



Submittal Data Sheet

Project Name:	
Location:	
Engineer:	
Submitted to:	
Submitted by:	
Reference:	

Approval:	
Date:	
Construction:	
Unit #:	
Drawing #:	

Indoor code	22023011003416
Outdoor code	22022516000702
Indoor model	MTI-48HWFN1-M
Outdoor model	MOE30U-48HFN1-M
MAC Indoor model	MEU-48MPL2
MAC Outdoor model	MCHSU-48CSH2



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230~1-60
Cooling		
Capacity	Btu/h	48000
Input	W	5217
Rated current	A	22.7
EER	Btu/W	9.2
SEER	Btu/W	17.4
Heating		
Capacity	Btu/h	49500
Input	W	4125
HSPF4	Btu/W	10.3
HSPF5	Btu/W	8.8
heating at 5 F (-15°C)	Btu/h	36000
MINIMUM CIRCUIT AMPACITY	A	35
MAX.FUSE	A	50
Moisture Removal	L/h	----
Starting current	A	----
Rated current(RLA)	A	23.5
Locked rotor Amp(LRA)	A	----
Thermal protector		----
Thermal protector position		INTERNAL
Capacitor	uF	----
Refrigerant oil	ml	Ester Oil VG74/1400
Connection wiring		14#
Thermostat type		Wire controller
Operation temperature		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	5~122/ 5~86

INDOOR UNIT DATA

Indoor fan motor		
RLA	A	2
LRA	A	/
Winding Resistance	Ω	890/820/840
Capacitor	uF	/
Speed(Hi/Mi/Lo)	r/min	/
Sound dBa (Hi/Mi/Lo)		50.5/48.5/46
Static Pressure	In. WG	0-0.64
Indoor unit		
Dimension(W*D*H)	inch	47.24x34.41x11.81
Packing (W*D*H)	inch	55.31x36.02x13.98
Net/Gross weight	lbs.	120/142

