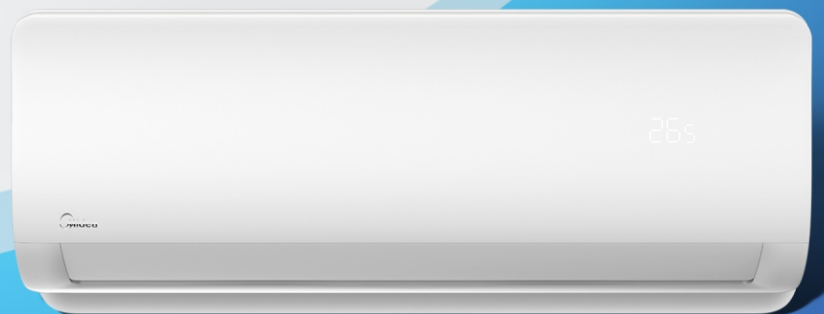




AI Rosense

Midea



XTREME

FIXED SPEED



FIRE PROOF
BOX



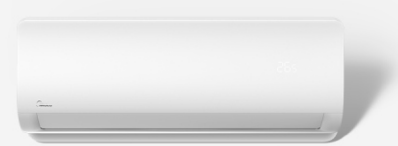
ENERGY
SAVING



LOW NOISE

XTREME

FIXED SPEED



Code		22022010014378	22022010014377	22022010014759	22022010014837
Indoor code		22022011015362	22022011015541	22022011015941	22022011016021
Outdoor code		22022016015340	22022016015520	22022016015881	22022016015980
Indoor		MSAGA-09HRN1-QC2	MSAGB-12HRN1-QCO	MSAGC-18HRN1-QCO	MSAGD-24HRN1-QCOW
Outdoor		MOX132-09HNI-QC2	MOX130-12HNI-QCO	MOX230-18HNI-QCO	MOX430-24HNI-QCOW
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	W	2630	3520	5010
	Input	W	819	1169	1664
	Rated current	A	3,59	5,17	7,38
	EER	W/W	3,21	3,01	3,01
Heating	Capacity	W	2540	3525	5100
	Input	W	704	976	1496
	Rated current	A	3,08	4,32	6,64
	COP	W/W	3,61	3,61	3,41
Max. input consumption		W	1200	1750	2950
Max. current		A	7.0	9.0	15.5
Starting current		A	20	25	41.8
Compressor	Model		ASM99V1VDZ	ASM140V1VDZ	KSF190V1VETB
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	W	2770/2790	4060/4060	5425 / 5440
	Input	W	660/672	955/995	1280 / 1345
	Rated current(RLA)	A	3.05/2.85	4.35/4.20	5.9 / 5.85
	Locked rotor Amp(LRA)	A	20	25.0	38
	Thermal protector		BF750-MH	UP3-21/HPA -522	/
	Thermal protector position		INTERNAL	INTERNAL	/
	Capacitor	µF	25.0	35.0	45
Refrigerant oil/oil charge	ml	ESTER OIL VG74/300	ESTER OIL VG74/320	ESTER OIL VG74/410	
Indoor fan motor	Model		YKFG-20-4-5-19	YKFG-28-4-5-21	YKFG-45-4-22-13
	Input	W	43.0	/	71.0
	Capacitor	µF	1.5	1.5	1.5
	Speed(Hi/Mi/Lo)	r/min	1200/1050/850	1100/950/800	1200/950/850
Indoor coil	a.Number of rows		2	2	2.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.2
	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	4x13.37+525x105x26.74+525x10	605x210x26.74+605x105x2	750x210x26.74+750x126x26
	g.Number of circuits		2	2	4
Indoor air flow (Hi/Mi/Lo)		m ³ /h	550/466/325	570/500/380	820/545/455
Indoor noise level (Hi/Mi/Lo)		dB(A)	40/36/31.5	41/36/28.5	44.5/38.5/30
Indoor unit	Dimension(W*D*H)	mm	729x200x292	802x200x295	971x228x321
	Packing (W*D*H)	mm	790x270x375	875x285x380	1045x305x405
	Net/Gross weight	Kg	8.5/10.8	9.3/11.7	12.3/15.5
Outdoor fan motor	Model		YKT-25-6-51-3	YKT-25-6-51-3	YKT-48-6-219-1
	Input	W	63.0	63.0	/
	Capacitor	µF	2	2	3
	Speed	r/min	820	820	890
Outdoor coil	a.Number of rows		1	1	1.6
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x22	21x13.37
	c.Fin spacing	mm	1.4	1.3	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	750x462x13.37	740x462x22	755*504*13.37+475*504*13.3
	g.Number of circuits		2	2	4
Outdoor air flow		m ³ /h	1800	1800	2200
Outdoor noise level		dB(A)	54	55	58.5
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610
	Net/Gross weight	Kg	26.6/28.4	27.1/28.9	34.8/37.3
Refrigerant type		Kg	R410A/0.67	R410A/0.65	R410A/1.14
Design pressure		MPa	//15	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)
	Max. refrigerant pipe length	m	20	20	25
	Max. difference in level	m	8	8	10
Connection wiring			1.5x3/0.75x2	1.5x3/0.75x2	2.5x3/0.75x2
Plug type			1.5x3/no-plug	1.5x3/no-plug	2.5x3/no-plug
Thermostat type			Remote Control	Remote Control	Remote Control
Operation temperature		°C	17-30	17-30	17-30
Room temperature	Indoor(cooling/heating)	°C	16~32/0~30	16~32/0~30	16~32/0~30
	Outdoor(cooling/heating)	°C	18~43/-7~24	18~43/-7~24	18~43/-7~24
Application area (Cooling Standard)		m ²	11~17	15~22	23.0~33.0
Qty/per 20' /40' /40'HQ			138/282/312	130/276/302	88/186/220

Indoor Dimensions	
Model	W x D x H
MSAGA-09HRN1-QC2	729x200x292
MSAGB-12HRN1-QCO	802x200x295
MSAGC-18HRN1-QCO	971x228x321
MSAGD-24HRN1-QCOW	1082x234x337

Outdoor Dimensions	
Model	W x D x H
MOX132-09HNI-QC2	720x270x495
MOX130-12HNI-QCO	720x270x495
MOX230-18HNI-QCO	765x303x555
MOX430-24HNI-QCOW	890x342x673

