



Submittal Data

Submittal Data Model : **MSAGF-36HRFNX-MR0W/MOD31-36HFN1-MP0W**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:



SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage (V, Ph, Hz)			208/230, 1, 60
Voltage Range (V)			187-253
Electrical			
Minimum circuit ampacity (A)			28.0
Max.fuse (A)			35.0
Connection wiring			14*4 AWG
Cooling			
Rated Capacity (Btu/h)			36000
Capacity Range (Btu/h)			8300~37500
Power Input (Max) (W)			3790
Rated current (A)			16.8
SEER (Btu/W)			18
EER (Btu/W)			9.5
Heating at 47F			
Rated Capacity (Btu/h)			36000
Capacity Range (Btu/h)			10900~37360
Power Input (Max) (W)			3790
Rated current (A)			16.8
HSPF4 (Btu/W)			12
HSPF5 (Btu/W)			9
COP W/W			2.78
Heating at 17F			
Max Capacity (Btu/h)			25000
REFRIGERANT PIPE DATA			
Design pressure (PSIG)			550/340
Refrigerant Type (Oz)			R410A/119.9
Refrigerant precharge (ft)			25.0
			(m) 7.6
Additional charge for each (oz/ft)			0.32
			(g/ft) 30
Liquid side/ Gas side (inch)			3/8" / 5/8"
			(mm) φ9.52 / φ15.9
Max. pipe length (ft)			213.0
			(m) 65.0
Max. difference in level (ft)			98.0
			(m) 30.0
Connection method			(Flared)
Indoor(cooling/ heating) (Deg. °F)			60~90 / 32~86
			(Deg. °C) 16~32 / 0~30
Outdoor(cooling/heating) (Deg. °F)			5~122 / 5~75
			(Deg. °C) -15~50 / -15~24
Application area (sq.ft)			516.67~753.47
			(m2) 48~70

INDOOR UNIT DATA			
Indoor fan motor			
Type			Cross-Flow
Model			ZKFP-58-8-1-5
Qty			1
Input (W)			58.0
RLA (A)			-
LRA (A)			---
Winding Resistance (Ω)			---
Capacitor (uF)			---
Speed(Hi/Mi/Lo) (r/min)			1200/960/600
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (CFM)			652.94/447.06/329.41
Indoor noise level (Hi/Med) (dB(A))			54/45/40
Dehumidification (Pint/H)			---
Indoor unit			
Dimension (WxDxH) (inch)			49.57x11.14x14.25
			(mm) 1259x283x362
Packing(WxDxH) (inch)			52.76x17.72x15.16
			(mm) 1340x450x385
Net/Gross weight (lbs.)			42.77/55.56
			(kg) 19.4/25.2
OUTDOOR UNIT DATA			
Compressor			
Type			KTF250D22UMT
Model			ROTARY
Brand			GMCC
Capacity (Btu/h)			27621.286
Input (W)			2200
Rated current (RLA) (A)			-
Refrigerant oil/oil charge (ml)			-
Throttle			Capillary +EXV
Outdoor fan motor			
Model			ZKFN-120-8-2
Qty			1
Input (W)			---
RLA (A)			---
Speed (r/min)			1150/1050/900/850
Air flow & Noise level			
Outdoor air flow (Max.) (CFM)			2235.30
Outdoor noise level (dB(A))			61.5
Outdoor unit			
Dimension (WxDxH) (inch)			37.24x16.14x31.89
			(mm) 946x410x810
Packing (WxDxH) (inch)			42.91x19.69x34.84
			(mm) 1090x500x885
Net/ Gross weight (lbs.)			150.13/158.95
			(kg) 68.1/72.1

COMPATIBILITY:

SINGLE ZONE INDOOR SYSTEM:

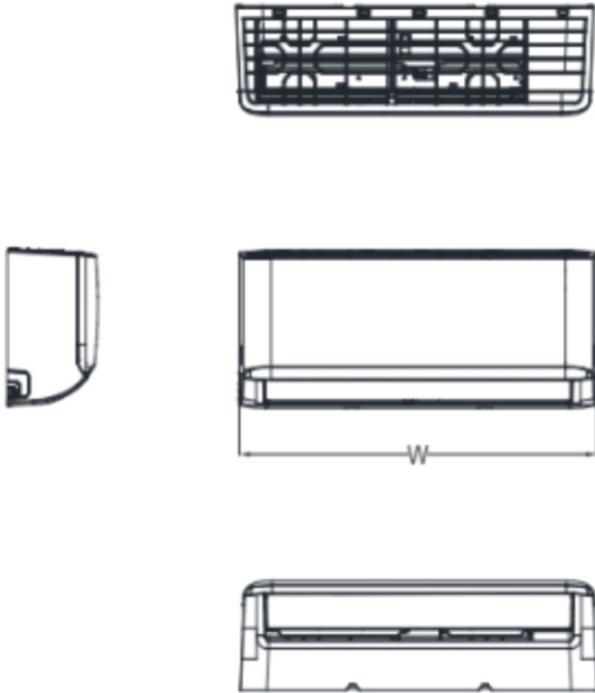
MODEL NO. **MSAGF-36HRFNX-MR0W**

SINGLE ZONE OUTDOOR SYSTEM:

