



Submittal Data

Submittal Data Model : **MAC-36HWDN1-MN0/MOD30U-36HFN1-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)	24.0	
Max.fuse	(A)	40.0	
Connection wiring	14AWG*2 Stranded, shielded		
Cooling			
Rated Capacity	(Btu/h)	36000	
Capacity Range	(Btu/h)	36000(8000~38000)	
Power Input (Max)	(W)	3550(700~4150)	
Rated current	(A)	14.5(3~18)	
SEER	(Btu/W)	14	
EER	(Btu/W)	10	
Heating at 47F			
Rated Capacity	(Btu/h)	36000	
Capacity Range	(Btu/h)	36000(8000~36000)	
Power Input (Max)	(W)	3100	
Rated current	(A)	13.5	
HSPF4	(Btu/W)	9.2	
HSPF5	(Btu/W)	7.5	
COP	W/W	3.4	
Heating at 17F			
Max Capacity	(Btu/h)	23000	
REFRIGERANT PIPE DATA			
Design pressure	(PSIG)	550/340	
Refrigerant Type	(Oz)	R410A/130.51	
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	

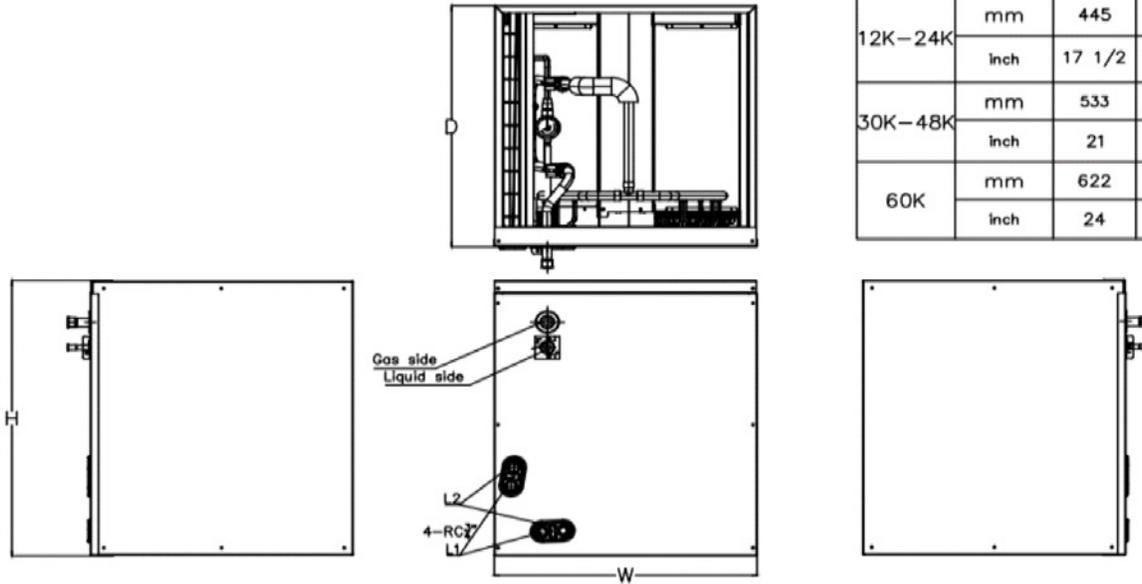
INDOOR UNIT DATA			
Indoor fan motor			
Type	---		
Model	---		
Qty	---		
Input	(W)	---	
RLA	(A)	---	
LRA	(A)	---	
Winding Resistance	(Ω)	---	
Capacitor	(uF)	---	
Speed(Hi/Mi/Lo)	(r/min)	---	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo)	(CFM)	882.35/III	
Indoor noise level (Hi/Med/Lo)	[dB(A)]	1500/0/0	
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.)	64.37/75.40	
	(kg)	29.2/34.2	
OUTDOOR UNIT DATA			
Compressor			
Type	KTF250D22UMT		
Model	ROTARY		
Brand	GMCC		
Capacity	(Btu/h)	27620.1	
Input	(W)	2200	
Rated current (RLA)	(A)	-	
Refrigerant oil/oil charge	(ml)	VG74/670	
Throttle	电子膨胀阀(EXV)		
Outdoor fan motor			
Model	ZKFN-120-8-2		
Qty	1		
Input	(W)	-	
RLA	(A)	1.48	
Speed	(r/min)	1150/1050/900/850	
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)	2235.3	
Outdoor noise level	[dB(A)]	61.5	
Outdoor unit			
Dimension (W×D×H)	(inch)	37.24x16.14x31.89	
	(mm)	946x410x810	
Packing (W×D×H)	(inch)	42.91x19.69x34.84	
	(mm)	1090x500x885	
Net/ Gross weight	(lbs.)	151.68/161.16	
	(kg)	68.8/73.1	

Set Code 22023110000788
Indoor unit code 22023111000493
Outdoor unit code 22023116000082

Set Model
Indoor unit model
MAC-36HWDN1-MN0
Outdoor unit model
MOD30U-36HFN1-MR0

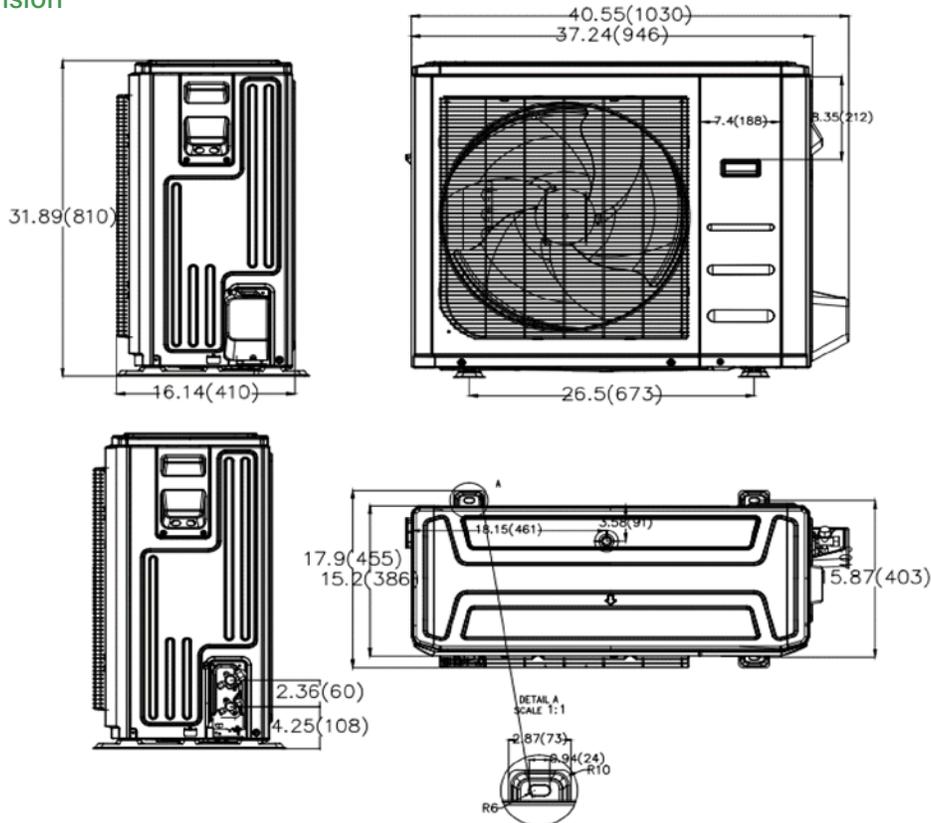


Indoor unit dimension



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.209270316