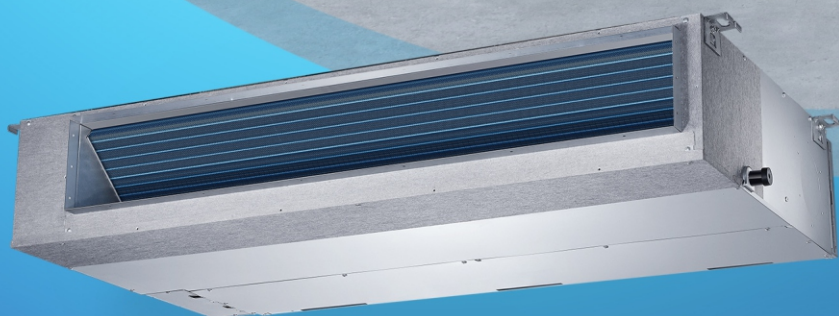




DUCT FIXED SPEED



FOLLOW ME



AUTO RESTART



HIGH
AIR FLOW



ANTI-COLD
AIR FUNCTION



REMOTE ON/OFF
DRY CONTACT



ESP
100 - 160PA

DUCT FIXED SPEED

Indoor model			MDT-48FS-R MHG-48HWN1-R(A)	MDT-60FS-R MHG-60HWN1-R(A)
Outdoor model			MOU-48FS-R MOU-48HN1-R	MOU-60FS-R MODU-55HN1-R
Indoor code			22023011004534	22023011004535
outdoor code			22023016002591	22022216001231
Power supply (Indoor)		V- Ph-Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz
Cooling	Capacity	Btu/h	48000	55000
	Input	W	5750	6590
	Rated current	A	9.4	11.1
	EER	W/W	2.45	2.45
Heating	Capacity	Btu/h	55000	60000
	Input	W	4815	5730
	Rated current	A	8.3	10.2
	COP	W/W	3.35	3.07
Indoor fan motor	Model		YKSS-210-4-2	YKSS-210-4-2
	Qty		1	1
	Input	W	430.0	430.0
	Capacitor	uF	10	10
	Speed(Hi/Mi/Lo)	r/min	790/715/620/540	790/715/620/540
Indoor coil	a.Number of rows		3.0	3.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminum(Golden)	Hydrophilic aluminum(Golden)
	e.Tube outside dia.and type	mm	φ7,Inner groove tube	φ7,Inner groove tube
	f.Coil length x height x width	mm	1055*357*40.11	1055*357*40.11
	g.Number of circuits		8	8
Indoor air flow (Hi/Mi/Lo)		m3/h	2650/1850/1450	2650/1850/1450
ESP	Rated	Pa	50	50
	Range	Pa	0-200	0-200
Indoor noise level (Hi/Mi/Lo)		dB(A)	50.5/45/42	50.5/45/42
Indoor unit	Dimension(W*D*H)	mm	1200x625x380	1200x625x380
	Packing (W*D*H)	mm	1485x675x460	1485x675x460
	Net/Gross weight	Kg	52.1/60.4	52.2/60.2
Design pressure		MPa	4.2/1.5	4.2/1.5
Drainage water pipe dia		mm	ODφ25mm	ODφ25mm
Refrigerant piping	Liquid side/Gas side	mm(inch)	φ9.52/φ19(3/8"/3/4")	φ9.52/φ19(3/8"/3/4")
	Controller		wired control	wired control
Operation temperature		°C	17-30	17-30
Room temperature	Cooling	°C	17-32	17-32
	Heating	°C	0-30	0-30
Option controller			KJR-120C	KJR-120C
Model			MOU-48HN1-R	MODU-55HN1-R
Code			22023016002591	22022216001231
Power supply		V,HZ,Ph	380-415,50,3	380-415,50,3
Max. input consumption		W	006300	7500
Max. input current		A	11	12,6
Compressor	Model		C-SBN373H8D	C-SBN453H8D
	Type		Scroll	Scroll
	Brand		Panasonic	Panasonic
	Capacity	Btu/h	48109	55957
	Input	W	4750,00	5750,00
	Rated current(RLA)	A	8,22	9,77
	Locked rotor Amp(LRA)	A	66	67
	Thermal protector position		Internal	Internal
	Capacitor	μF	-	-
	Refrigerant oil	ml	FV68S 1700	FV68S 1700
Outdoor fan motor	Model		YKT-65-6-34L	YKT-65-6-34L
	Old Model		YDK65-6F(B)	YDK65-6F(B)
	Qty		2	2
	Input	W	162	162
	Capacitor	μF	3.5	3,5
	Speed	r/min	765	765
Outdoor coil	Number of rows		2	2
	Tube pitch(a)* row pitch(b)	mm	21x22	21x22
	Fin spacing	mm	1.3	1.3
	Fin type		Hydrophilic aluminum(Golden)	Hydrophilic aluminum(Golden)
	Tube outside dia.and type	mm	φ7,Inner groove tube	φ7,Inner groove tube
	Coil length * height * width	mm	830*630*22+795*630*22	830*22*630+795*22*630
	Number of circuits		8	8
Outdoor air flow		m ³ /h	6000	6000
Outdoor noise level (sound pressure)		dB(A)	63	63.3
Throttle type			Throttle valve	Throttle valve
Outdoor unit	Dimension(WxDxH)	mm	900x350x1170	900x350x1170
	Packing(WxDxH)	mm	1032x443x1307	1032x443x1307
	Net/Gross weight	kg	98.6/109.3	99.7/111.2
Refrigerant type/Quantity	Type		R410A	R410A
	Charged volume	kg	3.3	3.3
Design pressure		MPa	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	φ9.52/φ19(3/8"/3/4")	φ9.52/φ19(3/8"/3/4")
	Max. pipe length	m	50	50
	Max. difference in level	m	30	30
Ambient temperature	Cooling		18-43	-15-43
	Heating		-7-24	-7-24
Model			Supply air opening	
kBTu/h			Return air opening	
48-60			1000	334