

Sistema U-Match Inverter Fan&Coil



Indoor model		MTI-36HWDN1-N-MX	MTI-48HWDN1-N-MX	MTI-55HWDN1-N-MX	
Outdoor model		MOD30U-36HFN1-N-MX	MOE30U-48HDN1-N-MX	MOE30U-55HFN1-N-MX	
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	55000
	Input	W	4220	5867	6301
	Current	A	18.3	25.81	26.42
	EER	W/W	2.5	2.4	2.56
Heating (Standard conditions)	Capacity	Btu/h	36000	48000	55000
	Input	W	3267	4366	5347
	Current	A	14.2	19.33	22.48
	COP	W/W	3.23	3.2	3.01
Rated Power Input	W	5150	6900	7000	
Rated Current	A	22.5	30	31	
Indoor fan motor	Model	YKSS-115-4-21	YKSS-480-4-2	YKSS-480-4-2	
	Input	W	253	/	/
	Capacitor	uF	5	20	20
	Speed(Hi/Mi/Lo)	r/min	1263/1123/1000	800/900/1000	1040/900/800
Indoor coil	a.Number of rows		4	3	4
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.4	1.3	1.5
	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	915x294x53.48	1030x378x40.11	1030x378x53.48
	g.Number of circuits		7	8	8
Indoor air flow (Hi/Mi/Lo)	m3/h	1697/1205/999	2825/2383/2050	2681/2281/1962	
ESP	Rated	Pa	37	50	50
	Range	Pa	/	0-160	0-160
Indoor noise level (Hi/Mi/Lo)	dB(A)	50/42/40	54/51/47	53/50/47	
Throttle type	/	外机节流	外机节流	外机节流	
Indoor unit	Dimension(W*D*H)	mm	1100x774x249	1200x874x300	1200x874x300
	Packing (W*D*H)	mm	1305x805x315	1405x915x365	1405x915x365
	Net/Gross weight	kg	33/41	45.7/54.6	47/56
Drainage water pipe dia	mm	/	ODΦ25mm	/	
Qty'per 20' /40' /40'HQ	Indoor unit		77/161/184	62/130/149	62/130/149
Compressor	Model		KTF250D22UMT	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-48HFN1-N-MX	MOE30U-55HFN1-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 air flow	m ³ /h	5100	7500	7200	
Outdoor noise level	dB(A)	61	63	65	
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			线控(Wire Control)	线控(Wire Control)	线控(Wire 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

