



Submittal Data

Submittal Data Model : **MAC-48HWDN1-MN0/MOE30U-48HFN1-M-[X1]**

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)		42.0
Max.fuse	(A)		50.0
Connection wiring		14AWG*2 Stranded, shielded	
Cooling			
Rated Capacity	(Btu/h)		46000
Capacity Range	(Btu/h)	46000(18000~48000)	
Power Input (Max)	(W)		5200(1200~5700)
Rated current	(A)		24.2(6.2~25.3)
SEER	(Btu/W)		14
EER	(Btu/W)		9

Heating at 47F			
Rated Capacity	(Btu/h)		51000
Capacity Range	(Btu/h)	51000(20000~55000)	
Power Input (Max)	(W)		5050
Rated current	(A)		21.5
HSPF4	(Btu/W)		10.0
HSPF5	(Btu/W)		8.3
COP	W/W		3.0
Heating at 17F			
Max Capacity	(Btu/h)		32000

REFRIGERANT PIPE DATA			
Design pressure	(PSIG)		550/340
Refrigerant Type	(Oz)	R410A/169.31	
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" / 3/4"	
	(mm)	φ9.52 / φ19	
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)		1029.41/111
Indoor noise level (Hi/Med/Lo)	[dB(A)]		1750/0/0
Dehumidification			
	(Pint/H)		---
Indoor unit			
Dimension (WxDxH)	(inch)	20.98x20.98x23.98	
	(mm)	533x533x609	
Packing(WxDxH)	(inch)	23.43x25.59x25.39	
	(mm)	595x650x645	
Net/Gross weight	(lbs.)	65.26/76.28	
	(kg)	29.6/34.6	

OUTDOOR UNIT DATA			
Compressor			
Type		EAPQ420D1UMUA	
Model		ROTARY	
Brand		GMCC	
Capacity	(Btu/h)	44014.8	
Input	(W)	3565	
Rated current (RLA)	(A)	-	
Refrigerant oil/oil charge	(ml)	L VG74 或同等品1460±15ml	
Throttle		电子膨胀阀(EXV)	
Outdoor fan motor			
Model		ZKFN-85-8-22-5	
Qty		2	
Input	(W)	--	
RLA	(A)	1.20	
Speed	(r/min)	850/750/650	
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)	4411.8	
Outdoor noise level	[dB(A)]	64.0	
Outdoor unit			
Dimension (W×D×H)	(inch)	37.48x16.34x52.48	
	(mm)	952x415x1333	
Packing (W×D×H)	(inch)	43.11x19.49x58.27	
	(mm)	1095x495x1480	
Net/ Gross weight	(lbs.)	220.24/248.90	
	(kg)	99.9/112.9	

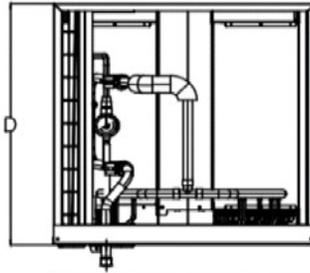
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 Indoor unit code 2202311000492
 Outdoor unit code 22023116000141

Set Model
 Indoor unit model
 MAC-48HWDN1-MN0

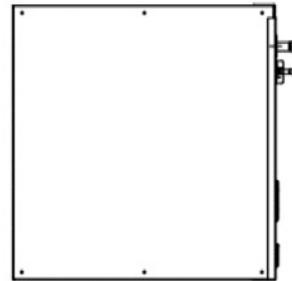
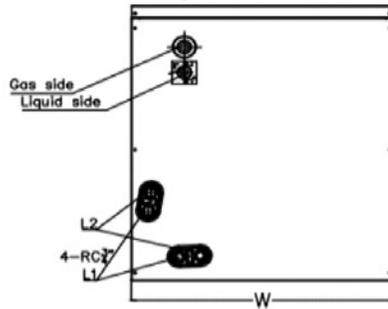
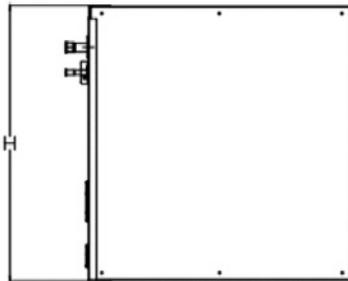
Outdoor unit model
 MOE30U-48HFN1-M-[X1]



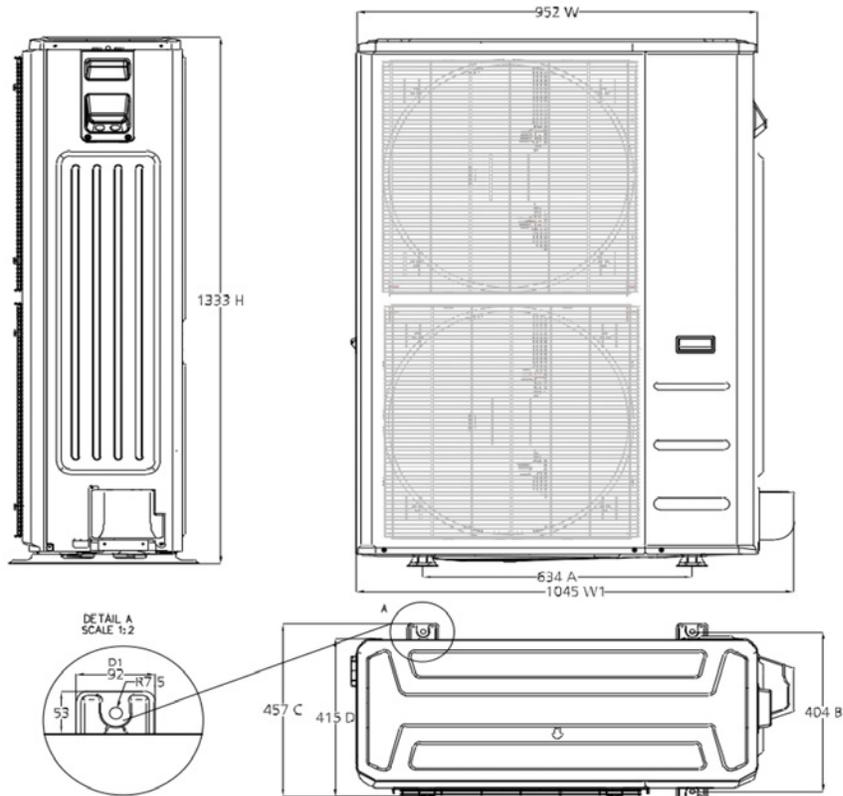
Indoor unit dimension



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.209270323