



Submittal Data Sheet

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

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

Indoor code	220070201620
Outdoor code	220037803120
Indoor model	MEH-18FiD2
Outdoor model	MCHU-18FVH2



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230~1-60
Cooling		
Capacity	Btu/h	18000
Input	W	2000
Rated current	A	8.96
EER	Btu/W	9
SEER		15.5
Heating		
Capacity	Btu/h	18600
Input	W	1870
Rated current	A	8.65
HSPF4		8.38
HSPF5		7.2
MINIMUM CIRCUIT CURRENT	A	14
MAX.FUSE	A	20
Moisture Removal	L/h	1.8
Starting current	A	----
Rated current(RLA)	A	9.7
Locked rotor Amp(LRA)	A	----
Thermal protector		KSD301
Thermal protector position		EXTERNAL
Capacitor	uF	35uF/440V
Refrigerant oil	ml	500
Connection wiring		14#
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	1.5
LRA	A	0.66
Winding Resistance	Ω	145/88
Capacitor	uF	3.5UF/450V
Speed(Hi/Mi/Lo)	r/min	1170/790/690
Sound dBa (Hi/Mi/Lo)		40/35/30
Static Pressure(MAX.)	Pa	70
Indoor unit		
Dimension(W*D*H)	inch	36.22x25x8.27
Packing (W*D*H)	inch	44.68x25.79x11.42
Net/Gross weight	lbs.	49.6/60.63

OUTDOOR UNIT DATA

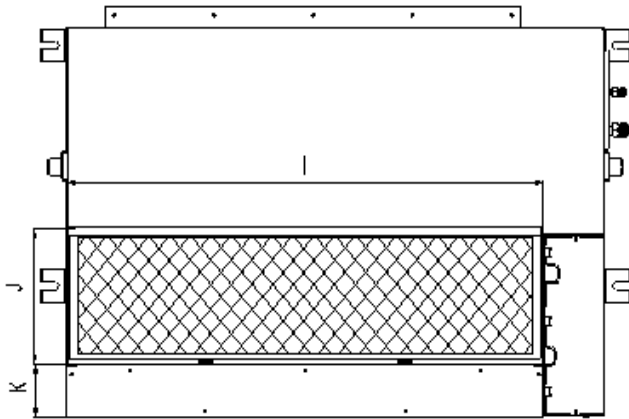
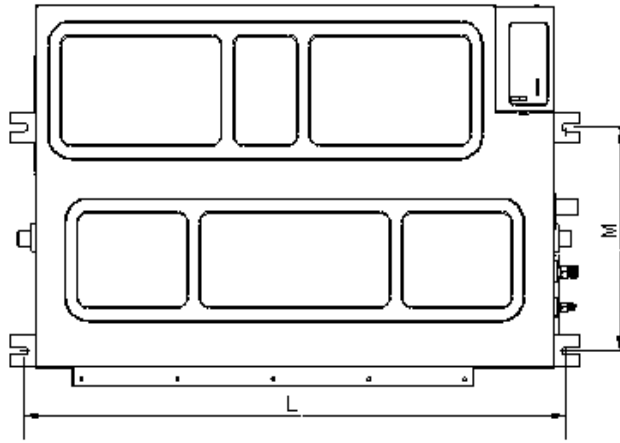
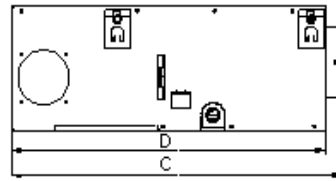
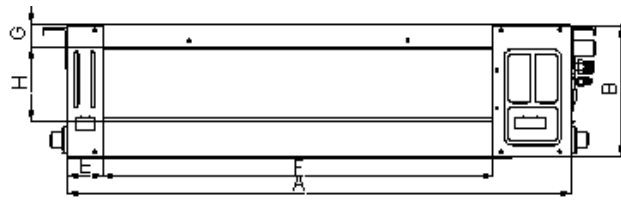
Outdoor fan motor		
RLA	A	0.31
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	----
Speed	r/min	750
Outdoor unit		
Dimension(W*D*H)	inch	33.27x12.6x27.56
Packing (W*D*H)	inch	37.99x15.55x29.72
Net/Gross weight	lbs.	104.72/112.44

SYSTEM DATA

Refrigerant type	oz	R410A/61.83
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	98
Max. difference in level	ft.	66



Unit mm

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
18000	920	210	635	570	65	713	35	119	815	200	80	960	350