



## Submittal Data Sheet

<b>Project Name:</b>	
<b>Location:</b>	
<b>Engineer:</b>	
<b>Submitted to:</b>	
<b>Submitted by:</b>	
<b>Reference:</b>	

<b>Approval:</b>	
<b>Date:</b>	
<b>Construction:</b>	
<b>Unit #:</b>	
<b>Drawing #:</b>	

Indoor code	22023011003414
Outdoor code	22022016005141
Indoor model	MTIU-24HWFN1-M
Outdoor model	MOD01-23HFN1-MTOW
MAC Indoor model	MEU-24MPH2
MAC Outdoor model	MCHSU-24PHH2



### PERFORMANCE DATA

<b>Power supply</b>	Ph-V-Hz	208-230-1-60
<b>Cooling</b>		
Capacity	Btu/h	24000
Input	W	1920
Rated current	A	8.3
EER	Btu/W	12.5
SEER	Btu/W	20.5
<b>Heating</b>		
Capacity	Btu/h	24000
Input	W	1846
HSPF4	Btu/W	12.5
HSPF5	Btu/W	10.6
heating at 5 F (-15°C)	Btu/h	24000
MINIMUM CIRCUIT AMPACITY	A	20
MAX.FUSE	A	30
Moisture Removal	L/h	----
Starting current	A	----
Rated current(RLA)	A	14
Locked rotor Amp(LRA)	A	----
Thermal protector		----
Thermal protector position		EXTERNAL
Capacitor	uF	----
Refrigerant oil	ml	POE(VG74)/670
<b>Connection wiring</b>		14#
Thermostat type		Wire controller
<b>Operation temperature</b>		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	-22~-122/ -22~86

### INDOOR UNIT DATA

<b>Indoor fan motor</b>		
RLA	A	1.5
LRA	A	/
Winding Resistance	Ω	880/820/690
Capacitor	uF	/
Speed(Hi/Mi/Lo)	r/min	/
Sound dBa (Hi/Mi/Lo)		44/40/35.5
Static Pressure	In. WG	0-0.64
<b>Indoor unit</b>		
Dimension(W*D*H)	inch	43x30x10
Packing (W*D*H)	inch	51x32x12
Net/Gross weight	lbs.	87/103

