

# Sistema U-Match Inverter Cassette



Indoor model		MCD-36HRDN1-N-MX	MCD-48HRDN1-N-MX	MCD-50HRDN1-N-MX	
Outdoor model		MOD30U-36HFN1-N-MX	MOE30U-48HDN1-N-MX	MOE30U-55HDN1-N-MX	
Panel code		2.20129E+13	2.20129E+13	2.20129E+13	
Power supply (Indoor )	V- Ph-Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	
Power supply (Outdoor )	V- Ph-Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz	
Cooling (Standard conditions)	Capacity	Btu/h	36000	48000	50000
	Input	W	4074	5960	5702
	Current	A	17.7	25.9	23.85
	EER	W/W	2.59	2.36	2.57
Heating (Standard conditions)	Capacity	Btu/h	36000	48000	50000
	Input	W	3650	4970	5534
	Current	A	15.8	21.6	23.15
	COP	W/W	2.89	2.83	2.65
Rated Power Input	W	5150	6900	7000	
Rated Current	A	22.5	30	31	
Indoor fan motor	Model	YKS-125-6-6	YKS-125-6-6	YKS-125-6-6	
	Input	W	242	242	242
	Capacitor	uF	4.5	4.5	4.5
	Speed(Hi/Mi/Lo)	r/min	780/715/600/550	780/715/600/550	780/715/600/550
Indoor coil	a.Number of rows		2	3	3
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.4	1.4	1.4
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	2010x210x26.74	"965x252x40.11+965x252x40.11"	"965x252x40.11+965x252x40.11"
	g.Number of circuits		10	10	10
Indoor air flow (Hi/Mi/Lo)	m3/h	1927.3/1437/1309	1847/1355/1242	1856/1370/1252	
Indoor noise level (Hi/Mi/Lo)	dB(A)	57/49/47	55/49/47.5	53.5/49/47	
Throttle type	/	外机节流	外机节流	外机节流	
Indoor unit	Dimension(W*D*H)(body)	mm	840x840x245	840x840x287	840x840x287
	Dimension (W x Dx H)(panel)	mm	950x950x55	950x950x55	950x950x55
	Packing (W*D*H)(body)	mm	900x900x290	900x900x330	900x900x330
	Packing (W x Dx H)(panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	25.7/30.8	30/35.3	30.1/35.4
	Net/Gross weight(panel)	kg	6.5/8	6.5/8	6.5/8
Drainage water pipe dia	mm	ODΦ32mm	ODΦ32mm	ODΦ32mm	
Qty'per 20' /40' /40'HQ	Indoor unit	96/208/234	84/182/208	84/182/208	
Compressor	Model	KTF250D22JUMT	KTQ420D1UMU	KTQ420D1UMU	
	Type	ROTARY	ROTARY	ROTARY	
	Brand	GMCC	GMCC	GMCC	
	Capacity	W	8095	13700	13700
	Input	W	2200	3700	3700
	Rated current(RLA)	A	10	7.02	7.02
	Locked rotor Amp(LRA)	A	/	/	/
	Thermal protector		/	INT01L-4639	INT01L-4639
	Thermal protector position		NA	EXTERNAL	EXTERNAL
	Capacitor	μF	/	/	/
Refrigerant oil/oil charge	ml	VG74/670	VG74/1400	VG74/1400	

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Outdoor model		MOD30U-36HFN1-N-MX	MOE30U-48HDN1-N-MX	MOE30U-55HDN1-N-MX	
Outdoor fan motor	Model	ZKFN-120-8-2	YKT-90-6-9	YKT-90-6-9	
	Input	W	150	143	
	Capacitor	uF	/	5	
	Speed	r/min	1050/900/850	860/780	860/780
Outdoor coil	a.Number of rows		2	1.5	3
	b.Tube pitch(a)x row pitch(b)	mm	25.4x22	25.4x22	21x13.37
	c.Fin spacing	mm	1.3	1.4	1.4
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ9.52,Inner groove tube	Φ9.52,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	995x762x44	990*660.4*44	985x1260x40.11
	g.Number of circuits		4	4	14
Outdoor noise level	dB(A)	67	63	64	
Throttle type		/	节流阀(Throttle valve)	节流阀(Throttle valve)	节流阀(Throttle valve)
Outdoor unit	Dimension(W*D*H)	mm	946x410x810	952x415x1333	952x415x1333
	Packing (W*D*H)	mm	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross weight	kg	65/70	95.3/108.1	100/113
Refrigerant type		kg	R410A/2.8	R410A/4	R410A/4.3
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m	30	50	50
	Max. difference in level	m	20	30	30
Thermostat type			遥控式(Remote Control)	遥控式(Remote Control)	遥控式(Remote Control)
Operation temperature		°C	17~30	17~30	17~30
Room temperature	Indoor(cooling/heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	0~50/-15~24	0~50/-15~24	0~50/-15~24
Qty/per 20' /40' /40'HQ		Outdoor unit	44/96/138	22/48/48	22/48/48

