



Submittal Data

Submittal Data Model : **MSEPD-24HRFN1-MU0W/MOD30-24HFN1-MU0W**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:



Set Code 22022010015139
Indoor unit code 22022011016422
Outdoor unit code 22022016015920

Set Model
Indoor unit model
MSEPD-24HRFN1-MU0W
Outdoor unit model
MOD30-24HFN1-MU0W

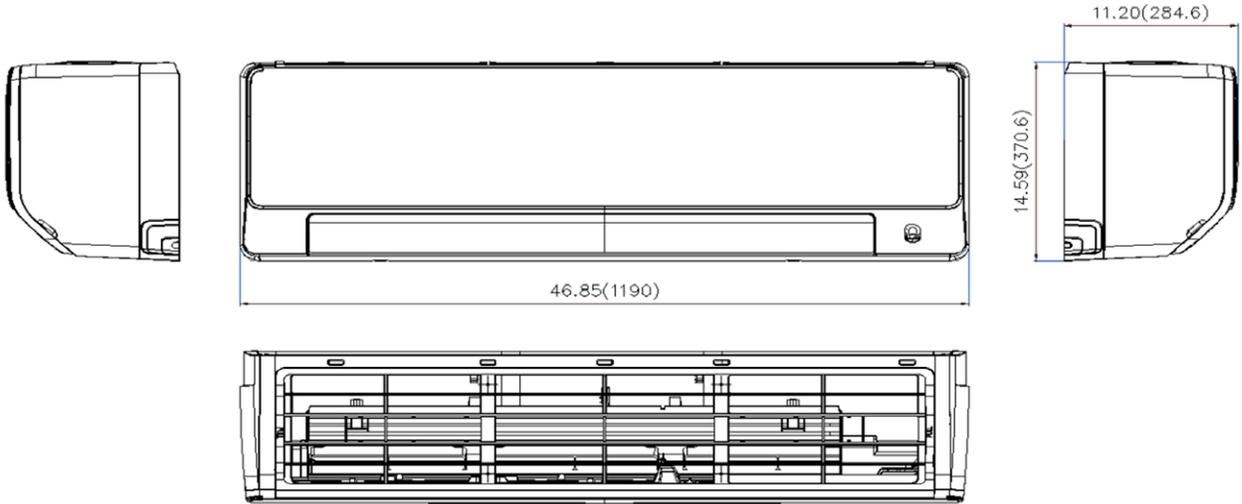
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage (V, Ph, Hz)		208/230,1,60
Voltage Range (V)		187-253
Electrical		
Minimum circuit ampacity (A)		25.0
Max.fuse (A)		35.0
Connection wiring		14*4 AWG
Cooling		
Rated Capacity (Btu/h)		24000
Capacity Range (Btu/h)		6850~27000
Power Input (Max) (W)		1845
Rated current (A)		8.1
SEER (Btu/W)		21.5
EER (Btu/W)		13
Heating at 47F		
Rated Capacity (Btu/h)		29000
Capacity Range (Btu/h)		11900~31000
Power Input (Max) (W)		2500
Rated current (A)		10.9
HSPF4 (Btu/W)		12
HSPF5 (Btu/W)		10
COP		3.40
Heating at 17F		
Max Capacity (Btu/h)		19800
REFRIGERANT PIPE DATA		
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/91.7
Refrigerant precharge (ft)		25.0
		7.6
Additional charge for each ft (oz/ft)		0.32
		30
Liquid side/ Gas side (inch)		3/8" / 5/8"
		9.52/15.9
Max. pipe length (ft)		164.0
		50.0
Max. difference in level (ft)		82.0
		25.0
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-58-8-1-6
Qty		1
Input (W)		58.0
RLA (A)		0.5
LRA (A)		---
Winding Resistance (Ω)		---
Capacitor (uF)		---
Speed(Hi/Mi/Lo) (r/min)		1000/850/700
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (Nc (CFM)		611.18/414.12/318.82
Indoor noise level (Hi/Med/Lo) [dB(A)]		46/39/34
Dehumidification (Pint/H)		

Indoor unit		
Dimension (WxDxH) (inch)		46.85x11.20x14.59
		1190x284.6x370.6
Packing(WxDxH) (inch)		50.39x14.17x17.91
		1280x360x455
Net/Gross weight (lbs.)		43.65/54.89
		19.8/24.9
		(kg)
OUTDOOR UNIT DATA		
Compressor		
Type		KTM240D43UKT
Model		DUAL ROTARY
Brand		GMCC
Capacity (Btu/h)		25932.276411772
Input (W)		2045
Rated current (RLA) (A)		-
Refrigerant oil/oil charge (ml)		-
Throttle		Capillary +EXV
Outdoor fan motor		
Model		ZKFN-120-8-2
Qty		1
Input (W)		-
RLA (A)		-
Speed (r/min)		1150/1050/900/850
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		2235.30
Outdoor noise level [dB(A)]		62
Outdoor unit		
Dimension (WxDxH) (inch)		37.24x16.14x31.89
		946x410x810
Packing (WxDxH) (inch)		42.91x19.69x34.84
		1090x500x885
Net/ Gross weight (lbs.)		134.48/144.40
		61/65.5
		(kg)



Indoor unit dimension



Outdoor unit dimension

