



## Submittal Data

Submittal Data Model : **MAC-24HWDN1-MN0 / MOD30-24HFN1-MW**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:



SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	20.5
Max fuse	(A)	35
Connection wiring		14AWG*2 Stranded, shielded
<b>Cooling</b>		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	6400~27000
Power Input	(W)	1920
Rated current	(A)	9.40
SEER	(Btu/W)	20
EER	(Btu/W)	12.50
<b>Heating at 47F</b>		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	10100~31000
Power Input	(W)	2040
Rated current	(A)	9.13
HSPF4	(Btu/W)	12
HSPF5	(Btu/W)	10
COP	(W/W)	3.45
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/74.08
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)	164.0
	(m)	50.0
Max. difference in level	(ft)	82.0
	(m)	25.0
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		
<b>Indoor fan motor</b>		
Type		---
Model		---
Qty		---
Input	(W)	---
RLA	(A)	---
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	---
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo)	(CFM)	705.88/III
Indoor noise level (Hi/Med/Lo)	[dB(A)]	1200/0/0
<b>Dehumidification</b>		
	(Pint/H)	---
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	17.52x20.98x17.99
	(mm)	445x533x457
Packing(WxDxH)	(inch)	19.88x25.59x19.29
	(mm)	505x650x490
Net/Gross weight	(lbs.)	42.77/52.03
	(kg)	19.4/23.6

OUTDOOR UNIT DATA		
<b>Compressor</b>		
Type		Twin-ROTARY
Model		KTM240D57UMT
Brand		GMCC
Capacity	(Btu/h)	24686
Input	(W)	1945
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/670
<b>Outdoor fan motor</b>		
Model		ZKFN-120-8-2
Qty		1
Input	(W)	150.0
RLA	(A)	---
Speed	(r/min)	950/700/500/400
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	3000.00
Outdoor noise level	[dB(A)]	54
<b>Outdoor unit</b>		
Dimension (WxDxH)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (WxDxH)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	136.69/145.50
	(kg)	62/66

Set Model

Indoor unit model

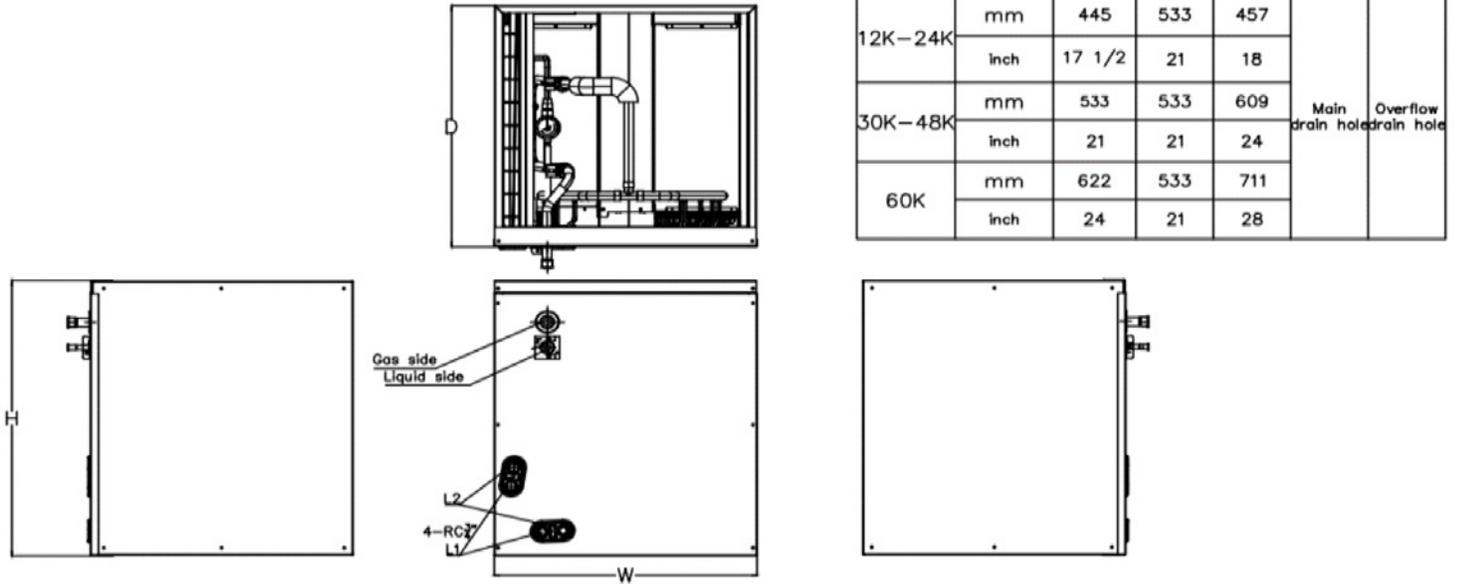
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Outdoor unit model

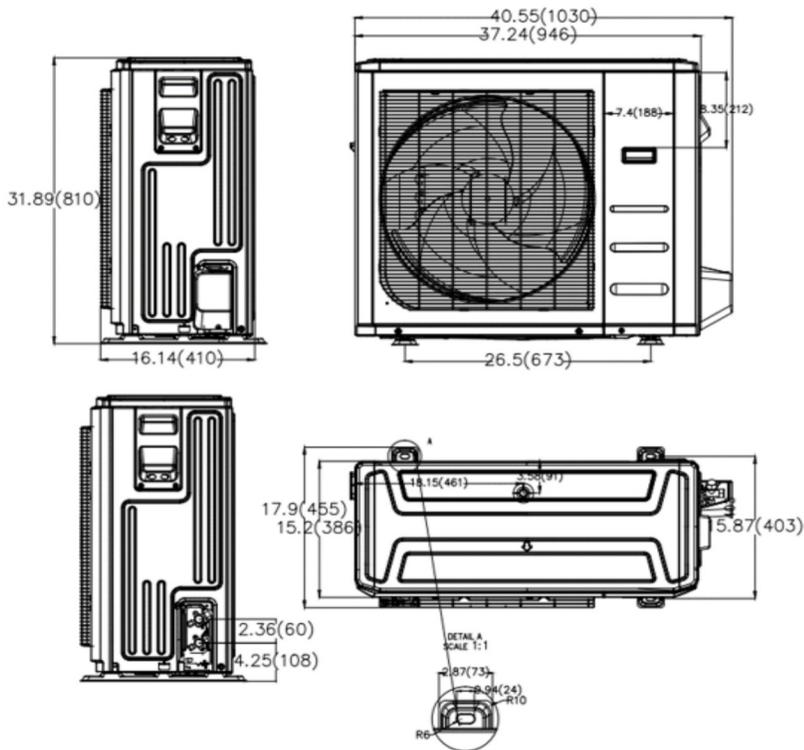
MOD30-24HFN1-MW



## Indoor unit dimension



## Outdoor unit dimension



No. 209270320