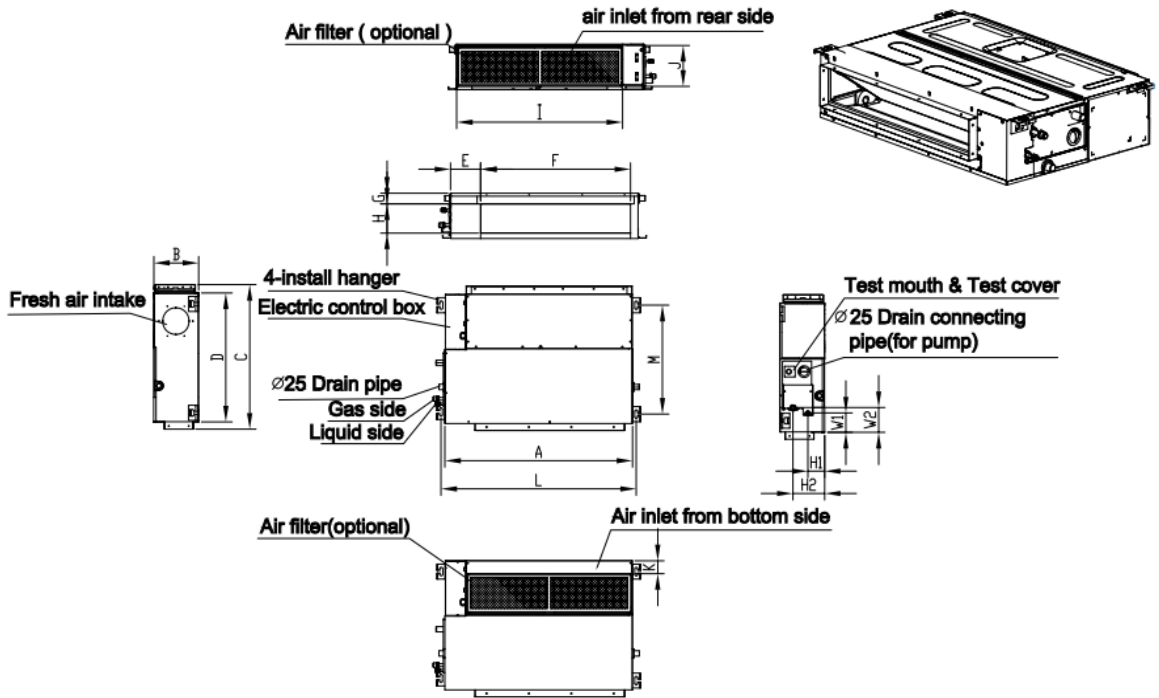
### OUTDOOR UNIT DATA

<b>Outdoor fan motor</b>		
RLA	A	0.5
LRA	A	----
Winding Resistance	Ω	----
Capacitor	uF	----
Speed	r/min	810
<b>Outdoor unit</b>		
Dimension(W*D*H)	inch	37.24x16.54x31.89
Packing (W*D*H)	inch	42.91x19.69x34.45
Net/Gross weight	lbs.	141.1/153.2

### SYSTEM DATA

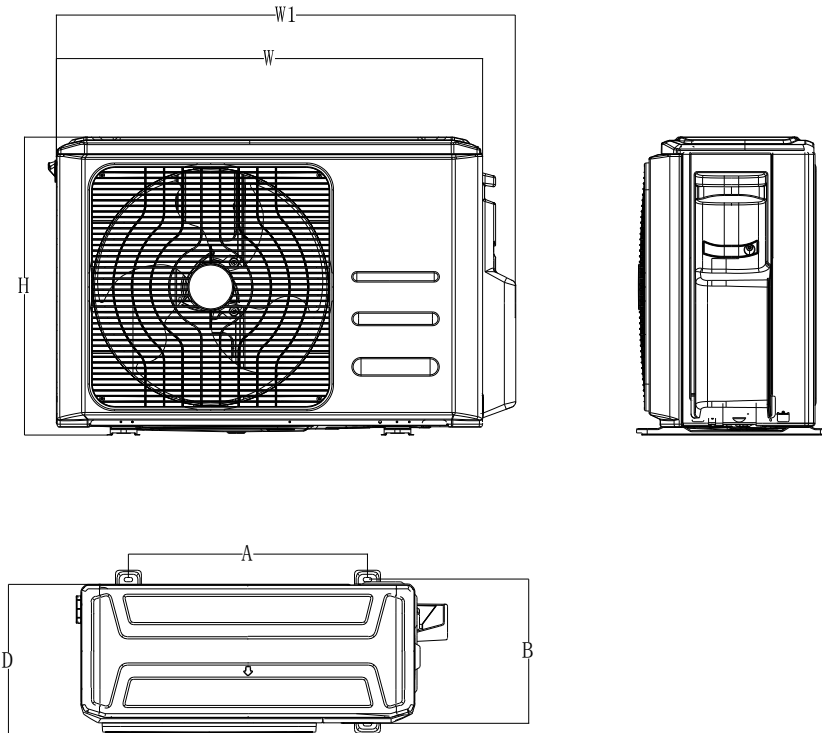
Refrigerant type	oz	R410A/91.7
Additional Refrigerant/ft.	oz	0.32
Design pressure	PSIG	550/340
<b>Refrigerant piping</b>		
Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")
Max. refrigerant pipe length	ft	164
Max. difference in level	ft.	82

**INDOOR UNIT**



Capacity (Btu)	Outline dimension(mm)				Air outlet opening size				Air return opening size			Size of outline dimension mounted plug		Size of refrigerant pipe			
	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
24000	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155

**OUTDOOR UNIT**



Model	W	D	H	W1	A	B
MOD01-23HFN1-MT0W	inch	37.24	16.54	31.89	###	26.50