

Model			MX-09HC004i	MX-12HC004i	MX-18HC004i	MX-24HC004i
Power supply	Ph-V-Hz		220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
Rated Cooling	Capacity	Btu/h	9000(4430~10980)	12000(4820~14640)	17500(6500~20120)	22000(7450~24200)
Cooling Power input		W	144~1240	139~1650	157~2270	204~2730
Cooling Current		A	0.63~5.39	0.6~7.17	0.68~9.87	0.89~11.87
Rated Heating	Capacity	Btu/h	9500(3450~11780)	12500(3350~15500)	18000(4350~21240)	25000(5460~29500)
Heating Power input		W	175~1230	177~1620	191~2220	293~3090
Heating Current		A	0.76~5.35	0.77~7.04	0.83~9.65	1.27~13.43
Seasonal Cooling	Pdesignc	kW	2.6	3.5	5.1	6.4
	SEER	W/W	5.6	5.6	6.1	5.9
	Energy Efficiency Class		A+	A+	A+	A+
Heating(Average)	Pdesignh	kW	2.4	2.6	4.8	5.5
	SCOP	W/W	3.8	3.8	3.8	3.8
	Energy Efficiency Class		A	A	A	A
	Tbiv	°C	-7	-7	-6	-7
Heating(Warmer)	Pdesignh	kW	2.8	2.8	5.2	7.1
	SCOP	W/W	4.8	4.8	5.1	4.8
	Energy Efficiency Class		A++	A++	A+++	A++
	Tbiv	°C	2	2	5	5
	Tol	°C	-15	-15	-15	-15
Moisture Removal		L/h	1.0	1.2	1.8	2.3
Max. input consumption		W	2000	2500	2700	2940
Max. current		A	9.0	11.5	12.5	13.5
Starting current		A	---	---	---	---
Compressor	Model		ASN108D22UEZ	ASN108D22UEZ	DA130M1C-31FZ	DA150S1C-20FZ
	Type		ROTARY	ROTARY	ROTARY	Twin-rotary
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	Btu/h	10987	10987	13443	15286
	Input	W	825	825	1005	1150
	Rated current(RLA)	A	5.8	5.8	3.95	9.7
	Locked rotor Amp(LRA)	A	---	---	---	---
	Thermal protector		---	---	---	KSD301
	Thermal protector position		---	---	INTERNAL	EXTERNAL
	Capacitor	uF	---	---	---	---
Refrigerant oil/oil charge	ml	ESTER OIL VG74 370	ESTER OIL VG74 370	ESTER OIL VG74/480	ESTER OIL VG74/500	
Indoor fan motor	Model		RPG20E	RPG20E	WZDK30-38G	RPG45C
	Brand		Welling	Welling	Welling	Broad Ocean
	Output	W	45(Input)	45(Input)	30	72(Input)
	Capacitor	uF	1.5	1.5	--	3.0
	Speed(Hi/Mi/Lo)	r/min	1150 / 1000 / 800	1200 / 1050 / 800	1100 / 800 / 700	1250 / 1100 / 900
Indoor coil	a.Number of rows		1/2	1/2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.2	1.2	1.3
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7, innergroove tube
	f.Coil length x height x width	mm	621x84x13.37+621x210x26.74	621x84x13.37+621x210x26.74	750x294x26.74	780x336x26.74
	g.Number of circuits		3	3	3	4
Indoor air flow (Hi/Mi/Lo)	m3/h	650/560/450	650/560/450	750/550/480	1100/970/800	
Indoor sound pressure level (Hi/Mi/Lo)	dB(A)	40/38/31	43/39/31	44/34/32	50/47/40	
Indoor sound power level (Hi)	dB(A)	55	56	56	63	
Indoor unit	Dimension(W*D*H)	mm	800x188x275	800x188x275	940x205x275	1045x235x315
	Packing (W*D*H)	mm	865x265x350	865x265x350	1015x265x350	1135x395x315
	Net/Gross weight	Kg	7.5/9.5	7.5/9.5	9/12.5	12.5 / 15.5
	Model		WZDK36-38G-W	WZDK36-38G-W	WZDK36-38G-W	WZDK50-38G
Outdoor fan motor	Brand		Welling	Welling	Welling	Shibaura
	Output	W	36	36	36	50
	Capacitor	uF	6.0	--	--	--
	Speed	r/min	800	800	800	800
Outdoor coil	a.Number of rows		1	1	2	2
	b.Tube pitch(a)x row pitch(b)	mm	25.4x22	25.4x22	22x19.05	25.4x22
	c.Fin spacing	mm	1.6	1.6	1.4	1.4
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ9.52,innergroove tube	Φ9.52,innergroove tube	Φ7.94,innergroove tube	Φ9.52,innergroove tube
	f.Coil length x height x width	mm	754x508x22	754x508x22	660x550x38.1	766x660x44
	g.Number of circuits		2	2	4	4
Outdoor air flow	m3/h	1800	1800	2200	2700	
Outdoor sound pressure level	dB(A)	56	56	59	60	
Outdoor sound power level	dB(A)	63	63	65	67	
Outdoor unit	Dimension(W*D*H)	mm	780x250x540	780x250x540	760x285x590	845x320x700
	Packing (W*D*H)	mm	910x335x585	910x335x585	887x355x645	965x395x755
	Net/Gross weight	Kg	28/30	27.2/29.5	34.5/37	47/50
Refrigerant	Type		R410A	R410A	R410A	R410A
	GWP		1975	1975	1975	1975
	Charged quantity	Kg	0.8	0.95	1.25	1.95
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	25	25	30	30
	Max. difference in level	m	10	10	20	20
Connection wiring			1.5(Optional)	1.5(Optional)	2.5(Optional)	2.5(Optional)
Plug type			--	--	--	--
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	-15~50/-15~30	-15~50/-15~30	-15~50/-15~30	-15~50/-15~30
Application area	m2		13-22	18-29	25-42	32-53
Qty per 20' /40' /40'HQ			112/235/265	112/235/265	98/200/225	69/140/160