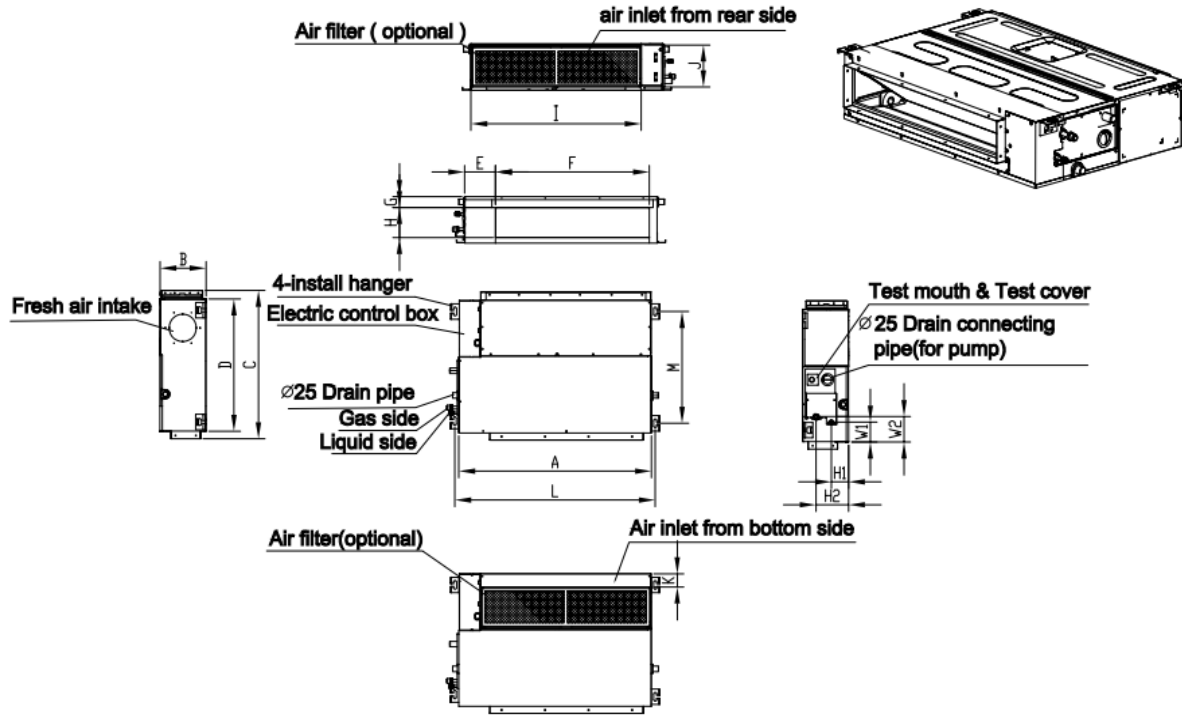
OUTDOOR UNIT DATA

Outdoor fan motor		
RLA	A	0.39
LRA	A	----
Winding Resistance	Ω	----
Capacitor	uF	----
Speed	r/min	900
Outdoor unit		
Dimension(W*D*H)	inch	37.48x16.34x52.48
Packing (W*D*H)	inch	43.11x19.49x58.27
Net/Gross weight	lbs.	217.4/246.0

SYSTEM DATA

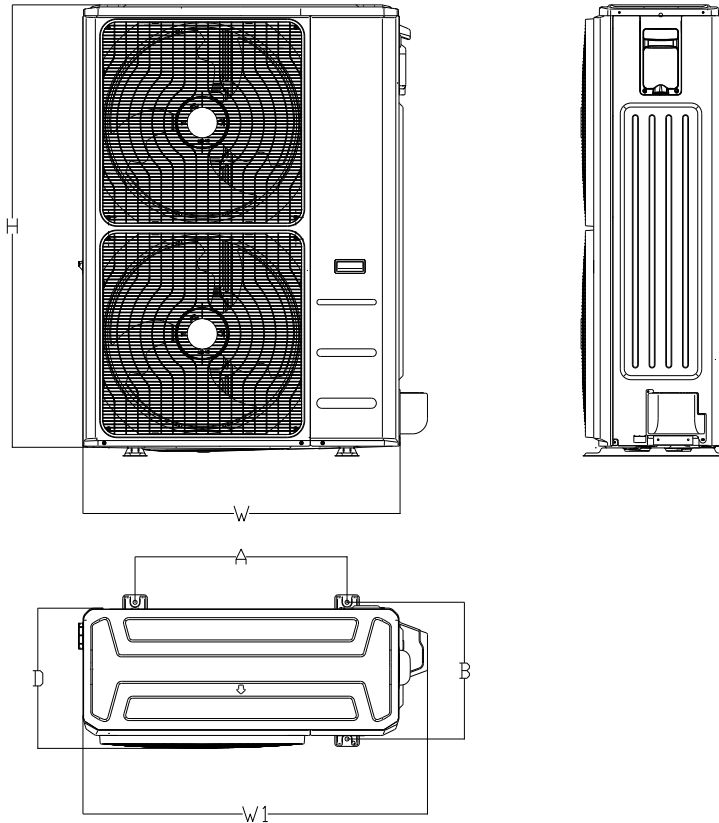
Refrigerant type	oz	R410A/148.2
Additional Refrigerant/ft.	oz	0.32
Design pressure	PSIG	550/340
Refrigerant piping		
Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")
Max. refrigerant pipe length	ft	213
Max. difference in level	ft.	98

INDOOR UNIT



Capacity (Btu)	Outline dimension(mm)				Air outlet opening size				Air return opening size			Size of outline dimension mounted plug		Size of refrigerant pip			
	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
48000	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210

OUTDOOR UNIT



Model		W	D	H	W1	A	B
MOE30U-48HFN1-M	inch	37.48	16.34	52.48	###	24.96	15.91