

SUBMITTAL DATA SHEET

SINGLE PIECE AIR HANDLER SPLIT-SYSTEM COIL MODELS: MV / 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.

FEATURES

AIR HANDLERS

- Electronically Commutated Motor, ECM, Variable Speed
- 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
- Climatecomfort system allows dealer to customize comfort settings based on regional location.
- These models maybe connected as part of a communications system using a 4-wire connection bus.

MC COILS

- Rifled 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
- **Thermal Expansion Valves** - Available with a R-410A factory installed TXV's. Air Handlers maybe ordered as "Flex-coil" unit without a factory installed mer-tering device. Flex-coil models allow for field installed R-22 or R-410A TXV's for added flexibility to meet refrigerant system choice.

FIELD INSTALLED ACCESSORIES

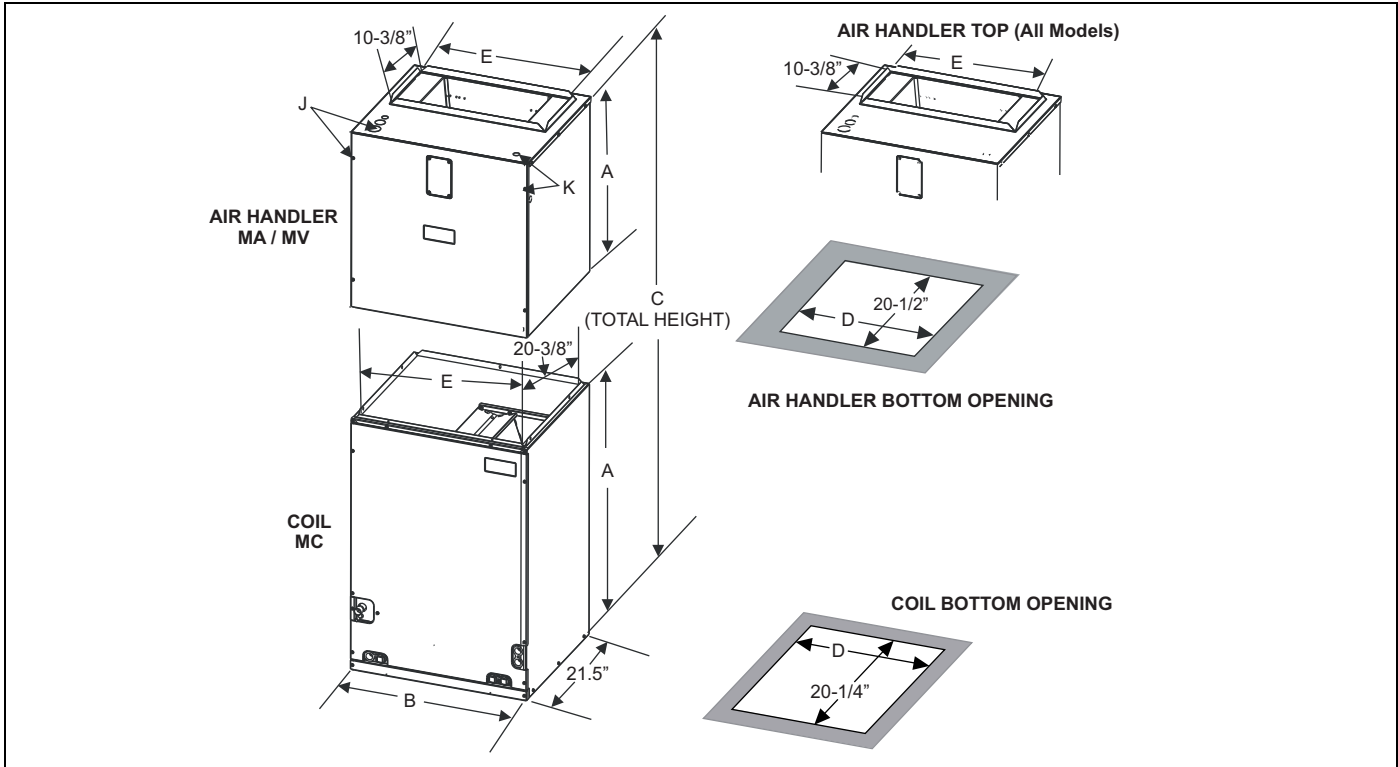
- Electric Heaters (#4HK _____)
 Capacity (@ _____ Volts) _____ MBH
 Power Input Requirement (Less Blower Motor) _____ KW
- Filter Rack (# _____)
- Combustible Floor Base (# _____)
- Interconnecting Lines. . . . Length _____ Ft
- Thermal Expansion Valve Kit (# _____)
- Suspension Kit (# _____)

