

SUBMITTAL DATA SHEET

SINGLE PIECE AIR HANDLER SPLIT-SYSTEM COIL MODELS: MA / MC

JOB NAME:		LOCATION:		
PURCHASER:		ORDER NO:		
ENGINEER:				
SUBMITTED TO:	FOR:	REF:	APPROVAL:	CONSTRUCTION:
SUBMITTED BY:		DATE:		
UNIT DESIGNATION:		SCHEDULE NO.		MODEL NO.

PRODUCT DATA

Cooling Performance

Total Capacity* _____ MBH
 Sensible Capacity* _____ MBH
 Temperature of Air Entering _____
 Indoor Coil _____ °F (DB/WB)

Supply Air Blower Performance

Total Supply Air _____ CFM
 Total Resistance External To Unit _____ IWG
 Cooling Blower Speed Tap _____ RPM
 Motor Rating _____ HP

Electrical Data

Power Supply _____ / _____ / _____
 Total Unit Ampacity _____ AMPS
 Minimum Wire Size _____ AWG
 (Copper conductors)
 Maximum Overcurrent Device _____ AMPS
 Fuses (Dual Element)
 Circuit Breaker (HACR)

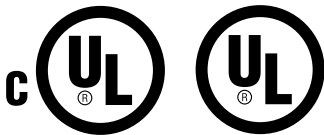
Unit Weight

Total Operating Weight _____ LBS
 (Including field-installed accessories)
 * Shown in Outdoor Unit Technical Guide

CLEARANCES

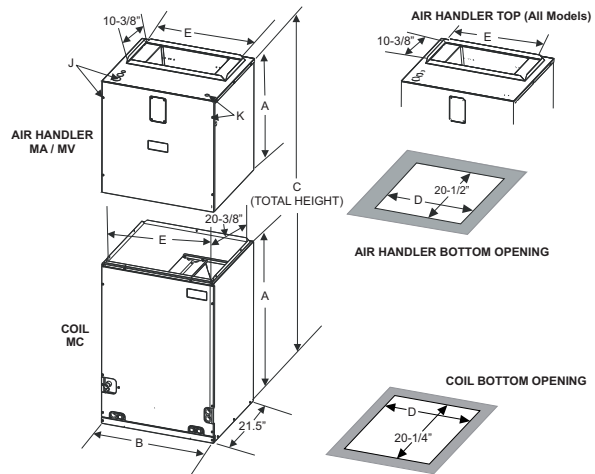
Front	24"
Rear	0"*
Sides	0"*

* 0 Clearance allowed with or without Electric Heater.



ISO 9001
 Certified Quality
 Management System

DIMENSIONS - INCHES



NOTE: Power wiring may be brought into the unit through one of the knockouts in either the top or the left side panel. Multiple knockouts are provided to accommodate all of the electric heat and transformer accessories that are available. Use the knockouts that provide the best wire routing for the accessory being used.

Model	Dimensions - Inches					Wiring K.O.s ¹		Refrigerant Connection		
	A	B	C	D	E	J	K	Line Size		
	Height	Width	Total Height			Power	Control	Liquid	Vapor	
MA08B	25	17-1/2	47 to 57 Depending on combination	16-1/2	14-19/32	7/8 (1/2) 1-3/8 (1)	7/8 (1/2)	—	—	
MA12B ²		17-1/2		16-1/2	14-19/32	7/8 (1/2) 1-3/8 (1)		—	—	
MA14D		24-1/2		23-1/2	21-19/32	7/8 (1/2) 1-3/8 (1)		—	—	
MA16C ²		21		20	18-3/32	1-23/32 (1-1/4)		—	—	
MA20D ²		24-1/2		23-1/2	21-19/32	1-31/32 (1-1/2)		—	—	
MC18A**H	22	14-1/2	47 to 57 Depending on combination	13-1/2	13-3/8	—	—	3/4	7/8	
MC24B**H	26-1/2	17-1/2		16-1/2	16-3/8	—	—			
MC30B**H	26-1/2	17-1/2		16-1/2	16-3/8	—	—			
MC35B**H	22	17-1/2		16-1/2	16-3/8	—	—			
MC35C**H	26-1/2	21		20	19-7/8	—	—			
MC36B**H	26-1/2	17-1/2		16-1/2	16-3/8	—	—			
MC36C**H	26-1/2	21		20	19-7/8	—	—			
MC42B**H	32	17-1/2		16-1/2	16-3/8	—	—			
MC42C**H	32	21		20	19-7/8	—	—			
MC48C**H	32	21		20	19-7/8	—	—			
MC48D**H	32	24-1/2		23-1/2	23-3/8	—	—			
MC60D**H	32	24-1/2		23-1/2	23-3/8	—	—			
MC61D**H	36	24-1/2		61	23-1/2	23-3/8	—			—

