

Submittal Data Sheet

Single Piece Four Position Air Handlers Standard ECM Model Series: RFC

Job name:		Location:		
Purchaser:		Order number:		
Engineer:				
Submitted to:	For:	Ref:	Approval:	Construction:
Submitted by:		Date:		
Unit designation:		Schedule number:		Model number:

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 external static pressure _____ IWG
Blower speed settings _____
Motor rating _____ hp
Power input requirement _____ kW

Electrical data

Power supply _____ / _____ / _____
Total unit ampacity _____ A
Minimum wire size _____ AWG
(copper conductors)

Maximum overcurrent device
☐ fuses (dual element)
☐ circuit breaker (HACR)

Unit weight

Total unit weight _____ lb
(include field-installed accessories)

Options

☐ Factory-installed TXV

*Shown in outdoor unit technical guide

Clearances

Front	24 in.
Rear	0 in.*
Sides	0 in.*

* 0 in. clearance allowed with or without electric heater



Features

MaxAlloy™ coil - long-life aluminum coils built to deliver lasting performance, efficiency, and reliability

Next generation even-flow distributor - designed for balanced refrigerant flow and even coil circuit performance

Next generation high-efficiency blower - delivers increased airflow and reduced blower watts by 10%, using a standard ECM motor

Two-stage operation - provides flexibility in application with single and two-stage outdoor equipment

Next generation insulation and gasket design - reduces thermal transmission paths and reduces sweating

Electric heat kit - 8HK field-installed series available for easy installation and service application

Tool-less filter access - sliding latch design provides quick and easy access

Designed for easy installation and service - casing size of 20.5 in., smooth sides, and rigid construction provide ease of attic access and tight applications. Front facing components, slide out blower, laser cut knock outs and integrated duct flanges shorten install time.

cabinet air leakage - less than 2% at 1 in. W.C. external static pressure when tested in accordance with ASHRAE Standard 193.

Long lasting quality - structural components made of post-powder painted aluminum or galvanized steel to prevent corrosion.

Thermoset drain pan - positive slope for drainage to reduce cause for potential mold or contaminants.

