

Mexico Model name		MAS12C1FSP	MAS12C2FSP	MAS18C2FSP	MAS24C2FSP	MAS12H1FSP		MAS12H2FSP	MAS18H2FSP	MAS24H2FSP			
Model		MSAFB-12CRN1-B8H	MSAFB-12CRN1-N8H	MSAFB-18CRN1-N8H	MSAFB-24CRN1-N8BW	Model		MSAFB-11HRN1-B8H	MSAFB-11HRN1-N8H	MSAFC-18HRN1-N8H	MSAFP-23HRN1-N8BW		
Indoor		MSAFB-12CRN1-B8H	MSAFB-12CRN1-N8H	MSAFB-18CRN1-N8H	MSAFB-24CRN1-N8BW	Indoor		MSAFP-11HRN1-B8H	MSAFP-11HRN1-N8H	MSAFC-18HRN1-N8H	MSAFP-23HRN1-N8BW		
Outdoor		MOBA30-12CN1-B8H	MOBA30-12CN1-N8H	MOBA30-18CN1-N8H	MOCA30-24CN1-N8BW	Outdoor		MOBA30-11HN1-B8H	MOBA30-11HN1-N8H	MOBA30-21HN1-N8H	MOCA30-21HN1-N8BW		
Power supply	V,Hz,Ph	115V,60Hz,1Ph	220-230V,60Hz,1Ph	220-230V,60Hz,1Ph	220-230V,60Hz,1Ph	Power supply	Ph-V-Hz	115V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz		
Cooling	Capacity	Btu/h	12000	18000	24000	Cooling	Capacity	Btu/h	12500	18000	23000		
	Input	W	1250	1250	1880		2510	Input	W	1300	1300	2400	
	Rated current	A	11.5	6.0	8.5		11.3	Rated current	A	11.3	5.6	8.0	
	EER	W/W	2.81	2.81	2.81		2.80	EER	W/W	2.8	2.8	2.90	
Heating	Capacity	Btu/h	-	-	-	-	Heating	Capacity	Btu/h	12500	18000	22000	
	Input	W	-	-	-	-		Input	W	1220	1220	1650	
	Rated current	A	-	-	-	-		Rated current	A	10.6	5.3	7.2	
	COP	W/W	-	-	-	-		COP	W/W	3	3	3.20	
Max. input consumption	W	1800	1750	2400	3450	Max. input consumption	W	1700	1750	2600	3650		
Max. current	A	18	9	13	18	Max. current	A	15.5	8	130	18.0		
Starting current	A	57	28.5	42	62	Starting current	A	28.5A	28.5A	41.9A	62.0A		
Compressor	Model	ASM120E1UFZ	ASM120N1UFZ	PA170M2A-3ET6	PA236G2C-3MTL	Compressor	Model	ASM120E1UFZ	ASM120N1UFZ	PA170M2A-3FT6	PA236G2C-3MTL		
	Type	ROTARY	ROTARY	ROTARY	ROTARY		Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Brand	GMCC	GMCC	GMCC	GMCC		Brand	GMCC	GMCC	GMCC	GMCC	GMCC	
	Capacity	Btu/h	12096	12147/12351	17162/17418		27893/28183	Capacity	W	3545	3560/3620W	5055/5155W	8174/8259W
	Input	W	1180	1128/1135	1650/1655		1865/1885	Input	W	1180	1128/1135W	1466/1660W	1865/1885W
	Rated current(RLA)	A	10	5.5/5.1	8.007/35		9.15/8.40	Rated current(RLA)	A	10	5.5/5.1A	8.05/7.35A	9.15/8.40A
Locked rotor Amp(LRA)	A	57	28.5	42	62	Locked rotor Amp(LRA)	A	57A	28.5A	41.9A	62.0A		
Thermal protector		UP3-29HPA-552	INTERNAL	UP3-64	UP3-68	Thermal protector		UP3-29/HPA-552	UP3-41/HPA-622	INTERNAL	UP3-68		
Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL		
Capacitor	uF	70	40UF/450V	60	60	Capacitor	uF	70.0	40.0	40.0	60.0		
Refrigerant oil/oil charge	ml	VG74/300 cc	ESTEL OIL VG74/300	ESTEL OIL VG74/420 ml	VG74/620 ml	Refrigerant oil/oil charge	ml	300 CC (VG74)	300 CC (VG74)	ESTEL OIL VG74/420	VG74 - 620 ml		
Model		YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-28-4-6-5	YKFG-45-4-13	Model		YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-28-4-6-5	YKFG-45-4-13		
Input	W	46.0	47.4	58.5	89.0	Old Model		YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-28-4-6-5	YKFG-45-4-13		
Capacitor	uF	3.0	1.5	1.5	3.0	Input	W	46.0	47.4	58.5	89.0		
Speed(Hi/Mi/Lo)	r/min	1150/950/800	1150/950/800	1180/1000/800	1200/1000/900	Capacitor	uF	3	1.5	3	3		
a.Number of rows		2/1	2/1	2	2	Speed(Hi/Mi/Lo)	r/min	1320	1320	1180/1000/850	1200/1100/950		
b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	a.Number of rows		2.0	2.0	2.0	2.0		
c.Fin spacing	mm	1.2	1.2	1.3	1.3	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37		
d.Fin type (code)	mm	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	c.Fin spacing	mm	1.2	1.2	1.2	1.3		
e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum		
f.Coil length x height x width	mm	98x210x26.74-598x84x13.3	98x210x26.74-598x84x13.3	750x294x26.74	780x315x26.74	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube		
g.Number of circuits		3	3	4	4	f.Coil length x height x width	mm	598x84x13.37-598x210x26.74	598x84x13.37-598x210x26.74	750x294x26.74	780x315x26.74		