1. Parenthesis indicate conduit size.
2. May be either 208/230-1-60 or 460-3-60.

** - 2A, 2C indicates TXV, 3X indicates TXV must be field supplied. See Outdoor Unit.
 H models are available with a factory installed horizontal drain pan.

FEATURES

AIR HANDLERS

- PSC Motors
- Upflow, Downflow or Horizontal Applications
- Approved for "0" inch clearance with and without electric heat
- One inch (1") R-4.2 insulation on all models

MC COILS

- Rified copper tubes and aluminum fins, Microblue fins
- Sweat connect refrigerant connections
- Upflow, Downflow or Horizontal Applications
- Three Quarter Inch (3/4") insulation on Standard MC Models

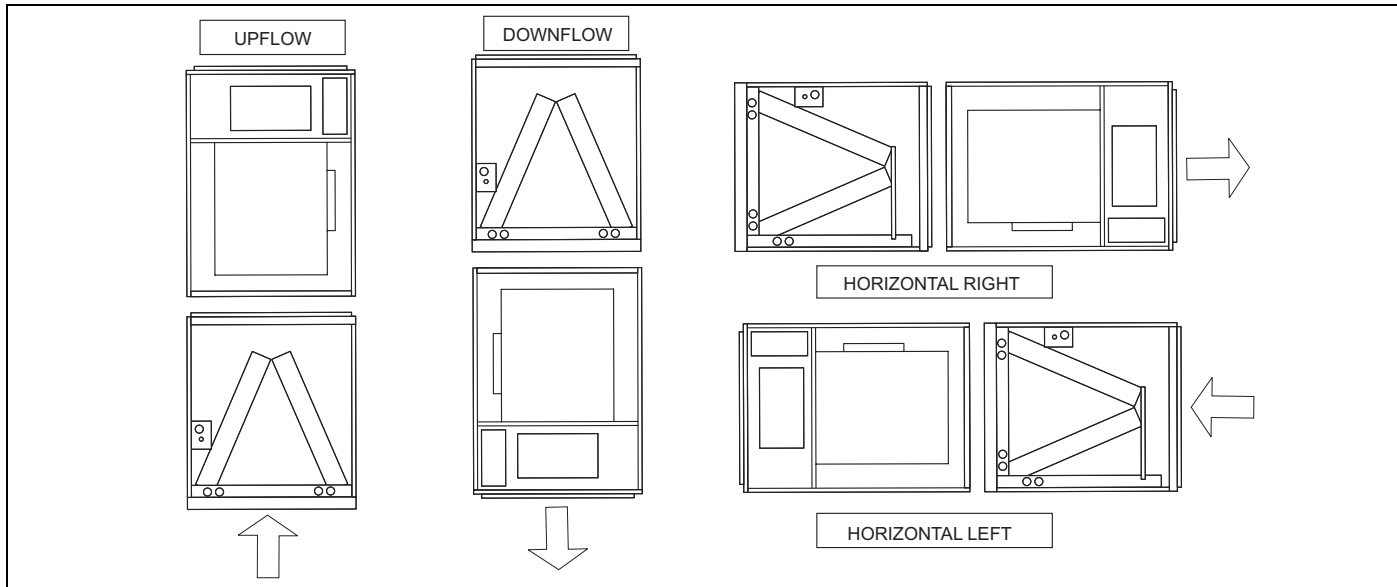
FIELD INSTALLED ACCESSORIES

- Electric Heaters (#4HK _____)
Capacity (@ _____ Volts) _____ MBH
Power Input Requirement (Less Blower Motor) _____ KW
- Filter Rack (# _____)
- Combustible Floor Base (# _____)
- Interconnecting Lines. . . . Length _____ Ft
- Thermal Expansion Valve Kit (# _____)
- Suspension Kit (# _____)

