



Submittal Data

Submittal Data Model : **MCBU-18HRFN1-MU2W / MOX430-17HFN1-MTOW**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:



Set Code 22022510004664
Indoor unit code 22022511003936
Outdoor unit code 22022016015900

Set Model
Indoor unit model
MCBU-18HRFN1-MU2W
Outdoor unit model
MOX430-17HFN1-MTOW

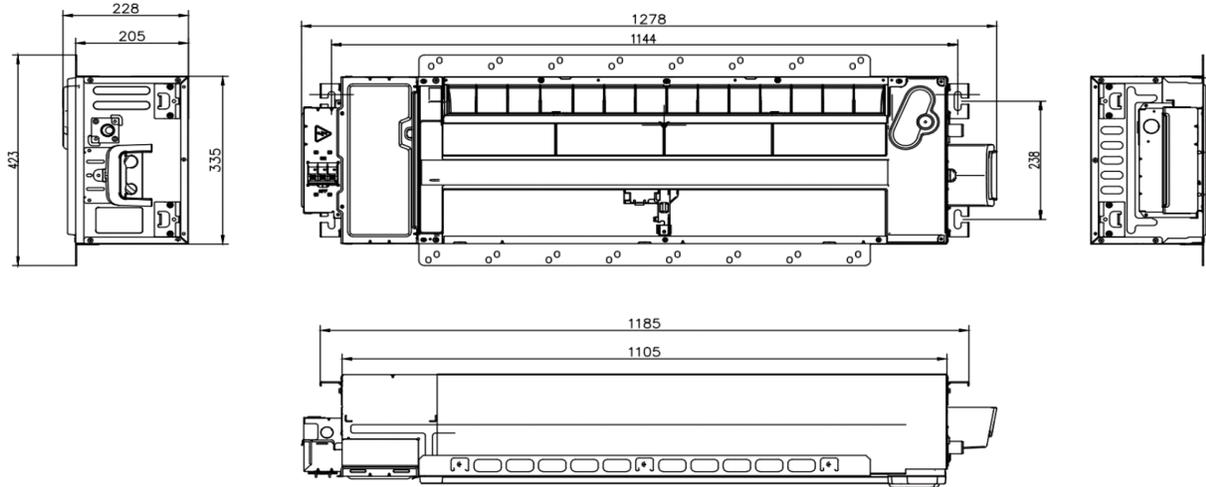
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	16.0
Max.fuse	(A)	25.0
Connection wiring		14*4 AWG
Cooling		
Rated Capacity	(Btu/h)	16700(6100~17500)
Capacity Range	(Btu/h)	16700(6100~17500)
Power Input	(W)	1337(305~1880)
Rated current	(A)	8.30(2.2~8.0)
SEER	(Btu/W)	19.8
EER	(Btu/W)	12.5
Heating		
Rated Capacity	(Btu/h)	20000(6450~21500)
Capacity Range	(Btu/h)	20000(6450~21500)
Power Input	(W)	2086(1000~2220)
Rated current	(A)	12.3(4.5~9.5)
HSPF4	(Btu/W)	11.8
HSPF5	(Btu/W)	10.0
COP	W/W	2.81
Heat at 17F	(Btu/h)	18800
Heat at 5F	(Btu/h)	18000
COP at 5F	W/W	1.8
REFRIGERANT PIPE DATA		
Throttle type	Indoor unit	N/A
	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/65.2ozs
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.16
Additional charge for each m	(g/m)	15.0
Liquid side/ Gas side(indoor)	(inch)	1/4" / 1/2"
	(mm)	6.35/12.7
Liquid side/ Gas side(outdoor)	(inch)	1/4" / 1/2"
	(mm)	6.35/12.7
Max. pipe length	(ft)	98.4
	(m)	30.0
Max. difference in level	(ft)	65.6
	(m)	20.0
Connection method		Flared
Indoor(cooling/heating)	(Deg. °F)	60 ~ 90/32 ~ 86
	(Deg. °C)	16 ~ 32 / 0 ~ 30
Outdoor(cooling/heating)	(Deg. °F)	-22~-122/ -22 ~ 75
	(Deg. °C)	-30 ~ 50/ -30 ~ 24

