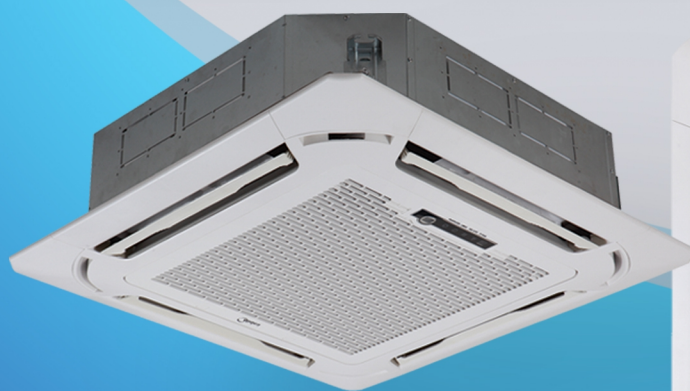




CASSETTE FIXED SPEED



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-48HN1-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	
Heating	Capacity	Btu/h	26000	36000	36000	52000	61000	
	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	
Indoor fan motor	Model		YKT-42-6-6	YKS-125-6-3	YKS-125-6-3			
	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		Hydrophillic aluminium	Hydrophillic aluminium	Hydrophillic aluminium	Hydrophillic aluminium	Hydrophillic aluminium	
	Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,Inner groove 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	12	
Indoor air flow (Hi/Mid/Lo)		m³/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	900x900x257	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	μF	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			
	Old Model			YKS-190-6-21L	YKS-190-6-21L	YDK65-6F(B)	YDK65-6F(B)	
	Qty		1	1	1	2	2	
	Input	W	144	293.3/261	293.3	162	162	
	Capacitor	μF	3UF/450V	10	10	3.5UF/450V	3.5UF/450V	
	Speed	r/min	860	850/770	850/770	765	765	
Outdoor coil	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		Hydrophillic aluminium	Hydrophillic aluminium	Hydrophillic aluminium	Hydrophillic aluminium	Hydrophillic aluminium	
	Tube outside dia.and type	mm	Φ7,innergroove tube	Φ9.52,innergroove tube	Φ9.52,Inner groove 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	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	
		Charged volume	kg	1.8	2.5	3.25	3.2	
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Refrigerant piping	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	
	Max. difference in level	m	15	20	20	25	25	
Ambient temperature	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

