



Submittal Data

Submittal Data Model : **MAC-24HWDN1-MN0/MOX430U-24HFN1-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)	19.0	
Max.fuse (A)	30.0	
Connection wiring	14AWG*2 Stranded, shielded	
Cooling		
Rated Capacity (Btu/h)	24000	
Capacity Range (Btu/h)	24000(10400~28200)	
Power Input (Max) (W)	2526(635~2938)	
Rated current (A)	11(2.57~11.69)	
SEER (Btu/W)	15	
EER (Btu/W)	10	
Heating at 47F		
Rated Capacity (Btu/h)	25000	
Capacity Range (Btu/h)	25000(7800~30900)	
Power Input (Max) (W)	2143	
Rated current (A)	8.8	
HSPF4 (Btu/W)	10.0	
HSPF5 (Btu/W)	8.5	
COP	3.4	
Heating at 17F		
Max Capacity (Btu/h)	20000	
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		
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)		705.88/111
Indoor noise level (Hi/Med/Lo) [dB(A)]		1200/0/0
Dehumidification (Pint/H)		

Indoor unit		
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		
Compressor		
Type		KTM240D57UMT
Model		Twin-ROTARY
Brand		GMCC
Capacity (Btu/h)		26408.9
Input (W)		2085
Rated current (RLA) (A)		-
Refrigerant oil/oil charge (ml)		ESTER OIL VG74 670
Throttle		电子膨胀阀(EXV)
Outdoor fan motor		
Model		ZKFN-80-8-3
Qty		1
Input (W)		-
RLA (A)		1.00
Speed (r/min)		810/720
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		1764.7
Outdoor noise level [dB(A)]		61.5
Outdoor unit		
Dimension (WxDxH) (inch)		35.04x13.46x26.50
	(mm)	890x342x673
Packing (WxDxH) (inch)		39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight (lbs.)		102.29/109.13
	(kg)	46.4/49.5

Set Code 22023110000768
Indoor unit code 22023111000510
Outdoor unit code 22023116000081