MODEL NO. **MOD31-36HRN1-MP0W**

SPECIFICATIONS:

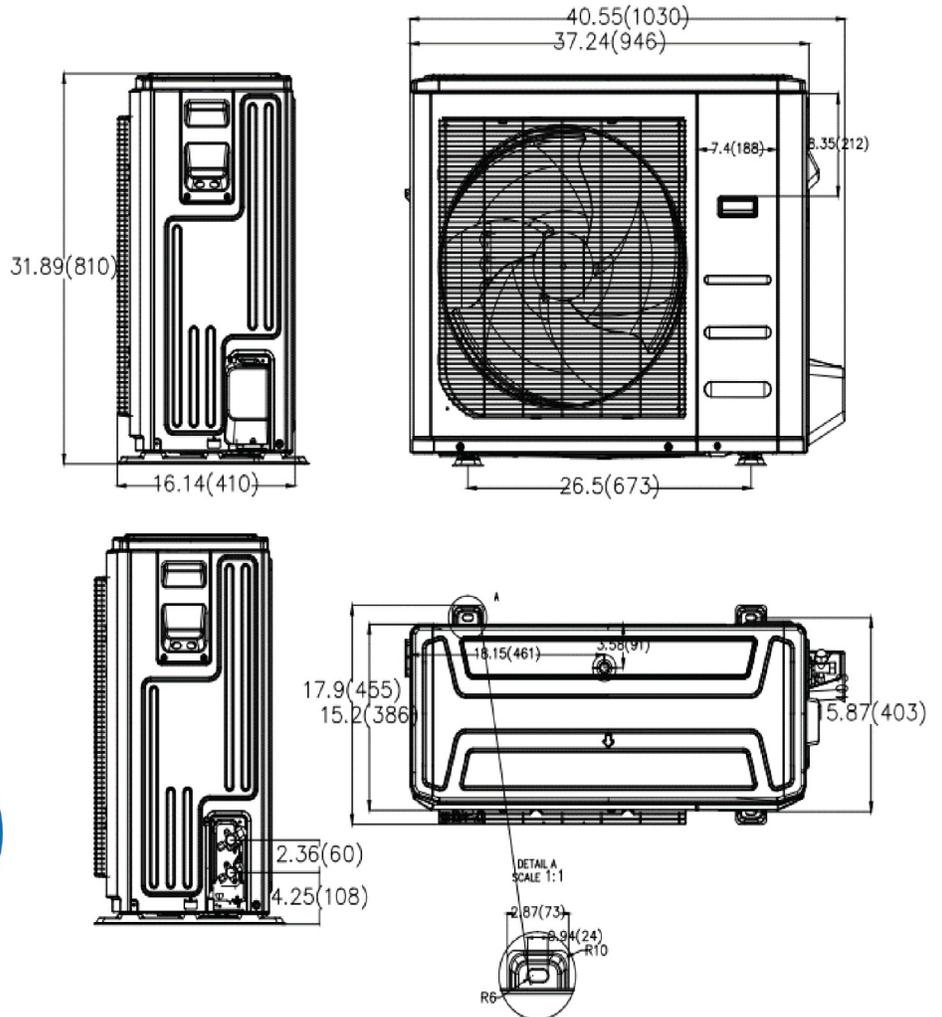
Accessories	Line sets – insulated and flared.	TCP24L15 TCP24L25 TCP24L50
Outdoor	Wall bracket	OWMB09-30K
Outdoor	Riser support	SD01B
Safety Certifications		UL
Warranty		2 YEARS PARTS, 6 YEARS COMPRESSOR



Capacity	Body Code	W (mm/inch)	D (mm/inch)	H (mm/inch)
6K-11K	A	729/28.7	200/7.87	292/11.5
8K-14K	B	802/31.57	200/7.87	295/11.61
12K-21K	C	971/38.23	228/8.98	321/12.64
18K-28K	D	1082/42.6	234/9.21	337/13.27
27K-36K	F	1259/49.57	283/11.14	362/14.25

GENERAL FEATURES:

- * Ultra-Quiet Operation
- * Random swing, airflow direction control
- * Self-Diagnostics, LCD display
- * Auto restart operation
- * Remote control include
- * Dehumidifier mode
- * Refrigerant leakage detect
- * Local service parts stock in BC, Canada



ARHI No.208121850