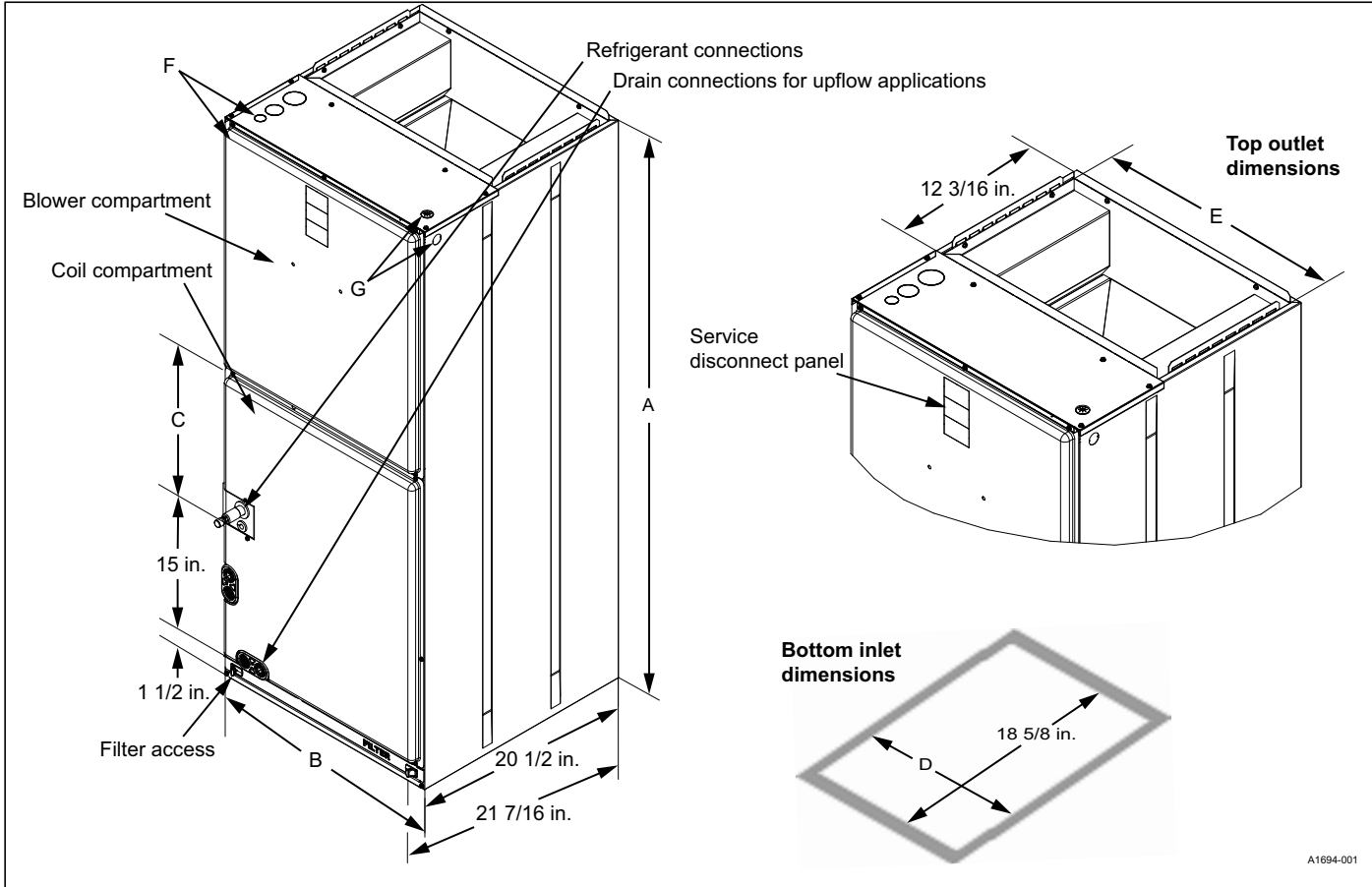
Field-installed accessories

- ☐ Electric heaters (8HK _____)
Capacity (at _____ V) _____ MBH
Power input requirement (less blower motor) _____ kW
- ☐ Thermal expansion / check valve kit (_____)
- ☐ Combustible floor base (_____)
- ☐ External filter rack (_____)

Matched outdoor unit

- ☐ Model number (_____)
- ☐ Submittal part number (_____)

Unit and duct connection dimensions



A1694-001

Dimensions¹

Models	Dimensions					Wiring knockouts ²		Refrigerant connections line size	
	A	B	C	D	E	F	G		
	Height (in.)	Width (in.)	Opening widths (in.)			Power (in.)	Control (in.)	Liquid (in.)	Vapor (in.)
RFCB18B	47	17 1/2	7 1/2	16 1/2	16 1/2	7/8 (1/2) 1 3/8 (1) 1 23/32 (1 1/4)	7/8 (1/2)	3/8	3/4
RFCB24C	49 5/8	17 1/2	10	16 1/2	16 1/2				
RFCB30D	49 5/8	17 1/2	10	16 1/2	16 1/2				
RFCB36D	49 5/8	17 1/2	10	16 1/2	16 1/2				
RFCC36D	51	21	11 1/2	20	20			3/8	7/8
RFCC42F	57	21	17 1/2	20	20				
RFCC48G	61 1/4	21	21 3/4	20	20				
RFCD48G	61 1/4	24 1/2	21 3/4	23 1/2	23 1/2				
RFCC60H	63	21	23 1/2	20	20				
RFCD60H	63	24 1/2	23 1/2	23 1/2	23 1/2				
RFCD60J	61 1/4	24 1/2	21 3/4	23 1/2	23 1/2				

1. All dimensions are in inches.

2. Actual size (conduit size).