



Submittal Data

Submittal Data Model : **MAC-60HWDN1-MN0/MOE30U-60HFN1-MR0**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:



SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage (V, Ph, Hz)		208/230V,1Ph, 60Hz
Voltage Range (V)		187-253
Electrical		
Minimum circuit ampacity (A)		34.0
Max.fuse (A)		60.0
Connection wiring		14AWG*2 Stranded, shielded
Cooling		
Rated Capacity (Btu/h)		52000
Capacity Range (Btu/h)		52000(12700~55000)
Power Input (Max) (W)		5474(800~5758)
Rated current (A)		23.8(3.38~25.29)
SEER (Btu/W)		15
EER (Btu/W)		10
Heating at 47F		
Rated Capacity (Btu/h)		53000
Capacity Range (Btu/h)		53000(13000~58000)
Power Input (Max) (W)		5600
Rated current (A)		24.3
HSPF4 (Btu/W)		9.3
HSPF5 (Btu/W)		7.8
COP		2.8
Heating at 17F		
Max Capacity (Btu/h)		29000
REFRIGERANT PIPE DATA		
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/172.84
Refrigerant precharge (ft)		25.0
	(m)	7.6
Additional charge for each ft (oz/ft)		0.69
	(g/m)	65.0
Liquid side/ Gas side (inch)		3/8" / 7/8"
	(mm)	Φ9.52 / Φ22
Max. pipe length (ft)		213.3
	(m)	65.0
Max. difference in level (ft)		98.4
	(m)	30.0
Connection method		(Flared)
Indoor(cooling) (Deg. °F / °C)		62~90 / 17 ~ 32
Indoor(heating) (Deg. °F / °C)		32~86 / 0~30
Outdoor(cooling) (Deg. °F / °C)		5~122 / -15 ~ 50
Outdoor(heating) (Deg. °F / °C)		5~75 / -15~24

INDOOR UNIT DATA		
Indoor fan motor		
Type		---
Model		---
Qty		---
Input (W)		---
RLA (A)		---
LRA (A)		---
Winding Resistance (Ω)		---
Capacitor (uF)		---
Speed(Hi/Mi/Lo) (r/min)		---
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (CFM)		1117.65/1117
Indoor noise level (Hi/Med/Lo) [dB(A)]		1900/0/0
Dehumidification (Pint/H)		

Indoor unit		
Dimension (WxDxH) (inch)		24.49x20.98x27.99
	(mm)	622x533x711
Packing(WxDxH) (inch)		27.17x25.59x29.33
	(mm)	690x650x745
Net/Gross weight (lbs.)		82.45/94.80
	(kg)	37.4/43
OUTDOOR UNIT DATA		
Compressor		
Type		KTQ420D1UMU
Model		ROTARY
Brand		GMCC
Capacity (Btu/h)		46744.4
Input (W)		3700
Rated current (RLA) (A)		-
Refrigerant oil/oil charge (ml)		VG74/1400
Throttle		电子膨胀阀(EXV)
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input (W)		-
RLA (A)		2.40
Speed (r/min)		900/850/650
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		4411.8
Outdoor noise level [dB(A)]		65.0
Outdoor unit		
Dimension (WxDxH) (inch)		37.48x16.34x52.48
	(mm)	952x415x1333
Packing (WxDxH) (inch)		43.11x19.49x58.27
	(mm)	1095x495x1480
Net/ Gross weight (lbs.)		217.15/248.46
	(kg)	98.5/112.7

