

Technical Guide: XAF, XAH, and XAU Series - Add-On Coils for Use with Split-System Cooling and Heat Pumps

600 CFM to 2,000 CFM - 1.5 ton to 5 ton

York International Corporation, 5005 York Drive, Norman, OK 73069

6133680-UTG-A-0821

Supersedes: Nothing

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Contents

| | |
|--|----|
| Description..... | 5 |
| Certification..... | 5 |
| Features..... | 5 |
| Accessories..... | 6 |
| Nomenclature..... | 7 |
| Dimensions: XAF coils..... | 8 |
| Dimensions: XAH coils..... | 10 |
| Dimensions: XAU coils..... | 11 |
| Cooling capacity: XAF coils..... | 13 |
| Cooling capacity: XAH coils..... | 15 |
| Cooling capacity: XAU coils..... | 17 |
| Application factors..... | 18 |
| Application limitations..... | 18 |
| Static pressure versus airflow based on wet coil: XAF coils..... | 19 |
| Static pressure versus airflow based on wet coil: XAH coils..... | 21 |
| Static pressure versus airflow based on wet coil: XAU coils..... | 22 |
| Coil technical data: XAF coils..... | 22 |
| Coil technical data: XAH coils..... | 23 |
| Coil technical data: XAU coils..... | 24 |
| Airflow data: XAF coils..... | 25 |
| Airflow data: XAH coils..... | 26 |
| Airflow data: XAU coils..... | 28 |

Description

MaxAlloy™ aluminum indoor coils are specially designed for installation with our residential furnaces or modular air handlers as part of a matched air conditioning or heat pump system.

Our residential indoor coils can be applied with indoor thermostatic expansion valves (TXVs) according to the application. Most indoor coil models are available as flex coils for installation of the specific expansion device in the field. Select SKUs are available with factory-mounted TXVs or electronic expansion valves (EEVs). Refer to the *Technical Guide* for the matched outdoor unit to determine the required indoor expansion device for your specific application.

XAF series full-cased coils are suitable for upflow or downflow applications.

XAH series full-cased coils are designed for dedicated horizontal installation. They are shipped as horizontal left and are easily convertible to horizontal right.

XAU series uncased coils are designed for upflow or downflow applications installed on the leaving air end of gas furnaces. These coils can require field modification of the duct work.

Due to continuous product improvement, specifications are subject to change without notice. Visit us on the web at www.simplygettingthejobdone.com. Additional rating information can be found at www.ahridirectory.org.

This document is only for distribution use - it is not to be used at point of retail sale.

Certification



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.

MaxAlloy™ coil

These long-life aluminum coils are built to deliver lasting performance, efficiency, and reliability.

Foil-faced insulation

The 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.

Electronic expansion valve (EEV)

An EEV is factory installed on select models and sized to match with specific high-efficiency variable capacity outdoor units.

Compact cabinet

With the coil and access doors 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.

Thermoset drain pan

The drain pan is corrosion and UV resistant with a positive slope for proper 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.

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.

Accessories

Refer to the *Price Manual* for specific model numbers.

Thermostatic expansion valve (TXV) kits

TXV kits are available for flex coil applications with R-410A refrigerant. All TXV kits are non-braze, bolt-on connections including the valve assembly and equalizer tube. Do not use an orifice or any other metering device in conjunction with the TXV.

Coil casing without coil

Cases without coils are available in four widths that can be installed with the furnace or modular air handler during initial installation. This option is available to allow the installer the flexibility to add the coil at a later date without duct modifications.

