



FIXED SPEED FLOOR STANDING



LOW
NOISE



ANTI-RUST
CABINET



AUTO
RESTART

FIXED SPEED FLOOR STANDING

SPECIFICATIONS



Code			2202221000022	2202221000011
Indoor code			2202221100020	2202221100012
Outdoor code			22022216000071	22022216000126
Model			MFM-48ARN1	MFM-60ARN1
Indoor			MFM-48ARN1	MFM-60ARN1
Outdoor			MFM-48ARN1	MFM-60ARN1
Power supply		Ph-V-Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz
Cooling Performance				
Cooling	Capacity	W	14035	16970
	Input	W	5540	6500
	Rated current	A	9,60	11
	EER	W/W	2,53	2,61
Heating Performance				
Heating	Capacity	W	15236+3516	18171+3517
	Input	W	5200+3700	5300+3700
	Rated current	A	9.8+5.8	10+5.3
	COP	W/W	2,93	3,43
Max. input consumption		W	9000	11900
Max. current		A	15,0	20
Starting current		A	/	/
Compressor	Model		C-SBN373H8D	C-SBN453H8D
	Type		SCROLL	SCROLL
	Brand		PANASONIC	PANASONIC
	Capacity	W	14100/17100	16400/20300
	Input	W	4750/5600	5750/6750
	Rated current(RLA)	A	8.22/8.30	9.77/9.84
	Locked rotor Amp(LRA)	A	66.0	63/68
	Thermal protector		/	/
	Thermal protector position		INTERNAL	INTERNAL
	Capacitor	μF	/	/
Refrigerant oil/oil charge	ml	FV68S/1700	FV68S/1700	
Indoor Specification				
Indoor fan motor	Model		YKS-120-8-11-1	YKS-160-8-1-6
	Input	W	324.0	347.0
	Capacitor	uF	6.5	9
	Speed(Hi/Mi/Lo)	r/min	550/480	615/580/530
Indoor coil	a.Number of rows		2.0	3
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	25.4x22
	c.Fin spacing	mm	1.4	1.5
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ9.52,Inner groove tube
	f.Coil length x height x width	mm	422x966x26.74	485x813x66
	g.Number of circuits		10	6
Indoor air flow (Hi/Mi/Lo)		m3/h	1743///1534	2405/0/2000
Indoor noise level (Hi/Mi/Lo)		dB(A)	55///49	53.9///49.8
Indoor unit	Dimension(W*D*H)	mm	550x418x1824	600x455x1934
	Packing (W*D*H)	mm	1950x695x560	2080x755x605
	Net/Gross weight	Kg	55.8/70	67.5/88.3
Outdoor Specification				
Outdoor fan motor	Model		YKT-65-6-34L	YKT-65-6-34L
	Input	W	162.0	162.0
	Capacitor	uF	3.5	3.5
	Speed	r/min	765	765
Outdoor coil	a.Number of rows		2.0	2.0
	b.Tube pitch(a)x row pitch(b)	mm	22x19.05	22x19.05
	c.Fin spacing	mm	1.6	1.6
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7.94,Inner groove tube	Φ7.94,Inner groove tube
	f.Coil length x height x width	mm	837x1100x38.1	837x1100x38.1
	g.Number of circuits		8	8
Outdoor air flow		m3/h	6000	6500
Outdoor noise level		dB(A)	62	64.3
Outdoor unit	Dimension(W*D*H)	mm	900x350x1170	900x350x1170
	Packing (W*D*H)	mm	1032x443x1307	1032x443x1307
	Net/Gross weight	Kg	97/107	96/107
Refrigerant piping				
Refrigerant type		Kg	R410A/3.3	R410A/3.2
Design pressure		MPa	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	12.7mm(1/2in)/19mm(3/4in)	12.7mm(1/2in)/19mm(3/4in)
	Max. refrigerant pipe length	m	50	50
	Max. difference in level	m	30	30
Connection wiring			2.5x5/0.75x3	1.5x5/0.75x3
Plug type			2.5x5/no-plug	//no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature		°C		17~30
Room temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	18~43/-7~24	18~43/-7~24
Application area (Cooling Standard)		m ²	64~94	77~113

