

Submittal Data Sheet: XAF Series - Add-On Coils for Use with Split-System Cooling and Heat Pumps - Full Cased Upflow or Downflow

6133681-USD-A-0821

Submittal data

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

Certification



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
 Blower speed tap _____ RPM
 Motor rating _____ HP

Unit weight

Total operating weight (including field-installed accessories) _____ lb

① **Note:** Refer to the outdoor unit *Technical Guide* for the total capacity and sensible capacity.

Clearances

Table 1: Recommended service clearance

Front	24 in.
Rear and sides	0 in.

Matched indoor unit

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

Matched outdoor unit

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

Field installed accessories

- Capacity (at _____ V) _____ MBH
- Filter rack (# _____)
- Interconnecting lines length _____ ft
- Thermostatic expansion valve kit (# _____)
- UV light kit (# _____)

Features

- **Rigid case construction:** The rigid case construction provides structural support and eliminates screw heads protruding from the side of the cabinet that could damage property during installation.
- **Cabinet:** The cabinet is constructed of heavy gauge galvanized steel with a primer and finish coat that provides a high-quality corrosion resistant finish. With the coil and access door removed, the cabinet has a 20.5 in. casing depth in all models, allowing ease of access in attics and applications where space is constrained.
- **MaxAlloy™ coil:** Long-life aluminum coils built to deliver lasting performance, efficiency, and reliability.
- **Foil-faced insulation:** The entire cabinet is insulated with a single piece of cleanable foil-faced insulation. The cabinet is designed so that all edges of the insulation are contained.
- **Duct flange:** An integral duct flange is part of the coil casing for easy installation.
- **Thermostatic expansion valve (TXV):** Select factory installed and field installed models are available. They use Chatleff fittings and no brazing is required.

- **Thermoset drain pan:** The drain pan is corrosion and UV resistant with a positive slope for correct drainage. The low water retention design maximizes indoor air quality and consumer comfort.
- **Low leakage cabinet design:** Fully gasketed doors minimize air leakage to no more than 2% when measured at 1.0 in. W.C. external static pressure, minimizing conditioned air leakage and infiltration.

Dimensions

Figure 1: Dimensions - XAF upflow or downflow full cased coil

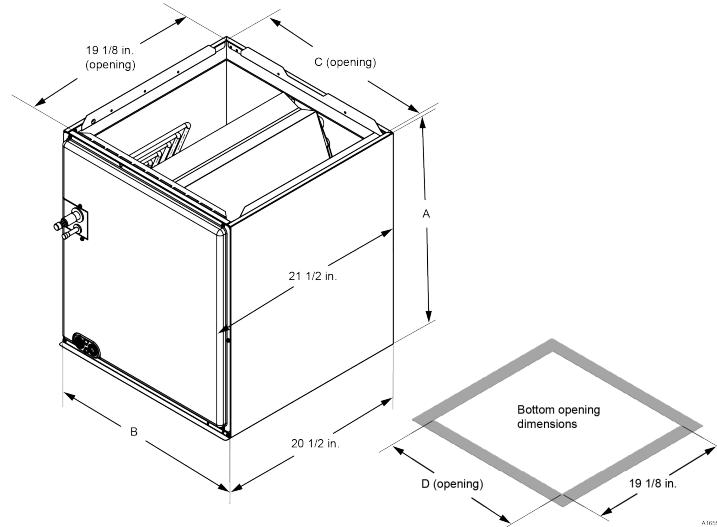


Table 2: Dimensions - XAF upflow or downflow full cased coil

Model	Dimensions				Weight		Metering device	Refrigerant connections line size	
	Height	Width	Opening widths		Shipping (lb)	Operating (lb)		Liquid (in.)	Vapor (in.)
	A (in.)	B (in.)	C (in.)	D (in.)					
XAFA18AXXN1	19 1/2	14 1/2	13 1/2	13 1/2	31	32	Flex	3/8	3/4
XAFB18AXXN1	19	17 1/2	16 1/2	16 1/2	32	33	Flex		
XAFA24BXXN1	21 5/8	14 1/2	13 1/2	13 1/2	33	34	Flex		
XAFB24BXXN1	23	17 1/2	16 1/2	16 1/2	36	37	Flex		
XAFB30CXXN1	25 5/8	17 1/2	16 1/2	16 1/2	41	42	Flex		
XAFC30CXXN1	23	21	20	20	46	48	Flex		
XAFA30DXXN1	25 1/2	14 1/2	13 1/2	13 1/2	41	42	Flex		
XAFB36DXXN1	25 5/8	17 1/2	16 1/2	16 1/2	48	49	Flex		
XAFC36DXXN1	23	21	20	20	47	49	Flex		
XAFB36EXXN1	25 5/8	17 1/2	16 1/2	16 1/2	50	51	Flex		
XAFC42EXXN1	25	21	20	20	52	54	Flex	7/8	
XAFD42EXXN1	25	24 1/2	23 1/2	23 1/2	56	58	Flex		
XAFC48FXN1	27	21	20	20	55	57	Flex		
XAFD48FXN1	27	24 1/2	23 1/2	23 1/2	58	60	Flex		
XAFC60GXN1	33	21	20	20	64	66	Flex		
XAFD60GXN1	32 3/4	24 1/2	23 1/2	23 1/2	66	68	Flex		
XAFC60HXXN1	37 1/4	21	20	20	70	72	Flex		
XAFD60HXXN1	37 1/4	24 1/2	23 1/2	23 1/2	74	76	Flex		
XAFD60JXXN1	32 3/4	24 1/2	23 1/2	23 1/2	73	75	Flex		

Note:

- Refrigerant line sizes may require larger lines for extended line lengths. See application data part number 247077.
- A field supplied adapter fitting must be field installed for any refrigeration piping sizes not shown in the table.
- Refer to the *Technical Guide* for the outdoor unit for the proper refrigeration piping size.