



Submittal Data

Submittal Data Model : MAC-36HWDN1-MN0 / MOE31U-36HFN1-M

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:



SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational V (V, Ph, Hz)		208/230, 1, 60
Voltage Range (V)		187-253
Electrical		
Minimum circuit ampa (A)		41
Max. fuse (A)		50
Connection wiring		14AWG*2 Stranded, shielded
Cooling		
Rated Capacity (Btu/h)		36000
Capacity Range (Btu/h)		12000-47400
Power Input (W)		3300
Rated current (A)		14.8
SEER (Btu/W)		18
EER (Btu/W)		10.5
Heating at 47F		
Rated Capacity (Btu/h)		40000
Capacity Range (Btu/h)		9000-57200
Power Input (W)		3400
Rated current (A)		14.8
HSPF4 (Btu/W)		10.5
HSPF5 (Btu/W)		8.5
COP w/w		3.45
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)		882.35/1111
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		ROTARY
Model		EAPQ420D1UMUA
Brand		GMCC
Capacity (Btu/h)		44015
Input (W)		3565
Rated current (RLA) (A)		-
Refrigerant oil/oil char (ml)		15ml ESTER OIL VG74
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input (W)		126.0
RLA (A)		---
Speed (r/min)		850/750/650
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		4500.00
Outdoor noise level [dB(A)]		51
Outdoor unit		
Dimension (WxDxH) (inch)		37.48x16.34x52.48
		(mm) 952x415x1333
Packing (WxDxH) (inch)		43.11x19.49x58.27
		(mm) 1095x495x1480
Net/ Gross weight (lbs.)		227.07/255.73
		(kg) 103/116

Set Model

Indoor unit model

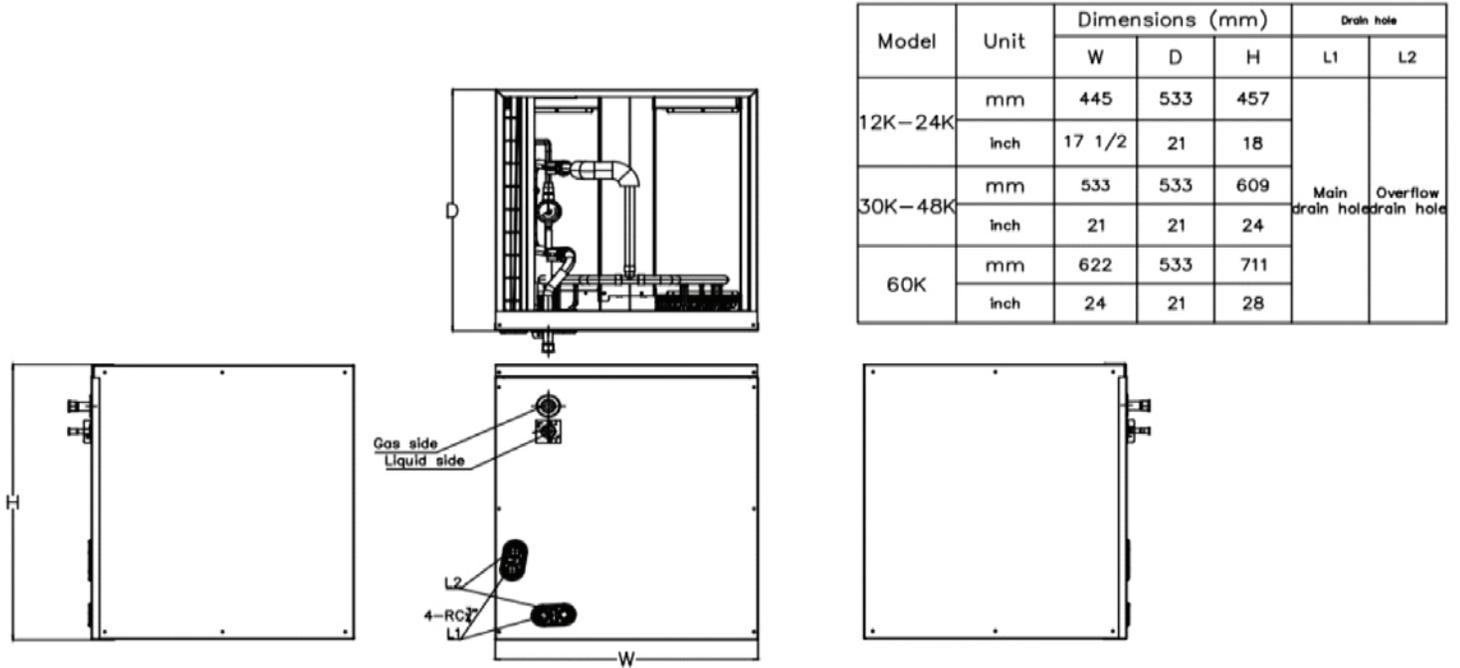
MAC-36HWDN1-MN0

Outdoor unit model

MOE31U-36HFN1-M



Indoor unit dimension



Outdoor unit dimension

