

# Ducted-Medium Static Pressure Inverter

YMEJZH 018 to 048 BAM(N)  
 A complete range from 3.5 kW to 14.1 kW



## Features

- Washable filter
- Low noise
- Auto Restart
- High efficiency compressor
- High efficiency coil with internal grooved copper tube
- Low ambient kit



## Controller

- Wired controller
- 24 hour timer
- Big LCD display
- Multi-speed fan
- Sleeping mode



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## Technical features

Set	Sizes	YMEJZH018BAM-AGX	YMEJZH024BAM-AGX	YMEJZH036BAM-AGX	YMEJZH048BAM-AGX	
Indoor Unit	Sizes	YMEJXH018BAM--GX	YMEJXH024BAM--GX	YMEJXH036BAM--GX	YMEJXH048BAM--GX	
Outdoor Unit	Sizes	YMUJYH018BAM-A-X	YMUJYH024BAM-A-X	YMUJYH036BAM-A-X	YMUJYH048BAM-A-X	
Power Input	V/Ph/Hz	220-240-1-50	220-240-1-50	220-240-1-50	380-415-3-50	
Cooling	Capacity	W	5275(2110-5800)	7034(2814-7734)	10551(4220-11606)	14070(5627-15475)
	Input	W	1752(501-2266)	2352(672-3043)	3755(1073-4859)	4989(1425-6455)
	Rated current	A	7.62(2.18-9.85)	10.23(2.92-13.23)	16.32(4.66-21.12)	8.91(2.55-11.53)
	EER	W/W	3.01	2.99	2.81	2.82
Heating	Capacity	W	5568(2227-6125)	7620(3048-8382)	11137(4455-12250)	14361(5744-15797)
	Input	W	1582(452-2047)	2466(705-3191)	3385(970-4380)	4419(1262-5718)
	Rated current	A	6.88(1.97-8.9)	10.72(3.07-13.87)	14.72(4.22-19.04)	7.89(2.25-10.21)
	COP	W/W	3.52	3.09	3.29	3.25
Moisture Removal	l/h	1.8	2.4	3.6	6	
Max. input consumption	W	2950	3000	4800	8000	
Max. current	A	13	13.5	22	15	
Operation Control		Wired				
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Input	W	990	1150	3010	4270
	Rated current(RLA)	A	4.97	9.7	13.5	12
	Locked rotor Amp(LRA)	A	/	/	/	/
	Thermal protector		Internal	Internal	Internal	Internal
	Capacitor	µF	/	/	/	/
Indoor fan motor	Input	W	107/65/52	163/93/75	291/168/138	355/223/173
	Capacitor	µF	3.5UF/450V	3.5UF/450V	10UF/450V	10uF/450V
	Speed (Hi/Mi/Lo)	rpm	1150/800/700	1000/750/680	1070/790/710	1080/830/710
Indoor air flow (Hi/Lo)	m3/h	1170/770/650	1400/1100/1000	2270/1890/1650	3150/2510/1990	
External static pressure (Min/Test/Max)	Pa	70	70	80	100	
Indoor noise level (Hi/Lo)	dB(A)	44/36/33	45/43/41	46/44/42	47/45/43	
Outdoor fan motor	Input	W	111/96	103/76	320/240	(176/133)*2
	Capacitor	mF	2.5UF/450V	2.5UF/450V	10uF/450V	(3.5UF/450V)*2
	Speed	rpm	890/540	840/630	760/625	810/610
Outdoor air flow	m3/h	2570	2700	5000	6130/4560	
Outdoor noise level	dB(A)	51	54	55	63	
Dimension	Indoor (WxHxD)	mm	920x635x210	920x635x270	1140x775x270	1200x865x300
	Outdoor (WxHxD)	mm	762x282x593	842x324x695	990x354x966	940x360x1245
Weight	Net/Gross Indoor	kg	23/29	28/34	39/46	50/59
	Net /Gross Outdoor	kg	42/44	61/64	82/87	104/115
Refrigerant	Type		R-410A			
	Charge	kg	1.32	2.1	2.75	4.2
Refrigerant Pipe	Liquid side/ Gas side	mm	6.4/12.7	9.52/19	9.52/19	9.52/19
	Max. pipe length	m	25	25	30	50
	Max. difference in level	m	12	12	20	25
Operation temperature range	°C	17-30	17-30	17-30	17-30	
Ambient temperature range	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	
Application area	m2	21-35	28-47	42-70	64-107	
Qty/per 20' & 40' & 40HQ	Set	66/138/162	51/105/124	30/63/74	26/54/63	

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB/ 24°C WB  
 Nominal heating capacity based on : - Indoor Air Temp. 20°C DB/ 15°C WB - Outdoor Air Temp. 7°C DB/6°C WB