



CASSETTE INVERTER



SLIM
DESIGN



AUTO RESTART



BUILT-IN
DRAIN PUMP



ANTI-COLD
AIR FUNCTION



AUTO SWING



FOUR-WAY
DIRECTIONAL
FLOW

CASSETTE INVERTER

Indoor Model		MCD-24HRFNX-QRD0	MCD-36HRDN1	CAD-36 INV-R	CAD-48 INV-R	CAD-60 INV-R	
Factory Code Indoor		22022511001779	22022511002156	22022511001796	22022511001778	22022511001816	
Outdoor Model		MOCA30U-24HFN1-QRD0	MOU-36HDN1-Q/	UNI-36-INV-R	UNI-48-INV-R	UNI-60-INV-R	
Factory Code Outdoor		22022516000844	22022516000422	22022516000862	22022516000843	22022516000915	
Power supply (Indoor)		V,Hz,Ph 220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	
Power supply (Outdoor)		V- Ph-Hz 220-240,50,1	220-240,50,1	380-415-3-50	380-415-3-50	380-415-3-50	
Cooling	Capacity	Btu/h	24000	36000	45700	55000	
	Input	W	2417	4058	3950	5336,216681	
	Current	A	11	18,5	6,3	9,8	
	EER	W/W	2,91	2,60	2,67	2,51	
							2,41
Heating	Capacity	Btu/h	26000	38000	38000	50000	
	Input	W	2235	3094	3500	4427,239209	
	Current	A	10,2	14,1	5,7	8,16	
	COP	W/W	3,41	3,60	3,18	3,31	
						2,70	
Indoor fan motor	Model	YKT-42-6-6	ZKFP-124-8-2	YKS-125-6-3	YKS-125-6-3	YKS-125-6-3	
	Old Model	YDK42-6E	WZDK124-38G	YDK125-6E	YDK125-6E	YDK125-6E	
	Qty	1	1	1	1	1	
	Input	w	105/91/80/70	141	174/145/121	174/145/121	174/145/121
	Capacitor	uF	3.5UF/450V	/	5UF/450V	5UF/450V	5UF/450V
	Speed (hi/mi/lo)	r/min	650/580/510/430	730/670/600	690/610/540	690/610/540	690/610/540
Indoor coil	a.Number of rows		2	3	2	3	
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	
	c.Fin spacing	mm	1,4	1,4	1,4	1,4	
	d.Fin type (code)		Hydrophillic aluminium	Hydrophillic aluminium	Hydrophillic aluminium	Hydrophillic aluminium	Hydrophillic aluminium
	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube
	f.Coil length x height x width	mm	2010x168x26.74	2080x210x40.11	2010x210x26.74	2080x210x40.11	2080x252x40.11
	g.Number of circuits		8	10	10	10	12
Indoor air flow	m3/h	1098/959/798	1900/1750/1460	1832/1590/1389	1900/1600/1400	1970/1492/1293	
Indoor sound pressure level	dB(A)	47.4/43/39	53/50/47	52/48.3/44.4	54.5/48.4/46.3	52.1/45.3/42.8	
Indoor unit	Dimension (WxDxH)(body)	mm	840x840x205	840x840x245	840x840x245	840x840x287	
	Packing (WxDxH)(body)	mm	900x900x225	900x900x257	900x900x265	900x900x292	
	Dimension (WxDxH)(panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55	
	Packing (WxDxH)(panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	
	Net/Gross weight(body)	kg	21.8/25.2	25.6/29.6	24.5/28	26.7/31.1	29.3/33.3
	Net/Gross weight	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 dia.	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32	
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	
Controller		Standard	Wired Control	Wired Control	Wired Control	Wired Control	
Operation temperature	°C	17~30	17~30	17~30	17~30	17~30	
Room temperature	Cooling	°C	17~32	17~32	17~32	17~32	
	Heating	°C	0~30	0~30	0~30	0~30	
Power supply	V,Hz,Ph	220-240-1-50	220-240,50,1	380-415-3-50	380-415-3-50	380-415-3-50	
Max. input consumption	W	3700	4500	4150	6700	7800	
Max. input current	A	19	21	10	13	16	
Compressor	Model	ATF235D22UMT	ATF310D43UMT	ATF250D22UMT	ATF310D43UMT	ATQ420D1UMU	
	Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Capacity	Btu/h	24345	32380	26085	32380(9490W)	44697
	Input	W	1970	2600	2080	2600	3420
	Rated current (RLA)	A	6,95	5,1	9,45	5,1	6,85
	Refrigerant oil	ml	POE(VG74)/670	PQE(VG74)/1000	POE(VG74)/670	POE (VG74)/1000	Ester Oil VG74/1400
Outdoor fan motor	Model	YKT-75-6-200L	ZKFN-120-8-2	YKT-60-6-40	YKS-190-6-21L	YKT-90-6-10	
	Qty	1	1	1	1	2	
	Input	W	144	150	133/125	293.3/261	142/127
	Capacitor	uF	3UF/450V	/	5UF/450V	10UF/450V	5UF/450V
	Speed (Hi)	r/min	860	950	870/-/820	850/770	880/810
Outdoor coil	Number of rows		2,5	2	2	2,6	
	Tube pitch(a)* row pitch(b)	mm	21x13.37	25.4x22	25.4x22	25.4x22	
	Fin spacing	mm	1,4	1,3	1,3	1,5	
	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, innergroove tube	Φ9.52, innergroove tube	Φ9.52,innergroove tube
	Coil length * height * width	mm	740x651x27.74+395x651x13.37	995x762x44	995x762x44	995x762x44+580x762x22	990x2500x22+500x2500x11
Number of circuits		6	4	4	6	8	
Outdoor air flow	m3/h	2700	4300	5000	5000	7650	
Throttle type		Throttle Valve	Capillary +EXV	Throttle Valve	Throttle Valve	Throttle Valve	
Outdoor unit	Dimension (WxDxH)	mm	845x363x702	946x410x810	946x410x810	946x410x810	
	Packing (WxDxH)	mm	965x395x755	1090x500x875	1090x500x875	1090x500x875	
	Net/Gross weight	kg	46/49.1	67.2/72.9	67.3/73.1	74.3/79.9	94/107
Refrigerant	Type		R410A	R410A	R410A	R410A	
	Charged quantity	Kg	2.1	3.2	3	3.65	4
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)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	
	Max. pipe length	m	25	65	30	50	
	Max. difference in level	m	15	30	20	30	
Ambient temperature	Cooling	°C	-15-50	-15~50	-15-50	-15-50	
	Heating	°C	-15-24	-15~24	-15-24	-15-24	

Indoor Dimensions	
MCD-24HRFNX-QRD0	840 x 840 x 205mm
MCD-36HRDN1	840 x 840 x 245mm
CAD-36 INV-R	840 x 840 x 245mm
CAD-48 INV-R	840 x 840 x 245mm
CAD-60 INV-R	840 x 840 x 287mm

Outdoor Dimensions	
MOCA30U-24HFN1-QRD0	845 x 363 x 702mm
MOU-36HDN1-Q / MOD30U-36HFN1-QRD0	946 x 410 x 810mm
UNI-36-INV-R	946 x 410 x 810mm

Outdoor Dimensions	
UNI-48-INV-R	946 x 410 x 810mm
UNI-60-INV-R	952 x 415 x 1333mm

