



Submittal Data Sheet

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

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

Indoor code	220070702490
Outdoor code	220075702490
Indoor model	MEH-48FVD2
Outdoor model	MCHU-48FVH2



PERFORMANCE DATA

Power supply	Ph-V-Hz	208~230-1-60
Cooling		
Capacity	Btu/h	48000
Input	W	5710
Rated current	A	25.6
EER	Btu/W	8.4
SEER		15
Heating		
Capacity	Btu/h	49000
Input	W	4290
Rated current	A	19.23
HSPF4		10
HSPF5		8.5
MINIMUM CIRCUIT CURRENT	A	35
MAX.FUSE	A	55
Moisture Removal	L/h	5.3
Starting current	A	/
Rated current(RLA)	A	23.5
Locked rotor Amp(LRA)	A	---
Thermal protector		----
Thermal protector position		EXTERNAL
Capacitor	uF	----
Refrigerant oil	ml	1400
Connection wiring		8#
Thermostat type		Remote Control or Wire controller
Operation temperature		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	5~122/5~76

INDOOR UNIT DATA

Indoor fan motor		
RLA	A	1.8
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed(Hi/Mi/Lo)	r/min	1200/1100/1020
Sound dBa (Hi/Mi/Lo)		49/46/43
Static Pressure(MAX.)	Pa	100
Indoor unit		
Dimension(W*D*H)	inch	47.24x34.06x11.81
Packing (W*D*H)	inch	54.53x36.22x14.69
Net/Gross weight	lbs.	99.21/116.84

OUTDOOR UNIT DATA

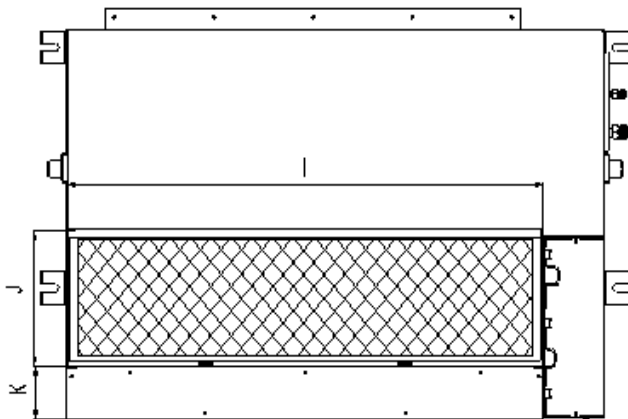
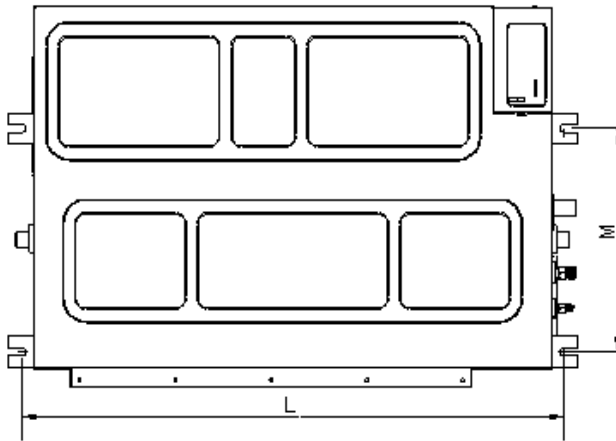
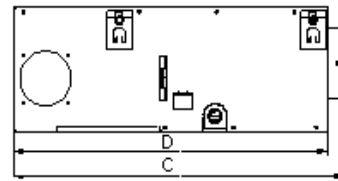
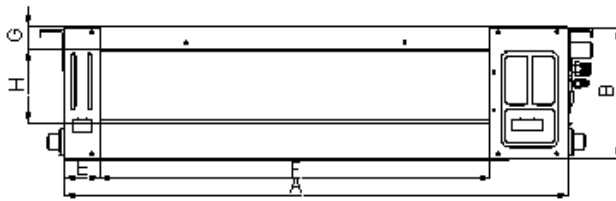
Outdoor fan motor		
RLA	A	1.2
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed	r/min	1000
Outdoor unit		
Dimension(W*D*H)	inch	36.93x15.43x53.9
Packing (W*D*H)	inch	43.11x19.49x59.25
Net/Gross weight	lbs.	220.46/251.33

SYSTEM DATA

Refrigerant type	oz	R410A/152
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



Capacity (Btu)	Outline dimension(mm)				Air outlet opening size				Air return opening size			Size of outline dimension mounted plug	
	A	B	C	D	E	F	G	H	I	J	K	L	M
48000	1200	300	865	800	80	968	40	204	1094	288	45	1240	500