MATCHED OUTDOOR UNIT

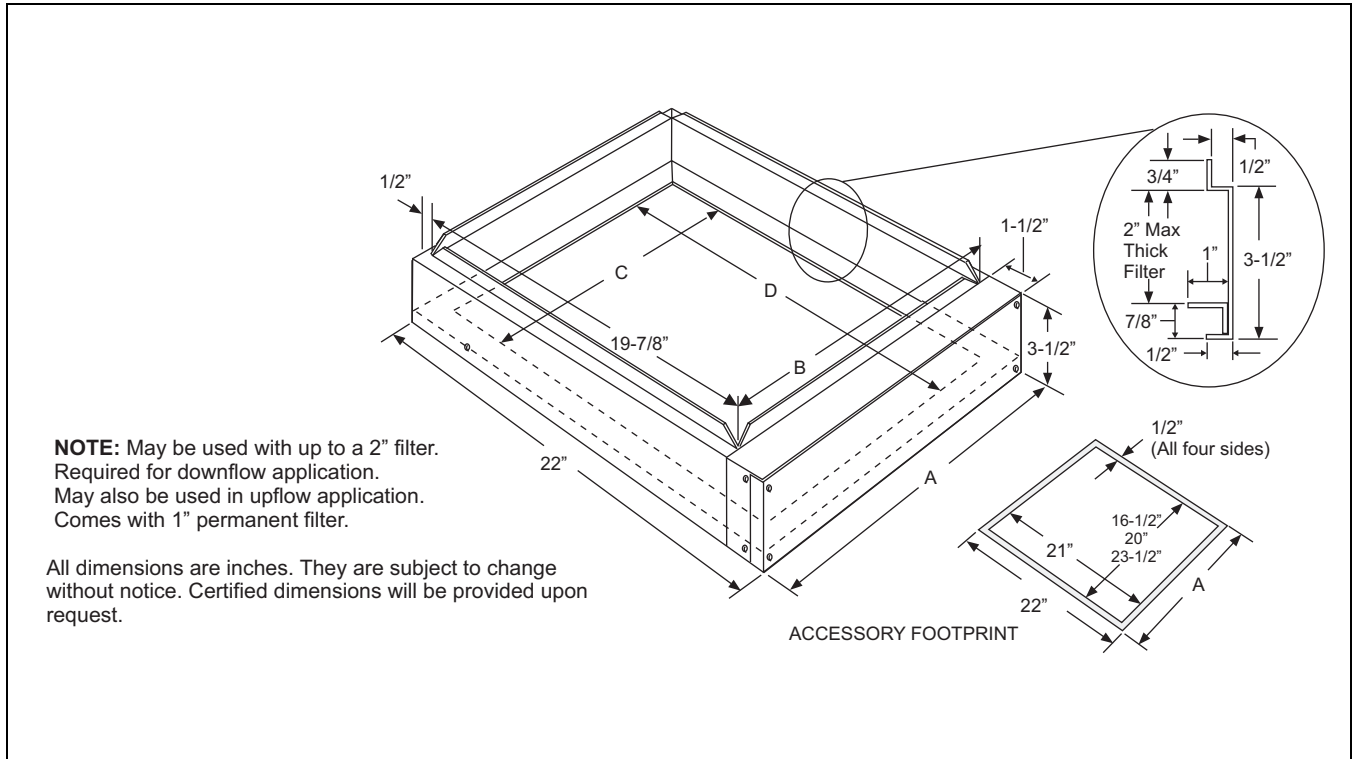
- Model Number (# _____)
- Submittal Part Number (# _____)

