



## CASSETTE FIXED SPEED



SLIM  
DESIGN



AUTO RESTART



BUILT-IN  
DRAIN PUMP



ANTI-COLD  
AIR FUNCTION



AUTO SWING



FOUR-WAY  
DIRECTIONAL  
FLOW

# CASSETTE FIXED SPEED

Midea Indoor model		MCD-24HRN1-Q	MCD-36HRN1-Q	MCD-36HRN1-R	MCD-48HRN1-R	MCD-60HRN1-R	
Factory Indoor Code		22022511001297	22022511002496	22022511002536	22022511000637	22022511000660	
Outdoor Model		MOCA30U-24HN1-Q	MOD31U-36HN1-Q	MOU-36HN1-R	MOU-48HN1-R	MOUA-60HN1-R	
Factory Outdoor Code		22022716000675	22023016001791	22023016002311	22023016000109	22012900000302	
Power supply (outdoor)	V-ph-Hz	220-240-1-50	220-240,50,1	380-415V,3Ph,50Hz	380-415-3-50	380-415-3-50	
Cooling	Capacity	Btu/h	24000	36000	36000	48000	55000
	Input	W	2600	3850	3600	5191	6272
	Current	A	12.48	18.5	6.0	9.2	11
	EER	W/W	2.71	2.74	2.93	2.71	2.57
	Capacity	Btu/h	26000	36000	36000	52000	61000
Heating	Input	W	2400	3850	3650	4763	5843
	Current	A	11.52	18.5	6.1	8.5	10.3
	COP	W/W	3.18	2.74	2.89	3.2	3.06
	Model		YKT-42-6-6	YKS-125-6-3	YKS-125-6-3		
Indoor fan motor	Old Model		YDK42-6E	YDK125-6E	YDK125-6E	YDK125-6E	YDK125-6E
	Qty		1	1	1	1	1
	Input	W	81/69/63	174/145/121	174.0	209/145/121	209/145/121
	Capacitor	uF	3.5UF/450V	5UF/450V	5	5UF/450V	5UF/450V
	Speed(Hi/Med/Lo)	r/min	520/390/340	690/610/540	690/610/540	775/610/540	775/610/540
Indoor coil	Number of rows		2	2.0	2.0	3	3
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1.4	1.4	1.4	1.4	1.4
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube
	Coil length x height x width	mm	2010x168x26.74	2010x210x26.74	2010x210x26.74	2080x210x40.11	2080x252x40.11
Number of circuits		8	10	10	10	12	
Indoor air flow (Hi/Mid/Lo)	m <sup>3</sup> /h	1200/1050/900	1731/1494/1297	1731/1494/1297	1900/1600/1400	2000/1700/1500	
Indoor noise level (sound pressure) (Hi/Mid/Lo)	dB(A)	50/45/41	51.6/48.3/44.9	51/48/45.5	53/48/44	53/48/44	
Indoor unit	Dimension (WxDxH)(body)	mm	840x840x205	840x840x245	840x840x245	840x840x245	840x840x287
	Packing (WxDxH)(body)	mm	900x900x217	900x900x265	900x900x257	900x900x292	900x900x292
	Dimension (WxDxH)(panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (WxDxH)(panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight (body)	kg	22.1/25.5	25/28.7	24.9/28.8	27/32	29/34
	Net/Gross weight (panel)	kg	5/8	5/8	5/8	5/8	5/8
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Drainage water pipe diameter	mm	ODΦ32	ODΦ32	ODΦ32mm	ODΦ32	ODΦ32	
Refrigerant piping	Liquid side/Gas side	mm	Φ9.52Φ15.9(3/8"/5/8")	Φ9.52Φ19(3/8"/3/4")	9.52mm(3/8in)/19mm(3/4in)	Φ9.52Φ19(3/8"/3/4")	Φ9.52Φ19(3/8"/3/4")
Controller		Wired Control	Wired Control	Wired Control	Wired Control	Wired Control	
Operation temperature	℃	17~30	17~30	17~30	17~30	17~30	
Room temperature	Cooling	℃	17~32	17~32	16~32	17~32	17~32
	Heating	℃	0~30	0~30	0~30	0~30	0~30
Midea outdoor model		MOCA30U-24HN1-Q/MOU-24HN1-Q	MOD31U-36HN1-Q/MOU-36HN1-Q	MOU-36HN1-R/MOD31U-36HN1-R	MOU-48HN1-R	MOUA-60HN1-R/MOU-60HN1-R	
