

# Floor Ceiling Inverter

YMFJZH 012 to 048 BAM(N)

A complete range from 3.5kW to 14.1 kW



## Features

- Fresh air intake
- Washable filter
- High velocity and air flow
- Low noise
- Zero Louver angle loss
- High efficiency compressor
- High efficiency coil with internal grooved copper tube
- 3 minutes protection
- Low ambient kit

## Controller

- Auto restart
- Auto swing
- 24 hour timer
- Child lock function
- Multi-speed fan



# Floor Ceiling Inverter

YMFJZH 012 to 048 BAM(N)



## Technical features

Set	Sizes	YMFJZH012BAM-AFX	YMFJZH018BAM-AFX	YMFJZH024BAM-AFX	YMFJZH036BAM-AFX	YMFJZH048BAN-AFX	
Indoor Unit	Sizes	YMFJXH012BAM-FX	YMFJXH018BAM-FX	YMFJXH024BAM-FX	YMFJXH036BAM-FX	YMFJXH048BAN-FX	
Outdoor Unit	Sizes	YMUJYH012BAM-A-X	YMUJYH018BAM-A-X	YMUJYH024BAM-A-X	YMUJYH036BAM-A-X	YMUJYH048BAN-A-X	
Power Input	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	
Cooling	Capacity	W	3517(1407-3869)	5275(2110-5800)	7034(2814-7734)	9086(3634-9994)	14070(5627-15475)
	Input	W	1161(332-1502)	1713(490-2215)	2384(681-3084)	3328(951-4306)	4920(1405-6365)
	Rated current	A	5.05(1.44-6.53)	7.45(2.13-9.63)	10.37(2.96-13.41)	14.47(4.13-18.72)	8.79(2.51-11.36)
	EER	W/W	3.03	3.08	2.95	2.73	2.86
Heating	Capacity	W	3810(1524-4191)	5568(2227-6125)	7620(3048-8382)	10111(4045-11123)	14361(5744-15797)
	Input	W	1070(306-1385)	1521(435-1969)	2323(664-3006)	3704(1058-4793)	4460(1274-5772)
	Rated current	A	4.65(1.33-6.02)	6.61(1.89-8.56)	10.1(2.89-13.07)	16.1(4.6-20.83)	7.96(2.78-10.31)
	COP	W/W	3.56	3.66	3.28	2.73	3.22
Moisture Removal	l/h	1.2	1.8	2.4	3.6	6	
Max. input consumption	W	2200	2950	3000	4800	8000	
Max. current	A	10	13	13.5	22	15	
Operation Control		Wireless					
Compressor	Type		Rotary	Rotary	Rotary	Scroll	Scroll
	Input	W	855	990	1150	3010	4270
	Rated current(RLA)	A	5.3	4.97	9.7	13.5	12
	Locked rotor Amp	A	/	/	/	/	/
	Thermal protector		Internal	Internal	Internal	Internal	Internal
	Capacitor	µF	/	/	/	/	/
Indoor fan motor	Input	W	33.4/31.1/29.5	125/105/85	125/105/85	159/142/130	(102/98/96) x2
	Capacitor	µF	1.5UF/450V	2.5UF/450V	2.5UF/450V	3.5UF/450V	(2.5uF/450V) x2
	Speed (Hi/Mi/Lo)	rpm	756/666/592	1310/1190/1040	1310/1190/1040	1290/1170/1060	(1230/1130/1070) x2
Indoor air flow (Hi/Lo)	m3/h	584/518/463	800/600/500	1000/900/700	1400/1200/1000	2000/1800/1600	
Indoor noise level (Hi/Lo)	dB(A)	40/37/33	43/41/38	45/43/40	45/43/40	47/46/44	
Outdoor fan motor	Input	W	67/48	111/96	103/76	320/240	(176/133)x2
	Capacitor	mF	2.5UF/450V	2.5UF/450V	2.5UF/450V	10uF/450V	(3.5UF/450V)x2
	Speed	rpm	800/550	890/540	840/630	760/625	810/610
Outdoor air flow	m3/h	2500	2570	2700	5000	6130/4560	
Outdoor noise level	dB(A)	48	51	54	55	63	
Dimension	Indoor (WxHxD)	mm	990x660x203	990x660x203	990x660x203	1280x660x203	1670x680x240
	Outdoor (WxHxD)	mm	762x593x282	762x593x282	842x695x324	990x966x354	940x1245x360
Weight	Net/Gross Indoor	kg	25/30	26/32	29/35	31/37	52/59
	Net /Gross Outdoor	kg	39/42	42/44	61/64	82/87	104/115
Refrigerant	Type		R-410A				
	Charge	kg	1.13	1.32	2.1	2.75	4.2
Refrigerant Pipe	Liquid side/ Gas side	mm	6.4/12.7	6.4/12.7	9.52/15.9	9.52/15.9	9.52/15.9
	Max.pipe length	m	10	25	25	30	50
	Max. difference in level	m	5	12	12	20	25
Operation temperature range	°C	17 to 30					
Ambient temperature range	°C	Cooling: 0-50, Heating: -15-24	Cooling: -15-50, Heating: -15-24	Cooling: -15-50, Heating: -15-24	Cooling: -15-50, Heating: -15-24	Cooling: -15-50, Heating: -15-24	Cooling: -15-50, Heating: -15-24
Application area	m2	13-21	21-35	28-47	42-70	64-107	
Qty' per 20' & 40' & 40HQ	Set	64/133/157	64/133/157	52/109/128	41/85/89	26/55/65	

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