

# Floor Ceiling

YMFFZH 012 to 060 BAM(N)

A complete range from 3.5kW to 17.6 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
- Valve protection
- LAK optional

## Controller

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



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### Technical features

Set	Sizes	YMFFZH012BAM-AFX	YMFFZH018BAM-AFX	YMFFZH024BAM-AF1	YMFFZH036BAM-BF1	YMFFZH048BAM-BF1	YMFFZH060BAM-BF1	
Indoor Unit	Sizes	YMFFXH012BAM-FX	YMFFXH018BAM-FX	YMFFXH024BAM-F1	YMFFXH036BAM-F1	YMFFXH048BAM-F1	YMFFXH060BAM-F1	
Outdoor Unit	Sizes	YMUFYH012BAM-A-X	YMUFYH018BAM-A-X	YMUFYH024BAM-A-1	YMUFYH036BAM-B-1	YMUFYH048BAM-B-1	YMUFYH060BAM-B-1	
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	380-415/3/50	
Cooling	Capacity	KW	3.52	5.28	7.03	10.55	17.58	
	Input	W	1227	1944	2390	3920	5949	
	Rated current	A	5.52	8.75	10.87	17.82	8.02	9.92
	EER	W/W	2.87	2.71	2.94	2.69	2.94	2.96
Heating	Capacity	W	3.66	5.86	7.62	10.84	14.65	17.58
	Input	W	1113	1729	2470	3808	4880	5369
	Rated current	A	5.01	7.87	12	17.94	8.5	8.95
	COP	W/W	3.29	3.39	3.09	2.85	3.00	3.28
Moisture Removal	l/h	1.2	1.8	2.4	3.6	4.8	6	
Max. input consumption	W	1740	2950	3450	4950	6300	7500	
Max. current	A	8.5	15.0	18	30	10.9	12.6	
Operation Control		Wireless						
Compressor	Type		Rotary	Rotary	Rotary	Scroll	Scroll	
	Input	W	1155	1855	2430	3750	4750	5750
	Rated current(RLA)	A	5.37	8.7	11.65	18.1	8.22	9.77
	Locked rotor Amp	A	26.7	36.8	66	97	66	67
	Thermal protector		Internal	Internal	Internal	Internal	Internal	Internal
	Capacitor	µF	35µF/440-450V	50µF/440V-450V	50UF/440V-450V	60µF/+90µF	/	/
Indoor fan motor	Input	W	33.4/31.1/29.5	125/105/85	125/105/85	159/142/130	102/98/96	102/98/96
	Capacitor	µF	1.2µF/450V	2.5µF/450V	2.5UF/450V	3.5UF/450V	2.5UF/450V	2.5UF/450V
	Speed (Hi/Mi/Lo)	rpm	756/666/592	1310/1190/1040	1310/1190/1040	1290/1170/1060	1230/1130/1070	1230/1130/1070
Indoor air flow (Hi/Lo)	m3/h	600/480/400	800/600/500	1200/900/700	1400/1200/1000	2000/1800/1600	2000/1800/1600	
Indoor noise level (Hi/Lo)	dB(A)	43/41/38	43/41/38	45/43/40	45/43/40	50/47/45	50/49/47	
Outdoor fan motor	Input	W	63	110	167	290	162	162
	Capacitor	mF	2.5µF/450V	3µF/450V	5UF/450V	10uF/450V	(3.5UF/450V)X2	(3.5UF/450V)X2
	Speed	rpm	800	890	900	830	765	765
Outdoor air flow	m3/h	2100	2439	2700	5500	6200	6500	
Outdoor noise level	dB(A)	43	54	59	61	63	63	
Dimension	Indoor (WxHxD)	mm	990×660×203	990×660×203	990×660×203	1280×660×203	1670×680×240	1670×680×240
	Outdoor (WxHxD)	mm	780×547×250	762×593×282	845×700×320	990×965×345	900×1170×350	900×1170×350
Weight	Net/Gross Indoor	kg	24/28.5	26/32	24/30	32/37.5	46/53	46/52
	Net/Gross Outdoor	kg	30/32	39/42	48/54.5	84.5/94.5	96/106	97/108
Refrigerant	Type		R-410A					
	Charge	g	960	1400	1800	2600	3250	3200
Refrigerant Pipe	Liquid side/ Gas side	mm	6.4/12.7	6.4/12.7	9.52/15.9	9.52/19	9.52/19	9.52/19
	Max.pipe length	m	15	25	25	30	50	50
	Max. difference in level	m	8	15	15	20	25	25
Operation temperature range	°C	17 to 30	17 to 30	17 to 30	17 to 30	17 to 30	17 to 30	
Ambient temperature range	°C	Cooling: 21~43, Heating: -5~24	Cooling: 21~43, Heating: -5~24	Cooling: 21~43, Heating: -5~24	Cooling: 21~43, Heating: -5~24	Cooling: 21~43, Heating: -5~24	Cooling: 21~43, Heating: -5~24	
Application area	m2	13-21	21-35	28-47	42-70	56-93	64-107	
Qty' per 20' & 40' & 40HQ	Set	78/162/190	72/150/176	59/123/144	36/75/88	29/60/71	29/60/71	

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB  
 Nominal heating capacity based on : - Indoor Air Temp. 21°C DB - Outdoor Air Temp. 7°C DB/6°C WB