



## Submittal Data

Submittal Data Model : **MVB-36B23T4N1 / MOX630-36HFN1-M3X**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted

For:

Review:

Approval:

to:



SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	30
Max.fuse	(A)	35
Connection wiring		14AWG*2 Stranded, shielded
<b>Cooling</b>		
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
<b>Heating at 47F</b>		
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
<b>Heating at 17F</b>		
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		
<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)	882.35////
Indoor noise level (Hi/Med/Lo)	[dB(A)]	1500/0/0
Dehumidification	(Pint/H)	---
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	17.52x20.98x23.58
	(mm)	445x533x599
Packing(WxDxH)	(inch)	20.47x26.18x25.39
	(mm)	520x665x645
Net/Gross weight	(lbs.)	60.19/69.00
	(kg)	27.3/31.3
OUTDOOR UNIT DATA		
<b>Compressor</b>		
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
<b>Outdoor fan motor</b>		
Model		ZKFN-250-10-1
Qty		1.00
Input	(W)	/
Output	(W)	/
RLA	(A)	2.5
Speed	(r/min)	850/800/750/650/550
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	3035.29
Outdoor noise level	[dB(A)]	65
<b>Outdoor unit</b>		
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
<b>Accessories</b>		
Adaptor for welding(3/4")	Qty	1
Adaptor for welding(3/8")	Qty	1

