

# Cassette

YM(K)KFZH 012 to 055 BAM(N)  
 A complete range from 7.0 kW to 16.1 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
- Built-in drain pump
- LAK optional

## Controller

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



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### Technical features

Set	Sizes	YKKFZH012BAM-AFX	YKKFZH018BAM-AFX	YMKFZH024BAM-AF1	YMKFZH036BAM-BF1	YMKFZH048BAM-BF1	YMKFZH055BAM-BF1	
Indoor Unit	Sizes	YKFXH012BAM-FX	YKFXH018BAM-FX	YMKFXH024BAM-F1	YMKFXH036BAM-F1	YMKFXH048BAM-F1	YMKFXH055BAM-F1	
Outdoor Unit	Sizes	YMUFYH012BAM-A-X	YMUFYH018BAM-A-X	YMUFYH024BAM-A-1	YMUFYH036BAM-B-1	YMUFYH048BAM-B-1	YMUFYH055BAM-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	14.07	
	Input	W	1165	1925	2475	3970	4770	
	Rated current	A	5.24	8.64	12.5	18.17	7.52	
	EER	W/W	3.02	2.74	2.87	2.66	2.95	
Heating	Capacity	W	3.66	5.57	7.62	11.72	14.51	
	Input	W	1130	1784	2428	4070	5410	
	Rated current	A	5.09	8.06	11.8	19.67	9.34	
	COP	W/W	3.24	3.12	3.13	2.88	2.68	
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	
	Rated current(RLA)	A	5.37	8.7	11.65	18.1	8.22	
	Locked rotor Amp	A	26.7	36.8	66	97	66	
	Thermal protector		Internal	Internal	Internal	Internal	Internal	
	Capacitor	µF	35µF/440-450V	50µF/440V-450V	50UF/440V-450V	60µF/+90µF	/	/
Indoor fan motor	Input	W	47.1/37.8/31.1/26.9	80/65/46/32	110/100/90	147/125/110	147/125/110	
	Capacitor	µF	1.5µF/450V	2µF/400-450V	3.5UF/450V	3.5UF/450V	3.5UF/450V	
	Speed (Hi/Mi/Lo)	rpm	780/670/540/430	1000/875/710/570	670/550/400	770/640/550	770/640/550	
Indoor air flow (Hi/Lo)	m3/h	680/600/400	860/760/500	1327/1114/871	1545/1354/1187	1545/1354/1187	1800/1480/1280	
Indoor noise level (Hi/Lo)	dB(A)	41/38/35	44/41/38	42/40.5/39	44/42.5/41	44/42.5/41	47/44/43	
Outdoor fan motor	Input	W	63	110	167	290	162	
	Capacitor	mF	2.5µF/450V	3µF/450V	5UF/450V	10µF/450V	(3.5UF/450V)X2	
	Speed	rpm	800	890	900	830	765	
Outdoor air flow	m3/h	2100	2439	3200	5500	6800	6850	
Outdoor noise level	dB(A)	43	54	55	61	59	59.3	
Dimension	Indoor (WxHxD)	mm	570×570×260	570×570×260	840x840x230	840x840x300	840x840x300	
	Outdoor (WxHxD)	mm	780×547×250	762×593×282	845x700x320	990x965x345	900x1170x350	
Weight	Net/Gross Indoor	kg	16/19	19/21	24/30	28/32	28.6/32.6	
	Net /Gross Outdoor	kg	30/32	39/42	48/54.5	84.5/94.5	96/106	
Refrigerant	Type		R-410A					
	Charge	g	960	1400	1800	2600	3250	
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	
	Max.pipe length	m	15	25	25	30	50	
	Max. difference in level	m	8	15	15	20	25	
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	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	78/162/191	72/151/177	47/98/115	31/65/76	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								