



Duct Specifications

Indoor Code			Regular Series
Outdoor Code			22023011003834
Indoor Model			22023016002111
Outdoor Model			MHG-60HWFN1-MW
Outdoor Model			MOE30U-60HFN1-M
Power supply		V,Hz,Ph	208/230V, 1Ph, 60Hz
Cooling	Capacity	Btu/h	57000
	Input	W	5700
	Rated current	W	25.0
	EER	Btu/W	10
	SEER		18
Heating at 47F	Capacity	Btu/h	62000
	Input	W	5048
	Rated current	W	23.1
	COP	W/W	3.6
	HSPF4		9.0
	HSPF5		7.6
Heating at 17F	Capacity	Btu/h	33400
Minimum circuit ampacity		A	36
Max.fuse		A	50
Indoor fan motor	Model		ZKFN-700-8-1
	Qty		1
	Input	W	420
	RLA	A	3.65
	Speed	r/min	1060/910/790
Indoor air flow (Hi/Med/Lo) (No duct)		m ³ /h	3665/2906/2145
Indoor air flow (Hi/Med/Lo) (No duct)		CFM	2157/1710/1262
ESP	Range	Pa	0-200
	Range	In. wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	50.5/47/43
Indoor unit	Dimension (WxDxH)	mm	1400/858/440
		inch	55.12/33.78/17.32
	Packing(WxDxH)	mm	1605/910/505
		inch	63.19/35.83/19.88
	Net/Gross weight	kg	74/86
		lbs.	163.1/189.6
Design pressure		PSIG	550/340 PSIG
Drainage water pipe diameter		mm	ODΦ25
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/19mm(3/4in)
Controller			Wire Control
Room temperature	Cooling	°C	17 ~ 32
		°F	62 ~ 90
	Heating	°C	0 ~ 30
		°F	32 ~ 86

Operation temperature	°C	17~30
	°F	62~86
Application area (cooling standard)	m ²	76-111
Application area (cooling standard)	sq.ft	818-1195
Qty'per 20' /40' /40'HQ	Indoor unit	35/72/86

Code		22023016002111	
Model		MOE30U-60HFN1-M	
Power supply	V,Hz,Ph	208-230,1,60	
Minimum circuit ampacity	A	36	
Max. fuse	A	50	
Compressor	Model	ATQ420D1UMU	
	Type	ROTARY	
	Brand	GMCC	
	Capacity	Btu/h	44697
	Input	W	3420
	Rated current (RLA)	A	23.5
	Thermal protector position	INTERNAL	
	Refrigerant oil	ml	Ester Oil VG74/1400
Outdoor fan motor	Model	ZKFN-85-8-22+ZKFN-85-8-22-2	
	Qty	1+1	
	Input	W	126
	RLA	A	0.39
	Speed	r/min	900/800
Outdoor air flow (Max.)	m ³ /h	7600	
Outdoor air flow (Max.)	CFM	4470	
Outdoor noise level		dB(A)	65
Throttle type	Capillary +EXV		
Outdoor unit	Dimension (WxDxH)	mm	952x415x1333
		inch	37.48x16.34x52.48
	Packing (WxDxH)	mm	1095x495x1480
		inch	43.11x19.49x58.27
	Net/ Gross weight	kg	102.1/115.4
		lbs.	224.9/254.4
Refrigerant	type/Quantity	g	R410A/4600
Refrigerant	type/Quantity	Oz	R410A/163
Refrigerant precharge		ft	25
Additional charge for each ft		oz	0.32
Design pressure		PSIG	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ19(3/8"/3/4")
	Max. pipe length	m	65
		ft	213
	Max. difference in lev	m	30
ft		98	
Ambient temperature	Cooling	°C	-15~50
		°F	5~122
	Heating	°C	-15~30
		°F	5~86
Qty'per 20' /40' /40'HQ	Outdoor	22/48/48	