



Submittal Data

Submittal Data Model : **MSEPB-12HRFN1-MW5W(GA)/MOX330-12HFN1-MW5W**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

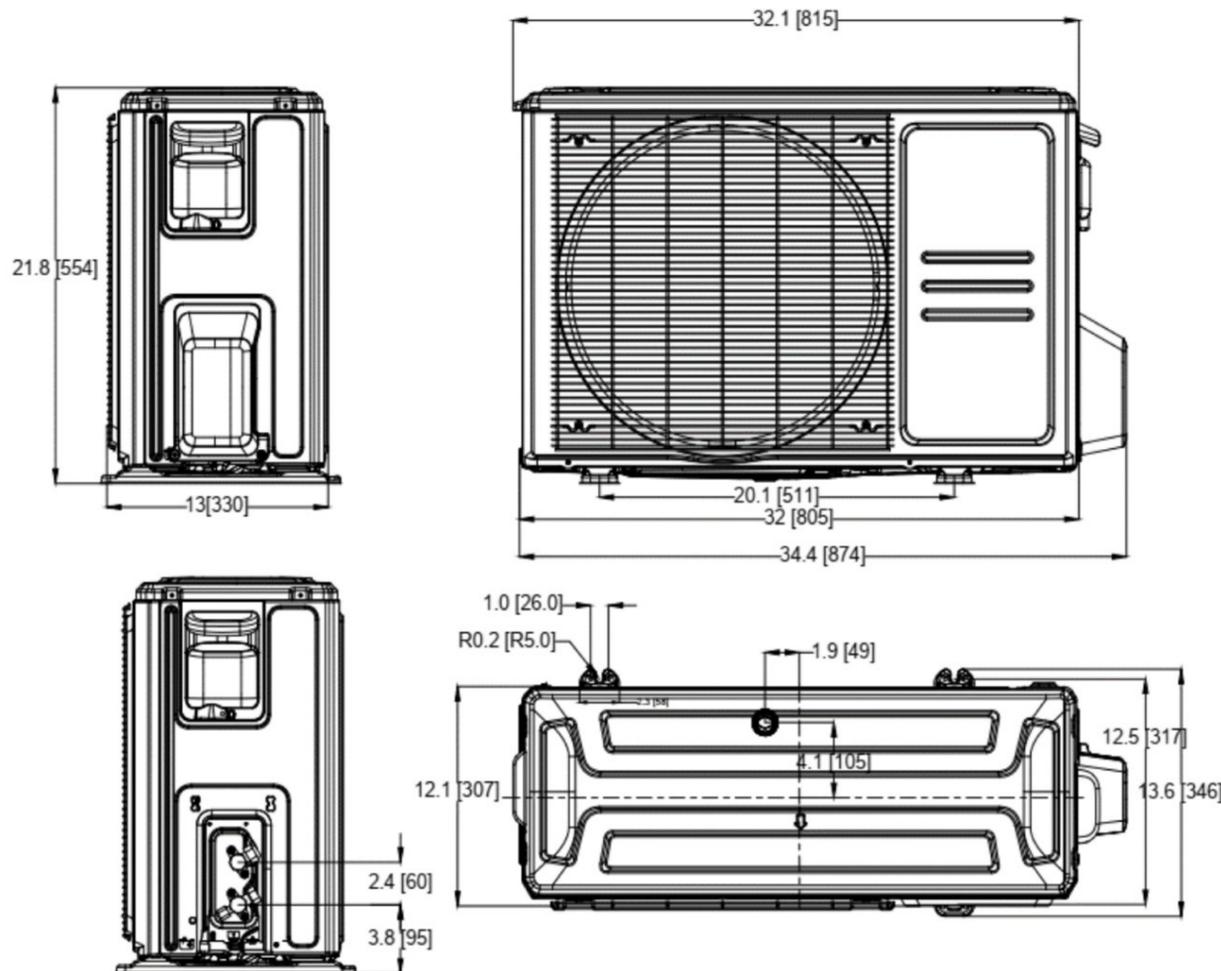
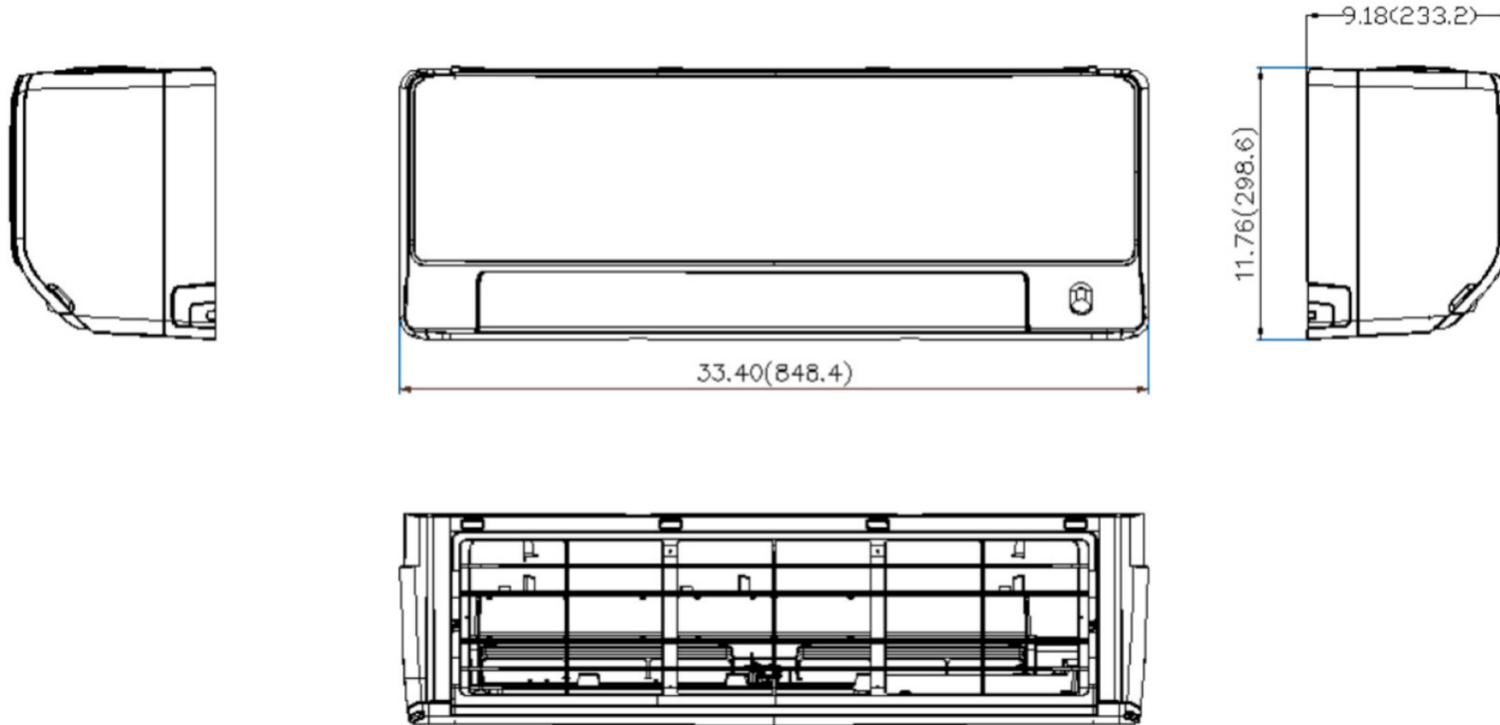
Approval:

SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230,1,60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	15.0
Max.fuse	(A)	15.0
Connection wiring		14*4 AWG
Cooling		
Rated Capacity	(Btu/h)	12000
Capacity Range	(Btu/h)	3300~14300
Powrer Input (Max)	(W)	857
Rated current	(A)	3.72
SEER	(Btu/W)	25.5
EER	(Btu/W)	14
Heating at 47F		
Rated Capacity	(Btu/h)	12000
Capacity Range	(Btu/h)	5000~15300
Powrer Input (Max)	(W)	907
Rated current	(A)	4.1
HSPF4	(Btu/W)	13
HSPF5	(Btu/W)	10.5
COP	W/W	3.88
Heating at 17F		
Max Capacity	(Btu/h)	12000
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/41.62
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.16
	(g/m)	15
Liquid side/ Gas side	(inch)	1/4" / 1/2"
	(mm)	6.35/12.7
Max. pipe length	(ft)	82.0
	(m)	25.0
Max. difference in level	(ft)	32.8
	(m)	10.0
Connection method		(Flared)
Indoor(cooling)	(Deg. °F/ °C)	60 ~ 90 / 16 ~ 32
Indoor(heating)	(Deg. °F/ °C)	32 ~ 86 / 0 ~ 30
Outdoor(cooling)	(Deg. °F/ °C)	-22~122 / -30 ~ 50
Outdoor(heating)	(Deg. °F/ °C)	-22~75 / -30 ~ 24

INDOOR UNIT DATA		
Indoor fan motor		
Type		Cross-Flow
Model		ZKFP-20-8-6-21
Qty		1
Input	(W)	50.0
RLA	(A)	0.25
LRA	(A)	--
Winding Resistance	(Ω)	--
Capacitor	(uF)	--
Speed(Hi/Mi/Lo)	(r/min)	1050/930/870
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) ((CFM)	335.29/229.41/176.47
Indoor noise level (Hi/Med/L	[dB(A)]	38/33.5/23.5
Dehumidification	(Pint/H)	--
Indoor unit		
Dimension (WxDxH)	(inch)	33.40x9.18x11.76
	(mm)	848.4x233.2x298.6
Packing(WxDxH)	(inch)	36.22x12.20x14.57
	(mm)	920x310x370
Net/Gross weight	(lbs.)	22.93/28.88
	(kg)	10.4/13.1
OUTDOOR UNIT DATA		
Compressor		
Type		KTN110D42UFZ
Model		DUAL ROTARY
Brand		GMCC
Capacity	(Btu/h)	11822.58
Input	(W)	885
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	-
Throttle		Capillary +EXV
Outdoor fan motor		
Model		ZKFN-34-10-1
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	850/680/450
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1323.50
Outdoor noise level	[dB(A)]	56
Outdoor unit		
Dimension (W×D×H)	(inch)	31.69x12.99x21.81
	(mm)	805x330x554
Packing (W×D×H)	(inch)	36.02x14.57x24.21
	(mm)	915x370x615
Net/ Gross weight	(lbs.)	73.63/79.37
	(kg)	33.4/36



Indoor unit dimension



Outdoor unit dimension