Indoor air flow (Hi/Mi/Lo)	m³/h	550/433/345	520/423/343	800/649/480	973/766/675	g.Number of circuits		3	3	4	4		
Indoor noise level (Hi/Mi/Lo)	dB(A)	39.5/-28.5	42/-29.5	45/39/35	45/39/35	Indoor air flow (Hi/Mi/Lo)	m³/h	555/437/346	550/430/340	790/640/500	1000/900/750		
Indoor unit	Dimension(W*D*H)	mm	805x194x285	805x194x285	957x213x302	1040x220x327	Indoor noise level (Hi/Mi/Lo)	dB(A)	39/34/29	40/35/31	45.0/39.0/33.0	46.0/43.5/38.5	
	Packing (W*D*H)	mm	870x270x360	870x270x360	1035x295x380	1120x405x310	Dimension(W*D*H)	mm	805x194x285	805x194x285	957x213x302	1040x220x327	
	Net/Gross weight	Kg	8.6/10.8	8.4/10.6	10.9/14.5	13.7/17.1	Packing (W*D*H)	mm	870x270x360	870x270x360	1035x295x380	1120x405x310	
	Model		YKT-32-6-202L	YKT-32-6-3L	YKT-48-6-206	YKT-63-6-200L	Net/Gross weight	Kg	8.6/11.1	8.4/10.6	10.5/13.6	13.5/16.9	
Outdoor fan motor	Input	W	80.2/69.4	78.5/63	91.8/79.2	136/130	Model		YKT-32-6-202L	YKT-32-6-3L	YKT-48-6-206	YKT-63-6-200L	
	Capacitor	uF	6	2.5	3	3	Input	W	80.2	77.5	103.8	136.0	
	Speed	r/min	850/730	860 / - / 740	890/830	930/-/830	Capacitor	uF	6	2.5	3	3	
	a.Number of rows		1	1	2	2	Speed	r/min	850/730	860/740	860/700	930/830	
Outdoor coil	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6	19.5x11.6	19.5x11.6	Dimension(W*D*H)	mm	770x300x555	770x300x555	770x300x555	845x363x702	
	c.Fin spacing	mm	1.2	1.2	1.2	1.2	Packing (W*D*H)	mm	900x345x585	900x345x585	900x345x585	965x395x765	
	d.Fin type (code)		Unhydrophilic aluminum	Unhydrophilic aluminum	Unhydrophilic aluminum	Unhydrophilic aluminum	Net/Gross weight	Kg	30/32.2	30/32.2	36.9/39.7	54.9/58.1	
	e.Tube outside dia.and type	mm	Φ5,innergroove tube	Φ5,innergroove tube	Φ5,innergroove tube	Φ5,innergroove tube	Model		R410A/0.69	R410A/0.71	R410A/1.25	R410A/2.25	
f.Coil length x height x width	mm	760x507x11.6	760x507x11.6	760x507x23.2	768x663x23.2	Design pressure	Mpa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5		
g.Number of circuits		2	2	4	4	Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	
Outdoor noise level	dB(A)	52.5	54	57	57	Max. refrigerant pipe length	m	20	20	25	25		
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	770x300x555	845x363x702	Max. difference in level	m	8	10	10	10	
	Packing (W*D*H)	mm	900x348x615	900x348x615	900x348x615	965x395x765	Connection wiring		14x3/0.75x2	1.5x3/0.75x2	1.5x3/SP008	1.0x4/1	
	Net/Gross weight	Kg	27.9/30.3	27.8/30.3	35.3/38.3	48.5/51.7	Plug type		14x3/no-plug	1.5x3/SP008	14x3/no-plug	//no-plug	
Refrigerant type	g	R410A/550g	R410A/550g	R410A/840g	R410A/1240g	Thermostat type		Remote Control	Remote Control	Remote Control	Remote Control		
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	Operation temperature	°C	17-30	17-30	17-30	17-30		
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35(Φ12.7/1/4"/1/2")	Φ6.35(Φ12.7/1/4"/1/2")	Φ6.35(Φ12.7/1/4"/1/2")	Φ6.52(Φ15.9/3/8"/5/8")	Room temperature	Indoor(cooling/heating)	°C	17-32/0-30	17-32/0-30	17-32/0-30	
	Max. refrigerant pipe length	m	20	20	25	25	Outdoor(cooling/heating)	°C	18-43/-7-24	18-43/-7-24	18-43/-7-24		
	Max. difference in level	m	8	8	10	10	Application area (Cooling Standard)	m2	17-24	17-24	24-35	31-45	
Connection wiring		14#x3(Optional)	1.5x3(Optional)	2.5x3(Optional)	1.0x4(Optional)	Qty per 20' /40' /40HQ		110/227/244	110/227/244	86/180/208	64/136/146		
Plug type		14#x3	16#x3/SP008	14#x3	--								
Thermostat type		Remote Control	Remote Control	Remote Control	Remote Control								
Operation temperature	°C	17-30	17-30	17-30	17-30								
Room temperature	Indoor(cooling/heating)	°C	17-32/----	17-32/----	17-32/----	17-32/----							
	Outdoor(cooling/heating)	°C	18-43/----	18-43/----	18-43/----	18-43/----							
Application area (Cooling Standard)	m2	16-23	16-23	24-35	32-47								
Qty per 20' /40' /40HQ		110/227/244	110/227/244	90/185/208	66/140/154								