MATCHED OUTDOOR UNIT

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



DIMENSIONS - INCHES



DIMENSIONS

Model	Dimensions					Wiring K.O.'s ¹		Refrigerant Connections	
	A	B	C	D	E	J	K	Line Size	
	Height	Width	Total Height					Liquid	Vapor
MV12B	25	17-1/2	47 to 57 Depending on combination.	16-1/2	14-19/32	7/8" (1/2") 1-3/8" (1") 1-23/32" (1-1/4")	7/8" (1/2")	-	-
MV12D	25	24-1/2		23-1/2	21-19/32			-	-
MV16C	25	21		20	18-3/32			-	-
MV20D	25	24-1/2		23-1/2	21-19/32			-	-
MC18A3XH1	22	14.5		13.5	13 3/8	-	-	3/8"	3/4"
MC18A4FH1	22	14.5		13.5	13 3/8	-	-	3/8"	3/4"
MC18B3XH1	22	17.5		16.5	16 3/8	-	-	3/8	3/4
MC18B4FH1	22	17.5		16.5	16 3/8	-	-	3/8	3/4
MC24B3XH1	26.5	17.5		16.5	16 3/8	-	-	3/8	3/4
MC24B4FH1	26.5	17.5		16.5	16 3/8	-	-	3/8	3/4
MC30B3XH1	26.5	17.5		16.5	16 3/8	-	-	3/8	3/4
MC30B4FH1	26.5	17.5		16.5	16 3/8	-	-	3/8	3/4
MC35B3XH1	22	17.5		16.5	16 3/8	-	-	3/8	3/4
MC35B4FH1	22	17.5		16.5	16 3/8	-	-	3/8	3/4
MC35B4GH1	22	17.5		16.5	16 3/8	-	-	3/8	3/4
MC35B4HH1	22	17.5		16.5	16 3/8	-	-	3/8	3/4
MC35C3XH(1,2)	26.5/22	21		20	19 7/8	-	-	3/8	3/4
MC35C4FH1	22	21		20	19 7/8	-	-	3/8	3/4
MC35C4GH1	22	21		20	19 7/8	-	-	3/8	3/4
MC35C4HH1	22	21		20	19 7/8	-	-	3/8	3/4
MC36B3XH1	26.5	17.5		16.5	16 3/8	-	-	3/8	7/8
MC36B4FH1	26.5	17.5		16.5	16 3/8	-	-	3/8	7/8
MC36B4GH1	26.5	17.5		16.5	16 3/8	-	-	3/8	7/8

¹For notes, see Page 4.

DIMENSIONS (Continued)

Model	Dimensions					Wiring K.O.'s ¹		Refrigerant Connections	
	A	B	C	D	E	J Power	K Control	Line Size	
	Height	Width	Total Height					Liquid	Vapor
MC36B4HH1	26.5	17.5	47 to 57 Depending on combination	16.5	16 3/8	–	–	3/8	7/8
MC36C3XH1	26.5	21		20	19 7/8	–	–	3/8	7/8
MC36C4FH1	26.5	21		20	19 7/8	–	–	3/8	7/8
MC36C4GH1	26.5	21		20	19 7/8	–	–	3/8	7/8
MC36C4HH1	26.5	21		20	19 7/8	–	–	3/8	7/8
MC42B3XH1	32	17.5		16.5	16 3/8	–	–	3/8	7/8
MC42B4FH1	32	17.5		16.5	16 3/8	–	–	3/8	7/8
MC42B4HH1	32	17.5		16.5	16 3/8	–	–	3/8	7/8
MC42C3XH1	32	21		20	19 7/8	–	–	3/8	7/8
MC42C4FH1	32	21		20	19 7/8	–	–	3/8	7/8
MC42C4HH1	32	21		20	19 7/8	–	–	3/8	7/8
MC43B3XH1	26.5	17.5		16.5	16 3/8	–	–	3/8	7/8
MC43B4FH1	26.5	17.5		16.5	16 3/8	–	–	3/8	7/8
MC43B4GH1	26.5	17.5		16.5	16 3/8	–	–	3/8	7/8
MC43B4KH1	26.5	17.5		16.5	16 3/8	–	–	3/8	7/8
MC43C3XH1	26.5	21		20	19 7/8	–	–	3/8	7/8
MC43C4FH1	26.5	21		20	19 7/8	–	–	3/8	7/8
MC43C4GH1	26.5	21		20	19 7/8	–	–	3/8	7/8
MC43C4KH1	26.5	21		20	19 7/8	–	–	3/8	7/8
MC48C3XH1	32	21		20	19 7/8	–	–	3/8	7/8
MC48C4FH1	32	21		20	19 7/8	–	–	3/8	7/8
MC48C4HH1	32	21		20	19 7/8	–	–	3/8	7/8
MC48C4JH1	32	21		20	19 7/8	–	–	3/8	7/8
MC48C4KH1	32	21		20	19 7/8	–	–	3/8	7/8
MC48D2CH1	32	24.5		23.5	23 3/8	–	–	3/8	7/8
MC48D3XH1	32	24.5		23.5	23 3/8	–	–	3/8	7/8
MC48D4FH1	32	24.5		23.5	23 3/8	–	–	3/8	7/8
MC48D4HH1	32	24.5		23.5	23 3/8	–	–	3/8	7/8
MC48D4JH1	32	24.5		23.5	23 3/8	–	–	3/8	7/8
MC48D4KH1	32	24.5		23.5	23 3/8	–	–	3/8	7/8
MC60D3XH1	32	24.5		23.5	23 3/8	–	–	3/8	7/8
MC60D4GH1	32	24.5		23.5	23 3/8	–	–	3/8	7/8
MC60D4HH1	32	24.5	23.5	23 3/8	–	–	3/8	7/8	
MC60D4JH1	32	24.5	23.5	23 3/8	–	–	3/8	7/8	
MC60D4KH1	32	24.5	23.5	23 3/8	–	–	3/8	7/8	
MC62D3XH1	36	24.5	61	23.5	23 3/8	–	–	3/8	7/8
MC62D4HH1	36	24.5		23.5	23 3/8	–	–	3/8	7/8
MC62D4JH1	36	24.5		23.5	23 3/8	–	–	3/8	7/8
MC62D4KH1	36	24.5		23.5	23 3/8	–	–	3/8	7/8

All MC coils include a factory installed horizontal drain pan.
 (3X) = Models require field installed metering device.

1. Parentheses indicate conduit size.

** Thermal Expansion Device Indicators - "3X" indicates unit is a flex-coil model with a field installed R-22 or R-410A TXV, and "4" indicates R-410A TXV is factory installed. Letter indicates TXV size as required, see outdoor unit technical information for proper matches and requirements.

"H" models are available with a factory installed horizontal drain pan.