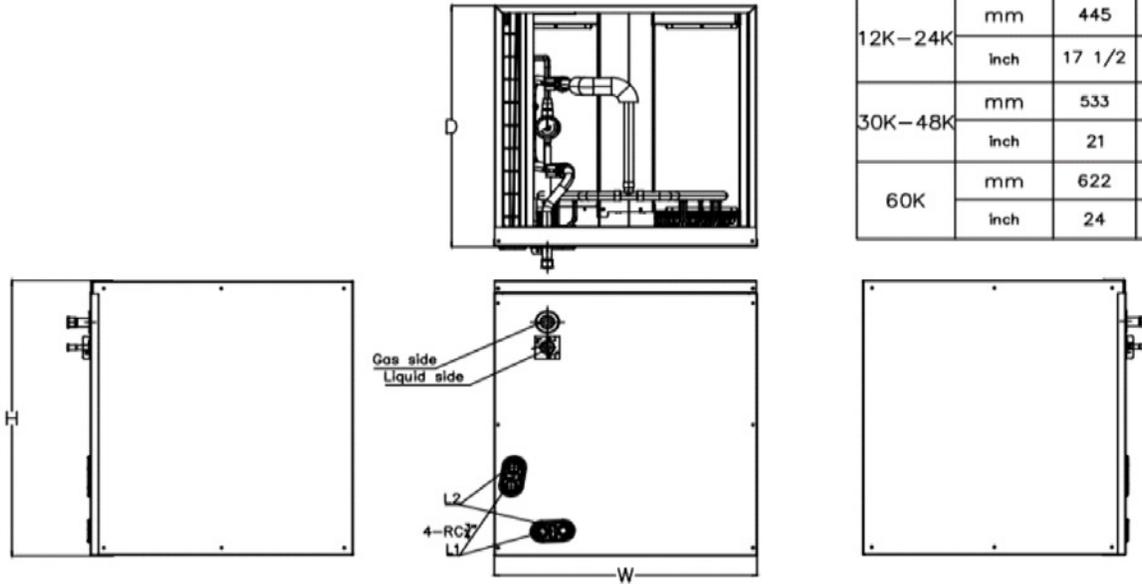
Set Code 22023110000769
Indoor unit code 22023111000491
Outdoor unit code 22023116000083

Set Model
Indoor unit model
MAC-60HWDN1-MN0

Outdoor unit model
MOE30U-60HFN1-MR0

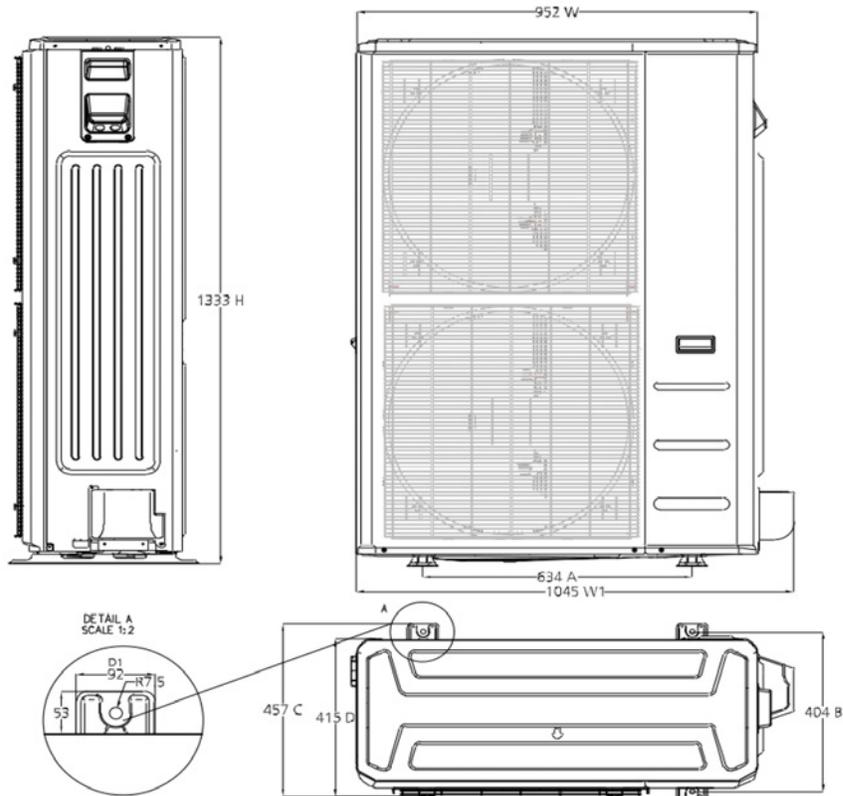


Indoor unit dimension



Model	Unit	Dimensions (mm)			Drain hole	
		W	D	H	L1	L2
12K-24K	mm	445	533	457	Main drain hole	Overflow drain hole
	inch	17 1/2	21	18		
30K-48K	mm	533	533	609		
	inch	21	21	24		
60K	mm	622	533	711		
	inch	24	21	28		

Outdoor unit dimension



No.209270318