TYPICAL APPLICATIONS



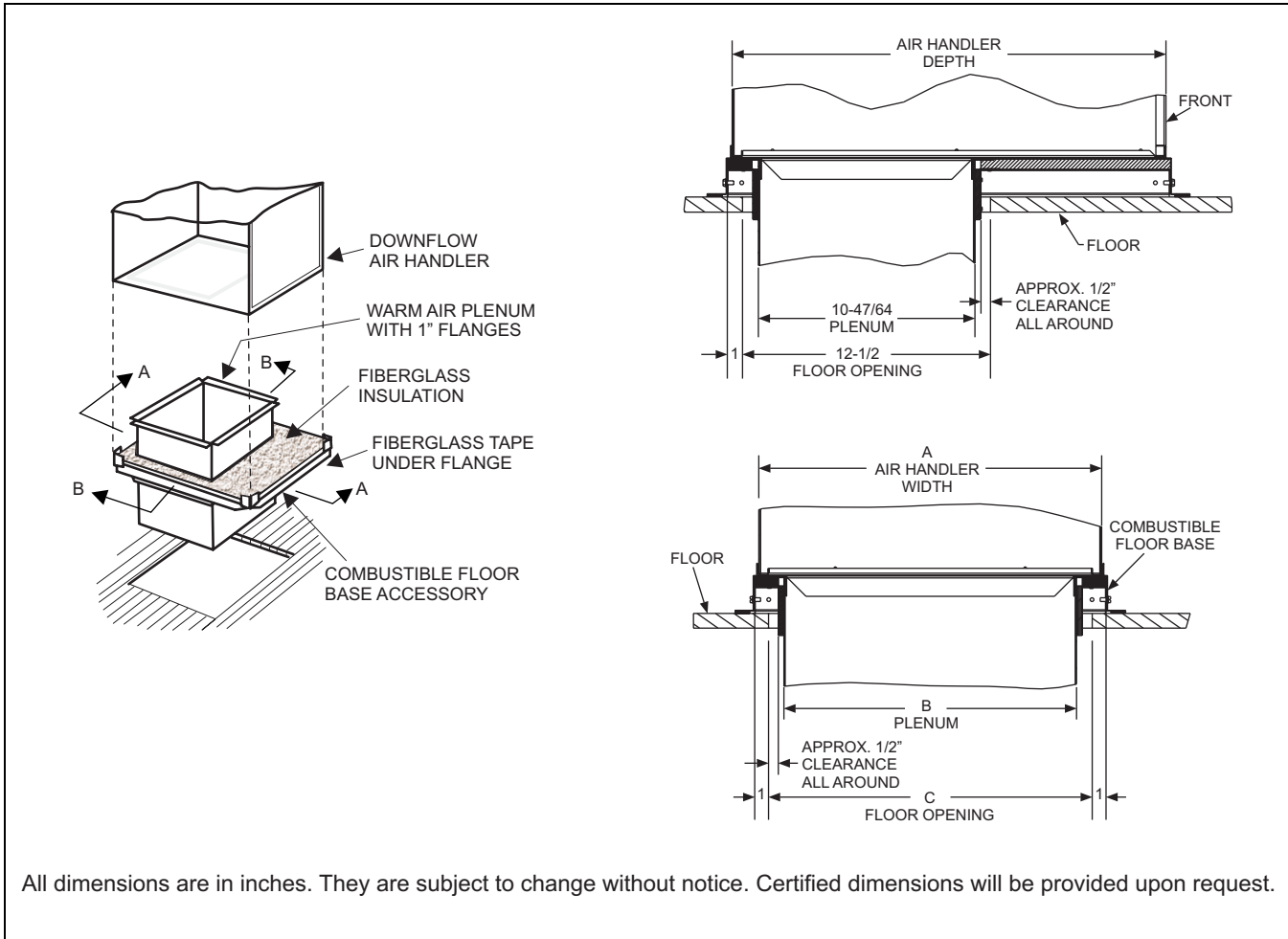
FILTER RACK

For use with MA Air Handler and MC coils in a downflow configuration. Includes permanent cleanable type filter and bottom closure plate.



FILTER RACK MODEL		USED WITH	RACK DIMENSIONS INCHES				FILTER DIMENSIONS INCHES		
MULTI-POSITION	HORIZONTAL ONLY		A	B	C	D	WIDTH	LENGTH	THICKNESS
1FR0817	1FR0717	MA08B, MA12B	17-1/2	16-3/8	15-1/2	21	16	20	1
1FR0821	1FR0721	MA16C	21	19-7/8	19	21	20	20	1
1FR0824	1FR0724	MA14D, MA20D	24-1/2	23-3/8	22-1/2	21	24	20	1

COMBUSTIBLE FLOOR BASE - One of the following combustible floor base accessories: 1FB1817, 1FB1821 or 1FB1824, is required whenever an electric heat accessory, rated for greater than zero clearance to combustible surfaces, is installed in these air handlers, in the downflow operating position on a combustible floor.



FLOOR BASE MODEL	USED WITH	DIMENSIONS		
		A	B	C
1FB1817	MA08B, MA12B	17.5	15.0	16.5
1FB1821	MA16C	21.0	18.5	20.0
1FB1824	MA14D, MA20D	24.5	22.0	23.5