INDOOR UNIT DATA		
Indoor fan motor		
Type		Centrifugal
Model		ZKFN-30-8-43
Qty		1
Input	(W)	/
Output	(W)	30.0
RLA	(A)	1.5
Speed(Hi/Mi/Lo)	(r/min)	1344/1184/1024
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	351.76/300.00/207.06
Indoor noise level (Hi/Med/Lo)	[dB(A)]	44/40.5/35
Dehumidification		
	(Pin/H)	
Indoor unit		
Dimension (WxDxH)	(inch)	50.31x13.19x8.98
	(mm)	1278x335x228
Packing(WxDxH)	(inch)	57.60x22.48x22.64
	(mm)	1463x571x575
Net/Gross weight	(lbs.)	45.19/82.89
	(kg)	20.5/37.6

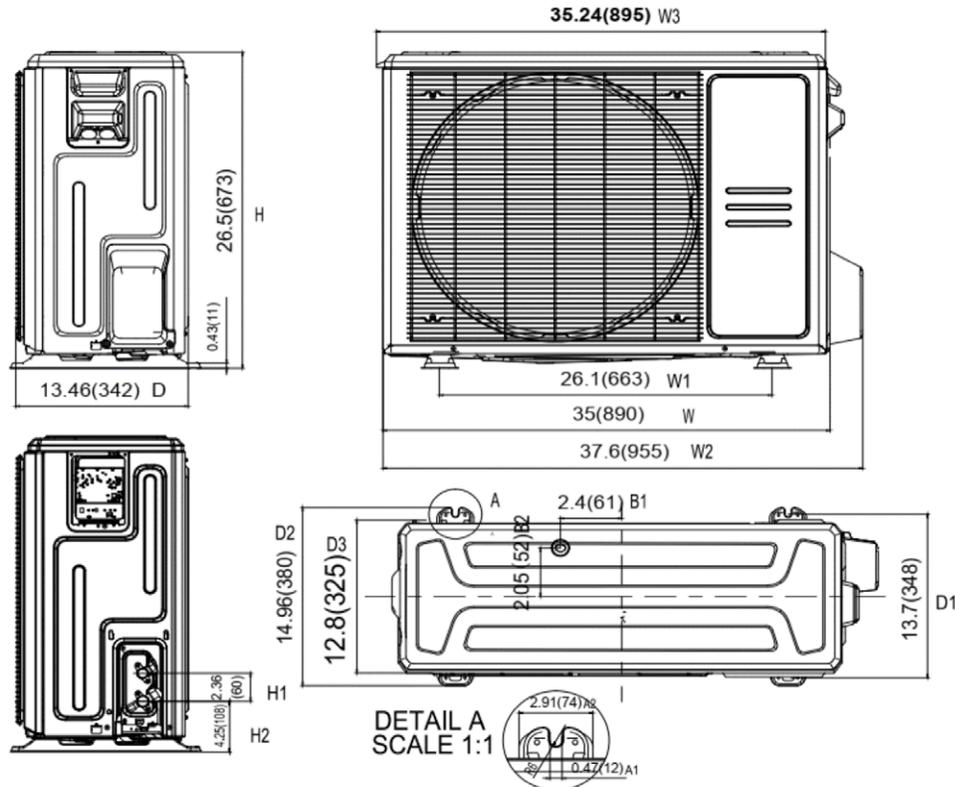
OUTDOOR UNIT DATA		
Compressor		
Type		Twin-ROTARY
Model		KTM240D43UKT
Brand		GMCC
Capacity	(Btu/h)	25931
Input	(W)	2045
Rated current (RLA)	(A)	14.25
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 620
Outdoor fan motor		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	/
Output	(W)	80
RLA	(A)	0.76
Speed	(r/min)	810/720
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1765
Outdoor noise level	[dB(A)]	3000
Outdoor unit		
Dimension (WxDxH)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (WxDxH)	(inch)	39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight	(lbs.)	100.97/108.03
	(kg)	45.8/49



Indoor unit dimension



Outdoor unit dimension



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