

# Ducted-Medium Static

YMEFZH 018 to 036 BAM

A complete range from 5.28 kW to 10.55 kW



## Features

- Washable filter
- High velocity and air flow
- Low noise
- Auto Restart
- High efficiency compressor
- High efficiency coil with internal grooved copper tube
- Valve protection
- LAK optional



## Controller

- Wired controller
- 24 hour timer
- Big LCD display
- Multi-speed fan
- 5 operation modes



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## Technical features

Set	Sizes	YMEFZH018BAM-AGX	YMEFZH024BAM-AG1	YMEFZH036BAM-BG1	
Indoor Unit	Sizes	YMEFXH018BAM-GX	YMEFXH024BAM-G1	YMEFXH036BAM-G1	
Outdoor Unit	Sizes	YMUFYH018BAM-A-X	YMUFYH024BAM-A-1	YMUFYH036BAM-B-1	
Power Input	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	
Cooling	Capacity	KW	5.28	7.03	10.55
	Input	W	1921	2504	4090
	Rated current	A	10.14	11.75	18.71
	EER	W/W	2.75	2.81	2.58
Heating	Capacity	W	5.57	7.473622509	11.6
	Input	W	1812	2450	3450
	Rated current	A	8.2	11.8	15.78
	COP	W/W	3.07	3.05	3.36
Moisture Removal	l/h	1.8	2.4	3.6	
Max. input consumption	W	2950	3450	4950	
Max. current	A	15.0	18	30	
Operation Control			Wired		
Compressor	Type		Rotary	Rotary	Scroll
	Input	W	1855	2430	3750
	Rated current(RLA)	A	8.7	11.65	18.1
	Locked rotor Amp(LRA)	A	36.8	66	97
	Thermal protector		Internal	Internal	Internal
Indoor fan motor	Capacitor	µF	50µF/440V-450V	50UF/440V-450V	60µF/90µF
	Input	W	107/91/65/52	163/93/75	291/168/138
	Capacitor	µF	3.5µF/450V	3.5UF/450V	10UF/450V
	Speed (Hi/Mi/Lo)	rpm	1150/1020/800/700	1000/750/680	1070/790/710
Indoor air flow (Hi/Lo)	m3/h	1170/770/650	1400/1100/1000	2270/1890/1650	
External static pressure (Min/Test/Max)	Pa	70	70	80	
Indoor noise level (Hi/Lo)	dB(A)	44/35.9/32.8	44/37/34	46/38/35	
Outdoor fan motor	Input	W	110	167	290
	Capacitor	mF	3µF/450V	5UF/450V	10uF/450V
	Speed	rpm	890	900	830
Outdoor air flow	m3/h	2439	2700	5000	
Outdoor noise level	dB(A)	54	59	57	
Dimension	Indoor (WxHxD)	mm	920x635x210	920x635x270	1140x775x270
	Outdoor (WxHxD)	mm	762x593x282	845x700x320	990x965x345
Weight	Net/Gross Indoor	kg	24/30	26.5/32	36.5/44
	Net /Gross Outdoor	kg	39/42	48/54.5	84.5/94.5
Refrigerant	Type		R-410A		
	Charge	g	1400	1800	2600
Refrigerant Pipe	Liquid side/ Gas side	mm	6.4/12.7	9.52/15.9	9.52/19
	Max.pipe length	m	25	25	30
	Max. difference in level	m	15	15	20
Operation temperature range	°C	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	
Application area	m2	21-35	28-47	42-70	
Qty'per 20' & 40' & 40HQ	Set	66/138/162	51/105/124	30/63/74	
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					