Set Model

Indoor unit model

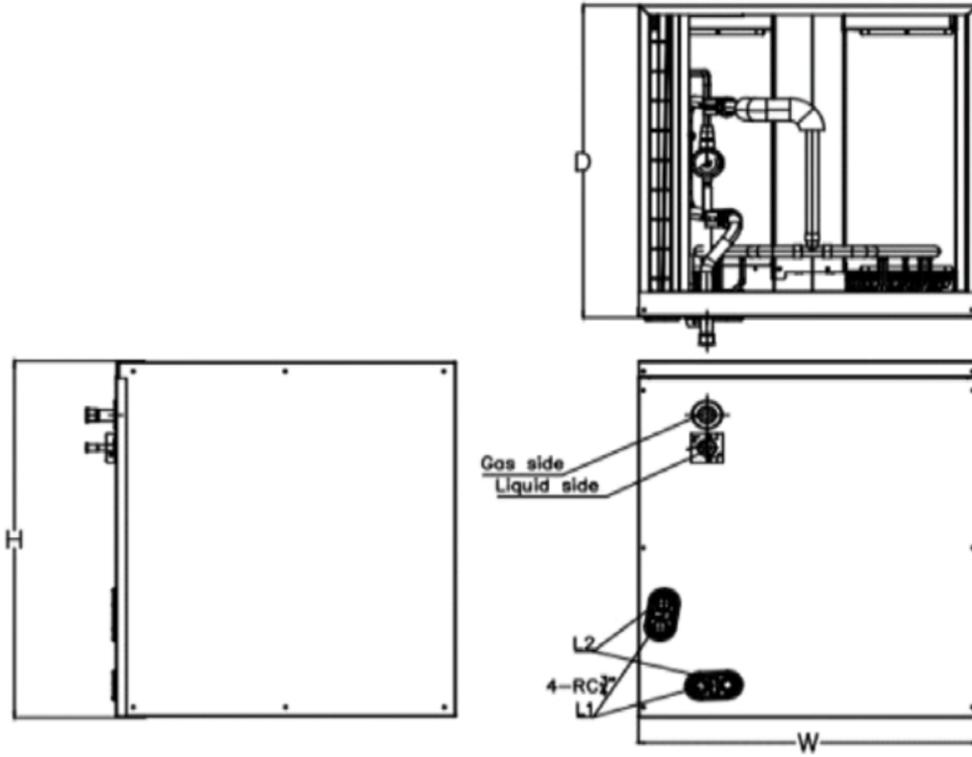
MVB-36B23T4N1

Outdoor unit model

MOX630-36HFN1-M3X



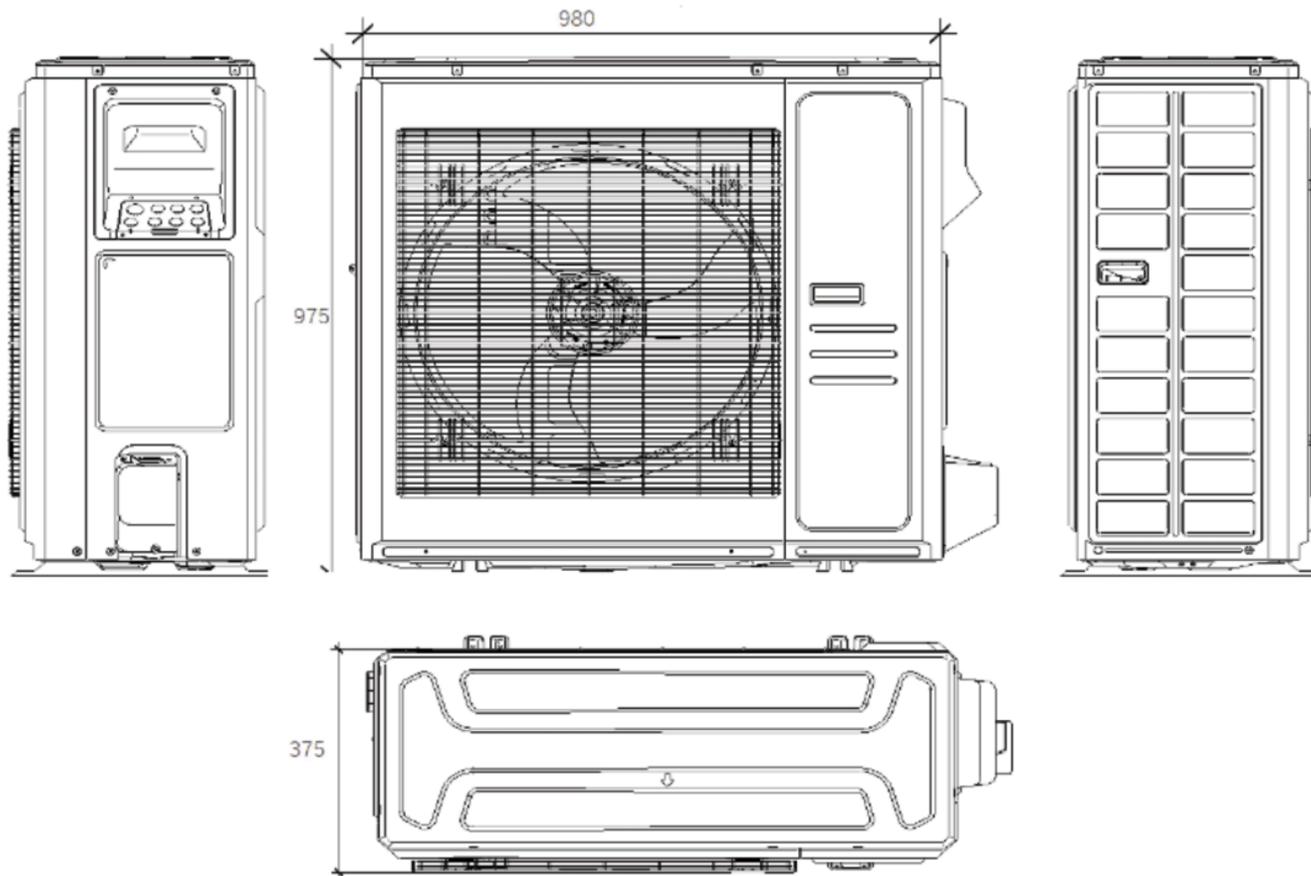
## Indoor unit dimension



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	445	533	599		
	inch	17.5	21.0	23.6		
60K	mm	622	533	711		
	inch	24	21	28		

## Outdoor unit dimension

Outdoor unit dimension



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