Set Model

Indoor unit model

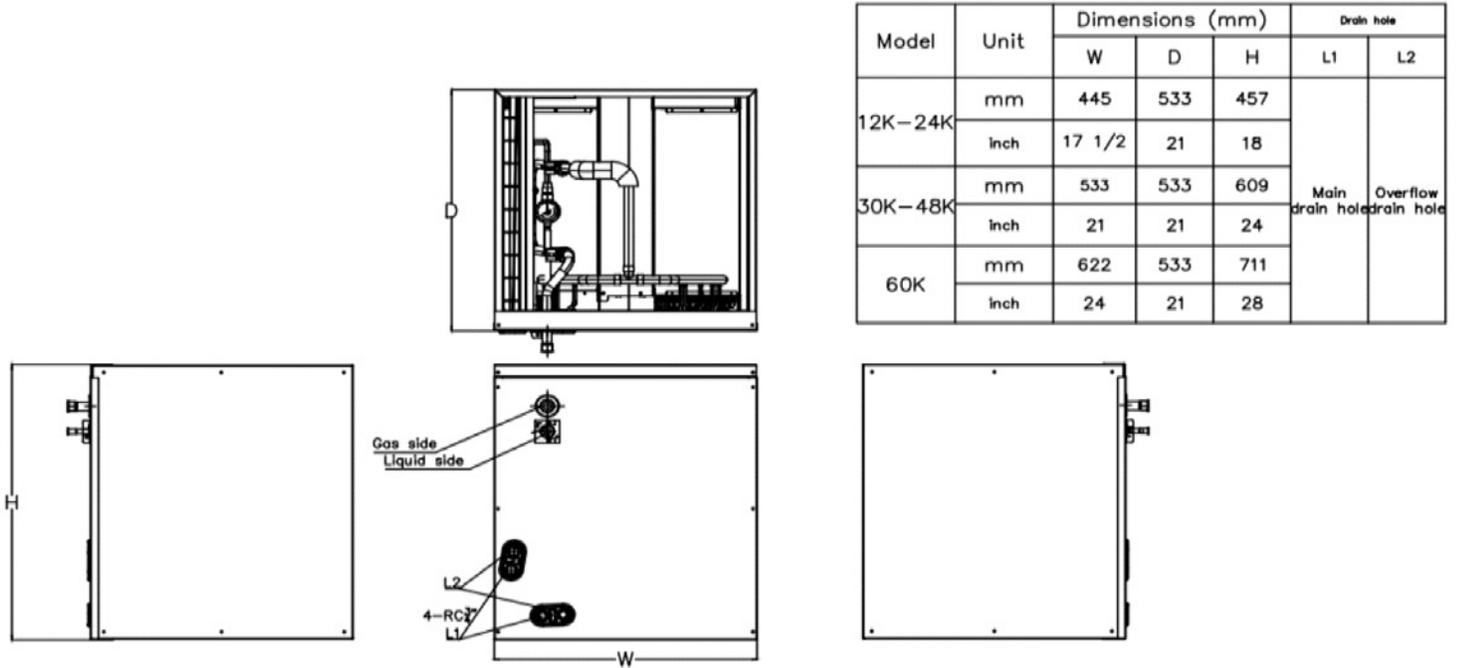
MAC-24HWDN1-MN0

Outdoor unit model

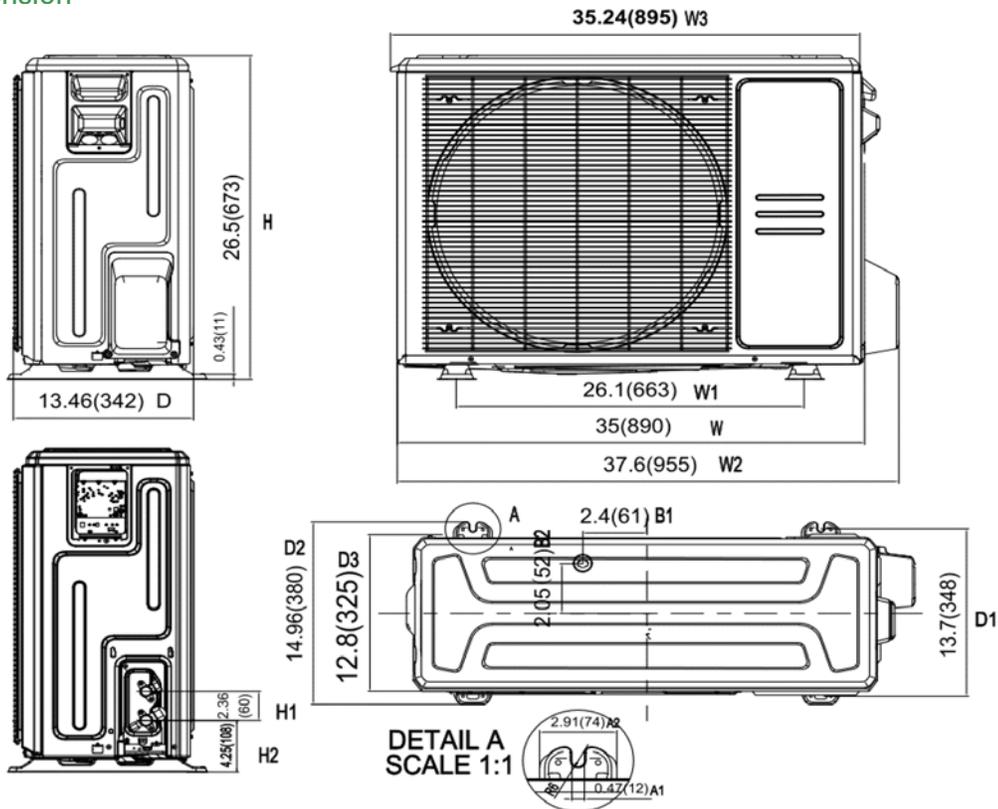
MOX430U-24HFN1-MR0



Indoor unit dimension



Outdoor unit dimension



No.209270314