



Submittal Data

Submittal Data Model : **MAC-36HWDN1-MN0 / MOX630-36HFN1-M3X**

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)		30
Max.fuse	(A)		35
Connection wiring		14AWG*2 Stranded, shielded	
Cooling			
Rated Capacity	(Btu/h)		35000
Capacity Range	(Btu/h)	35000	(14000~38000)
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)		3360(730~4540)
Rated current	(A)		14.61(3.17~19.7)
HSPF4	(Btu/W)		9.5
HSPF5	(Btu/W)		8
COP	W/W		3.40
Heating at 17F			
Max Capacity	(Btu/h)		31800
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			ROTARY
Model			EAPQ420D1UMUA
Brand			GMCC
Capacity	(Btu/h)		44015
Input	(W)		3565 ±3%
Rated current (RLA)	(A)		21.5
Refrigerant oil/oil charge	(ml)		1460±15mlESTER OIL VG74
Outdoor fan motor			
Model			ZKFN-250-10-1
Qty			1.00
Input	(W)		/
Output	(W)		/
RLA	(A)		2.5
Speed	(r/min)		850/800/750/650/550
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)		3035.29
Outdoor noise level	[dB(A)]		65
Outdoor unit			
Dimension (WxDxH)	(inch)	38.58x14.76x38.39	
	(mm)	980x375x975	
Packing (WxDxH)	(inch)	45.08x19.69x42.52	
	(mm)	1145x500x1080	
Net/ Gross weight	(lbs.)	203.71/234.57	
	(kg)	92.4/106.4	
Accessories			
Adaptor for welding(3/4")	Qty		1
Adaptor for welding(3/8")	Qty		1

Set Model

Indoor unit model

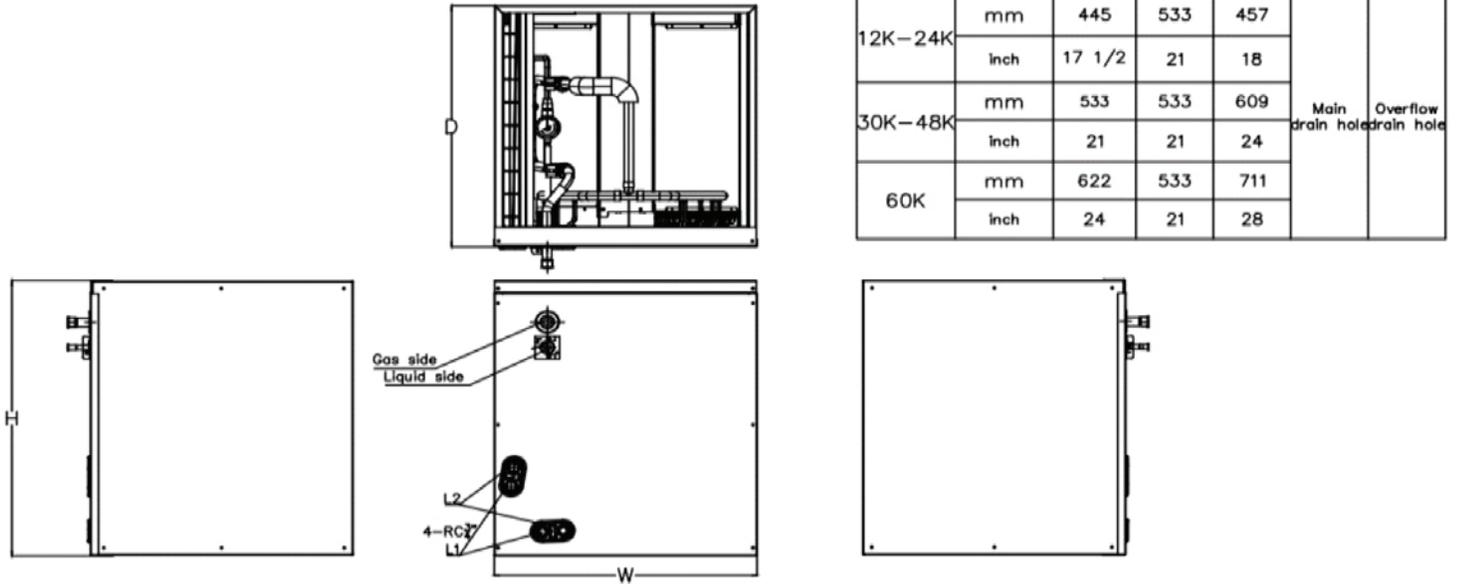
MAC-36HWDN1-MN0

Outdoor unit model

MOX630-36HFN1-M3X

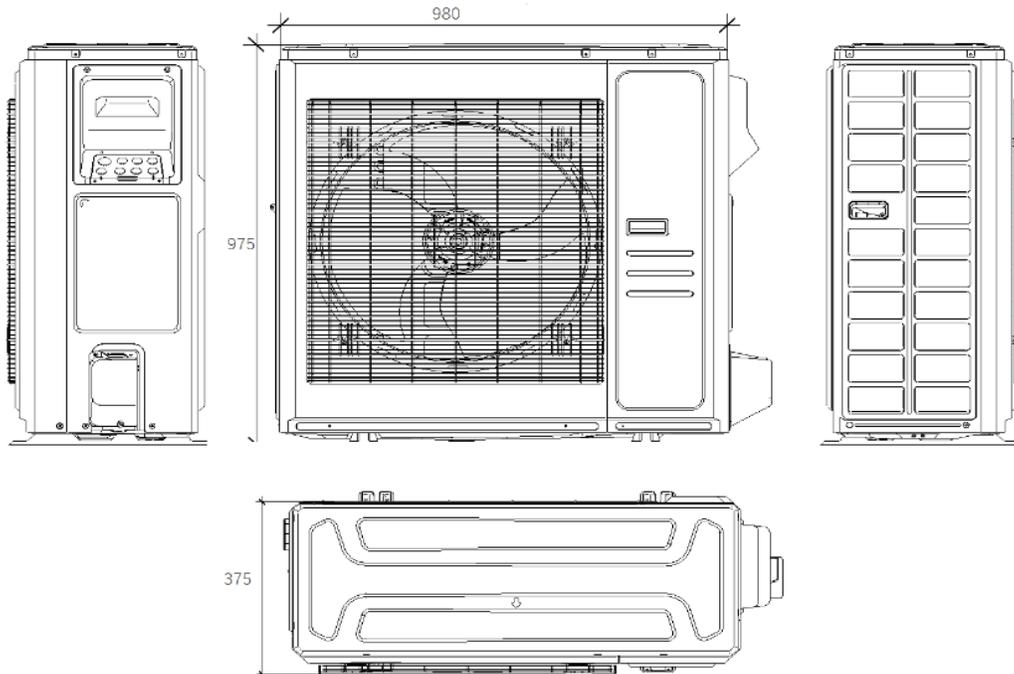


Indoor unit dimension



Outdoor unit dimension

Outdoor unit dimension



No. 213386482