/4 x 22	19-5/8 x 45-3/4 x 22	22 x 53-1/8 x 24-1/2	22 x 53-1/8 x 24-1/2
	Net/Gross Weight	kg	59/65	59/65	77/83	77/83
		lbs	130/143	130/143	169/182	169/182
Refrigerant piping Liquid side / Gas side		in	3/8 3/4	3/8 3/4	3/8 7/8	3/8 7/8