

Submittal Data Sheet

Project Name:	Approval:
Location:	Date:
Engineer:	Construction:
Submitted to:	Unit #:
Submitted by:	Drawing #:
Reference:	



Indoor	MTBU-12HRDN1-M
Outdoor	MOC-12HFN1-MS0W

PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V~ 60Hz, 1Ph
Cooling		
Capacity	Btu/h	12,000
Input	W	1290
Rated current	A	5.78
SEER		14.5

Heating

Capacity	Btu/h	12,200
Input	W	1250
Rated current	A	5.6
HSPF4		8.4
HSPF5		6.9
MINIMUM CIRCUIT AMPACITY	A	1.3
MAX.FUSE	A	15
Moisture Removal	L/h	1.2
Starting current	A	----
Rated current(RLA)	A	5.8
Locked rotor Amp(LRA)	A	----
Thermal protector		1NT01L-4639
Thermal protector position		EXTERNAL
Capacitor	uF	----
Refrigerant oil/oil charge	ml	ESTER OIL VG74 / 480
Connection wiring		16#(Optional)
Additional refrigerant (oz./ft.)		0.161
Thermostat type		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	1.0
LRA	A	0.39
Winding Resistance	Ω	317/252
Capacitor	uF	2.00 uF/450V
Speed(Hi/Mi/Lo)	r/min	1255/1005/850
Sound dBa (Hi/Mi/Lo)		38/34/30
Static Pressure	Pa	40(MAX.)

Indoor unit

Dimension(W*D*H)	inch	27.56x25x8.27
Packing (W*D*H)	inch	36.02x25.79x11.42
Net/Gross weight	lbs.	44.09/55.12

OUTDOOR UNIT DATA

Outdoor fan motor		
RLA	A	0.22
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed	r/min	800

Outdoor unit

Dimension(W*D*H)	inch	29.9x11.2x23.2
Packing (W*D*H)	inch	34.9x14.0x25.4
Net/Gross weight	lbs.	83.8/89.3

SYSTEM DATA

Refrigerant type	oz	R410A/47.6
Additional Refrigerant/ft.	oz	0.161
Design pressure	PSIG	550/340

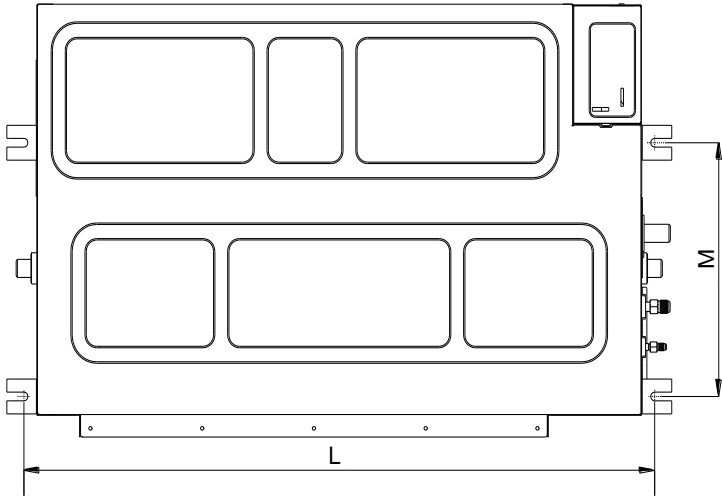
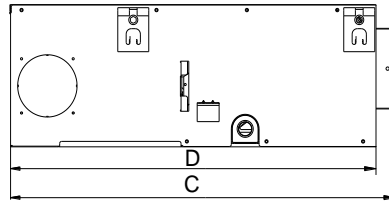
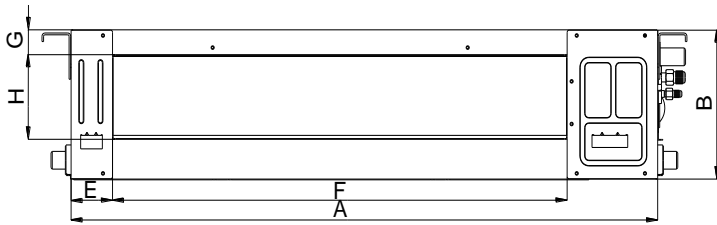
Refrigerant piping

Liquid side/ Gas side	inch	1/4"/1/2"
Max. refrigerant pipe length	ft	82
Max. difference in level	ft.	33

NOTE: Test conditions based on ARI 210/240.Rating conditions:
Indoor: 80° db / 67° wb; Outdoor 95° db / 75° wb

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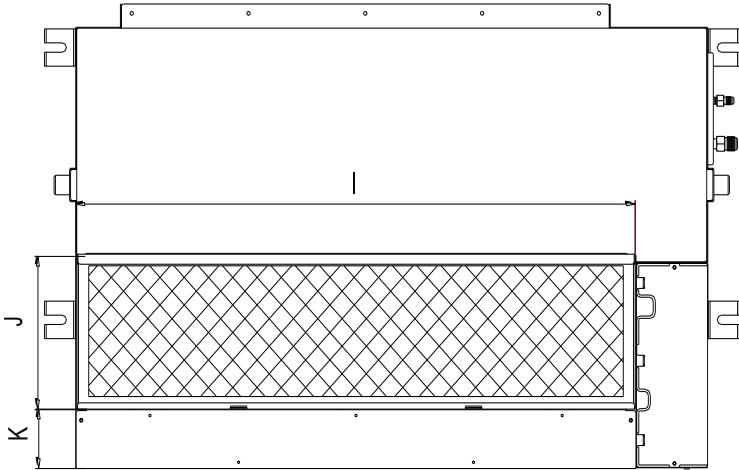
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Capacity (Btu)	Outline dimension(mm)				Air outlet opening size				Air return opening size			Size of outline dimension mounted plug	
	A	B	C	D	E	F	G	H	I	J	K	L	M
12000	700	210	635	570	65	493	35	119	595	200	80	740	350

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