



DUCT INVERTER



FOLLOW ME



AUTO RESTART



HIGH
AIR FLOW



ANTI-COLD
AIR FUNCTION



REMOTE ON/OFF
DRY CONTACT



ESP
100 - 160PA

DUCT INVERTER

Indoor model			MIDD-24INV-Q MTI-24HWFNX-QRDOW(GA)	MIDD-36INV-Q MTI-36HWFNX-QRDOW(GA)	MIDD-36INV-R MTI-36HWFNX-QRDOW(GA)	MIDD-48INV-R MTI-48HWFNX-QRDOW(GA)	MIDD-60INV-R MTI-55HWFNX-QRDOW(GA)
Indoor code			22023011004754	22023011004735	22023011004735	22023011004774	22023011004775
Outdoor Model			MODU-24INV-Q MOX430-24HDNI-QW	MODU-36INV-Q MOD30U-36HFNI-QRDOW(GA)	MODU-36INV-R MOD30U-36HDNI-RW(GA)	MODU-48INV-R MOD30U-48HDNI-RW(GA)	MODU-60INV-R MOE30U-55HDNI-RW(GA)
Outdoor code			22022516001762	22022516001902	22022516001782	22022516001783	22022716001776
Power supply (Indoor)			V- Ph-Hz 220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)			V- Ph-Hz 220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz
Cooling	Capacity	Btu/h	24000	36000	36000	48000	55000
	Input	W	2236	4160	3950	5450	6700
	Current	A	10	18.8	6.80	9.50	11.00
	EER	W/W	3.15	2.54	2.67	2.58	2.41
Heating	Capacity	Btu/h	26000	40000	40000	53000	62000
	Input	W	2000	3200	2950	4350	5150
	current	A	9.5	14.5	5.40	8.10	8.30
	COP	W/W	3.81	3.66	3.97	3.57	3.53
Indoor fan motor	Model		ZKFN-160-8-1-2	ZKFN-300-8-1	ZKFN-300-8-1	ZKFN-560-8-1-1	ZKFN-560-8-1-1
	Qty		1	1	1	1	1
	Input	W	90.0	250.0	250.0	560.0	560.0
	Capacitor	µF	/	/	/	/	/
	Speed(Hi/Mi/Lo)	r/min	1200/-/-	1100/1000/900	1100/1000/900	1020/800/600	1060/970/905
Indoor coil	a.Number of rows		3	4	4	4.0	4.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.4	1.4	1.4	1.5	1.5
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	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	φ7,Inner groove tube	φ7,Inner groove tube
	f.Coil length x height x width	mm	915x294x40.11	1175x294x53.48	1175x294x53.48	1030x378x53.48	1030x378x53.48
	g.Number of circuits		7	7	7	8	8
Indoor air flow (Hi/Mi/Lo)			m ³ /h 1229/1035/825.1	2100/1800/1500	2100/1800/1500	2400/2040/1680	2600/2210/1820
ESP	Rated	Pa	25	37	37	50	50
	Range	Pa	0-160	0-160	0-160	0-160	0-160
Indoor sound pressure level (Hi)			dB(A) 42/39/36	44/42/39	44/40.5/38	47.5/45.5/43.0	50/48.5/46
Indoor unit	Dimension(W*D*H)	mm	1100x774x249	1360x774x249	1360x774x249	1200x874x300	1200x874x300
	Packing (W*D*H)	mm	1305x805x315	1570x805x330	1570x805x330	1405x915x365	1405x915x365
	Net/Gross weight	Kg	32.3/39.1	40.5/48.2	40.5/48.2	47.6/55.8	47.4/56.1
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 ODφ25mm	ODφ25mm	ODφ25mm	ODφ25mm	ODφ25mm
Refrigerant piping			mm(inch) 9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
Controller			Wired control	Wired control	Wired control	Wired control	Wired control
Room temperature	Cooling	℃	17~32	17~32	17~32	17~32	17~32
	Heating	℃	0~30	0~30	0~30	0~30	0~30
Option Controller			KJR-120X	KJR-120X	KJR-120X	KJR-120X	KJR-120X
Model			MOX430-24HDNI-QW	MOD30U-36HFNI-QRDOW(GA)	MOD30U-36HDNI-RW(GA)	MOD30U-48HDNI-RW(GA)	MOE30U-55HDNI-RW(GA)
Code			22022516001762	22022516001902	22022516001782	22022516001783	22022716001776
Power supply			V-ph-Hz 220-240-1-50	220-240V,1Ph, 50Hz	380-415-3-50	380-415-3-50	380-415-3-50
Max. input consumption			W 3700	5000	5000	6700	7600
Max. input current			A 19	22.5	10	14	14
Compressor	Model		KTM240D57UMT	KTF310D43UMT	KTF250D22UMT	KTF310D43UMT	KTQ420D1UMU
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC
	Capacity	Btu/h	7740	10010	8095	10010	13700
	Input	W	2085	2765	2200	2765	3700
	Rated current(RLA)	A	9.5	5.38	10	5.38	7.02
Refrigerant oil			ml VG74/670	VG74/1000	VG74/670	VG74/1000	VG74/1400
Outdoor fan motor	Model		YKT-65-6-234-1	ZKFN-120-8-2	YKT-60-6-40-6	YKS-190-6-21L	YKT-90-6-10
	Qty		1	1	1	2	2
	Input	W	/	150.0	133.0	293.3	142.0
	Capacitor	µF	5	/	5	10	5
Speed			r/min 800/700/580	950/850/700	870/820	850	880/810
Outdoor coil	Number of rows		1.6	2	2	2.6	1.6
	Tube pitch(a)* row pitch(b)	mm	21x22	25.4x22	25.4x22	25.4x22	25.4x22
	Fin spacing	mm	1.3	1.3	1.3	1.5	1.4
	Fin type		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	φ7,Inner groove tube	φ9.52,Inner groove tube	φ9.52,Inner groove tube	φ9.52,Inner groove tube	φ9.52,Inner groove tube
	Coll length * height * width	mm	900*44*609	995x762x44	995x762x44	995x762x22+960x762x22+580x762x22	990x660.4x22+580x660.4x22
Number of circuits			5	4	4	6	4
Outdoor air flow			m ³ /h 3500	4000	5000	5000	7650
Outdoor noise level (sound pressure)			dB(A) 59.5	64	60.5	64.5	65
Throttle type			Throttle valve	EXV+Throttle valve	Throttle valve	Throttle valve	Throttle valve
Outdoor unit	Dimension(WxDxH)	mm	890x342x673	946x410x810	946x410x810	946x410x810	952x415x1333
	Packing(WxDxH)	mm	995x398x740	1090x500x885	1090x500x885	1090x500x885	1095x495x1480
	Net/Gross weight	kg	44/47.3	67.6/72.1	77.9/82.7	86.7/91.4	107.1/121.3
Refrigerant type/Quantity			kg R410A 1.90	R410A 3.2	R410A 3.00	R410A 3.65	R410A 4.00
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			mm(inch) 9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
Max. pipe length			m 25	75	30	50	50
Max. difference in level			m 15	30	20	30	30
Ambient temperature	Cooling	℃	-15-50	-15-50	-15-50	-15-50	-15-50
	Heating	℃	-15-24	-15-24	-15-24	-15-24	-15-24

Model	unit	Supply air opening		Return air opening	
24	mm	926	175	1001	228
36	mm	1186	175	1261	228
48-60	mm	1004	227	1101	280