Power supply	V-ph-Hz	220-240-1-50	220-240-1-50	380-415V,3Ph,50Hz	380-415-3-50	380-415-3-50	
Max. input consumption	W	3450	4250	4250	6300	7500	
Max. input current	A	18	20.5	7.0	10.9	12.6	
Compressor	Model		PA291X3CS-4MTM1	ZP42KUE-PFZ-50E	ATQ420Y1TMT	C-SBN373H8D	C-SBN453H8D
	Type		ROTARY	SCROLL	ROTARY	Scroll	Scroll
	Brand		GMCC	EMERSON	GMCC	Panasonic	Panasonic
	Capacity	Btu/h	24498/24669	10200W	10460W±5%	48109	55956.8
	Input	W	2395/2540	3450	3430W±5%	4750	5750
	Rated current(RLA)	A	11.55/12.25	16.7	6.1A±5%	8.22	9.77
	Locked rotor Amp(LRA)	A	59	97	36	66	67
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	uF	60UF/450V	60.0	0.0	/	/
	Refrigerant oil	ml	ESTER OIL VG74 · 950	1242	ESTER OIL VG74 1200CC	1700	1700
Outdoor fan motor	Model		YKT-75-6-200L	YKS-190-6-21L	YKS-190-6-21L	YDK65-6F(B)	YDK65-6F(B)
	Old Model			YKS-190-6-21L	YKS-190-6-21L		
	Qty		1	1	1	2	2
	Input	W	144	293.3/261	293.3	162	162
	Capacitor	uF	3UF/450V	10	10	3.5UF/450V	3.5UF/450V
Outdoor coil	Speed	r/min	860	850/770	850/770	765	765
	Number of rows		2	1.6	2.0	2	2
	Tube pitch(a) row pitch(b)	mm	21x13.37	25.4x22	25.4x22	21x13.37	22x19.05
	Fin spacing	mm	1.2	1.5	1.3	1.4	1.6
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7, innergroove tube	Φ9.52, innergroove tube	Φ9.52, innergroove tube	Φ7, innergroove tube	Φ7.94, innergroove tube
Coil length * height * width	mm	730x651x26.74	1005x762x22+580x762x22	995x762x44	840x1113x26.74	837x1100x38.1	
Number of circuits		6	4	4	8	4	
Outdoor noise level (sound pressure)	dB(A)	62	63.4	63	63	63	
Throttle type		Throttle Valve	Throttle valve	Throttle valve	Capillary	Capillary	
Outdoor unit	Dimension (WxDxH)	mm	845x363x702	946x410x810	946x410x810	900x350x1170	900x350x1170
	Packing (WxDxH)	mm	965x395x755	1090x500x875	1090x500x875	1032x443x1307	1032x443x1307
	Net/Gross weight	kg	52.7/56.1	79.5/85.3	74.4/78.9	93.2/105	97/108
Refrigerant type/Quantity	Type	R410A	R410A	R410A	R410A	R410A	
Design pressure	Charged volume	kg	1.8	2.5	2.85	3.25	3.2
Refrigerant piping	Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
	Liquid side/ Gas side	mm(inch)	Φ9.52Φ15.9(3/8"/5/8")	Φ9.52Φ19(3/8"/3/4")	9.52mm(3/8in)/19mm(3/4in)	Φ9.52Φ19(3/8"/3/4")	Φ9.52Φ19(3/8"/3/4")
	Max. pipe length	m	25	30	30	50	50
Ambient temperature	Max. difference in level	m	15	20	20	25	25
	Cooling	℃	18-43	18~43	-7~43	18-43	18-43
	Heating	℃	-7-24	-7~24	-7~24	-7-24	-7-24

## Indoor Dimensions

MCD-24HRN1-Q	840 x 840 x 205mm
MCD-36HRN1-Q	840 x 840 x 245mm
MCD-36HRN1-R	840 x 840 x 245mm
MCD-48HRN1-R	840 x 840 x 245mm
MCD-60HRN1-R	840 x 840 x 287mm

## Outdoor Dimensions

MOCA30U-24HN1-Q/MOU-24HN1-Q	845 x 363 x 702mm
MOD31U-36HN1-Q/MOU-36HN1-Q	946 x 410 x 810mm
MOU-36HN1-R/MOD31U-36HN1-R	946 x 410 x 810mm

## Outdoor Dimensions

MOU-48HN1-R	900 x 350 x 1170mm
MOUA-60HN1-R/MOU-60HN1-R	900 x 350 x 1170mm