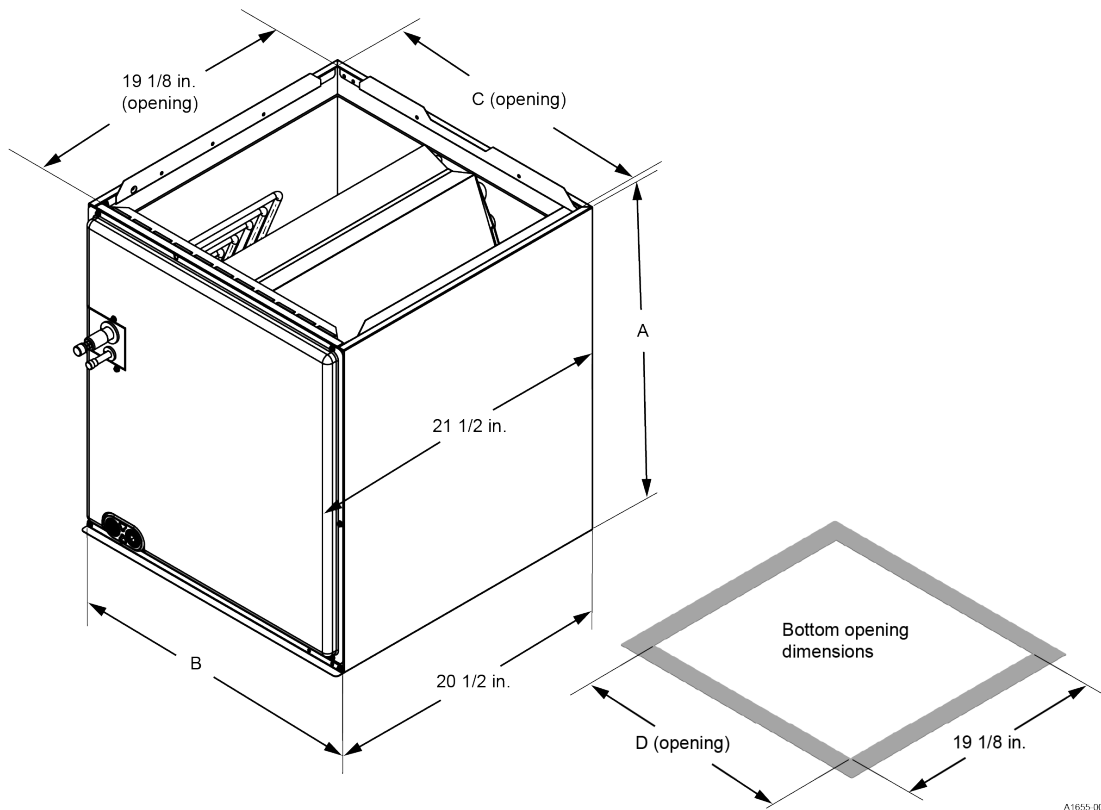
Nomenclature

Table 1: Nomenclature

| | | | |
|--|-----------|---|---------------------|
| Product type | X | X = Coil (indoor) | |
| Coil type | A | A = A coil | |
| | | S = Slab coil | |
| Configuration | F | F = Full cased, upflow or downflow | |
| | | H = Full cased, horizontal | |
| | | U = Uncased, upflow or downflow | |
| | | D = Horizontal duct | |
| Cabinet width | A | A = 14.5 in. | |
| | | B = 17.5 in. | |
| | | C = 21.0 in. | |
| | | D = 24.5 in. | |
| Nominal capacity | 24 | 18 = 1.5 ton | 42 = 3.5 ton |
| | | 24 = 2 ton | 48 = 4 ton |
| | | 30 = 2.5 ton | 60 = 5 ton |
| | | 36 = 3 ton | |
| Slab size | B | A = 2R-14-18 | F = 3R-24-14 |
| | | B = 2R-16-18 | G = 3R-28-12 |
| | | C = 2R-20-18 | H = 3R-32-12 |
| | | D = 3R-20-14 | J = 4R-28-12 |
| | | E = 3R-22-14 | |
| Metering device | XX | BA-BW = TXV part number | |
| | | E1-E9 = EEV part number | |
| | | XX = No valve (flex coil) | |
| Accessories | N | S = A2L sensor | |
| | | N = None (no sensor) | |
| Generation (major revision) | 1 | 1 = First generation | |
| | | 2 = Second generation | |
| Style letter (minor revision) not used for ordering | A | A = Style A | |
| | | B = Style B | |

Dimensions: XAF coils

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



A1655-001

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 | | |
| XAFC48FXXN1 | 27 | 21 | 20 | 20 | 55 | 57 | Flex | | |
| XAFD48FXXN1 | 27 | 24 1/2 | 23 1/2 | 23 1/2 | 58 | 60 | Flex | | |
| XAFC60GXXN1 | 33 | 21 | 20 | 20 | 64 | 66 | Flex | | |
| XAFD60GXXN1 | 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.

Dimensions: XAH coils

Figure 2: Dimensions - XAH full-cased horizontal left or right coil

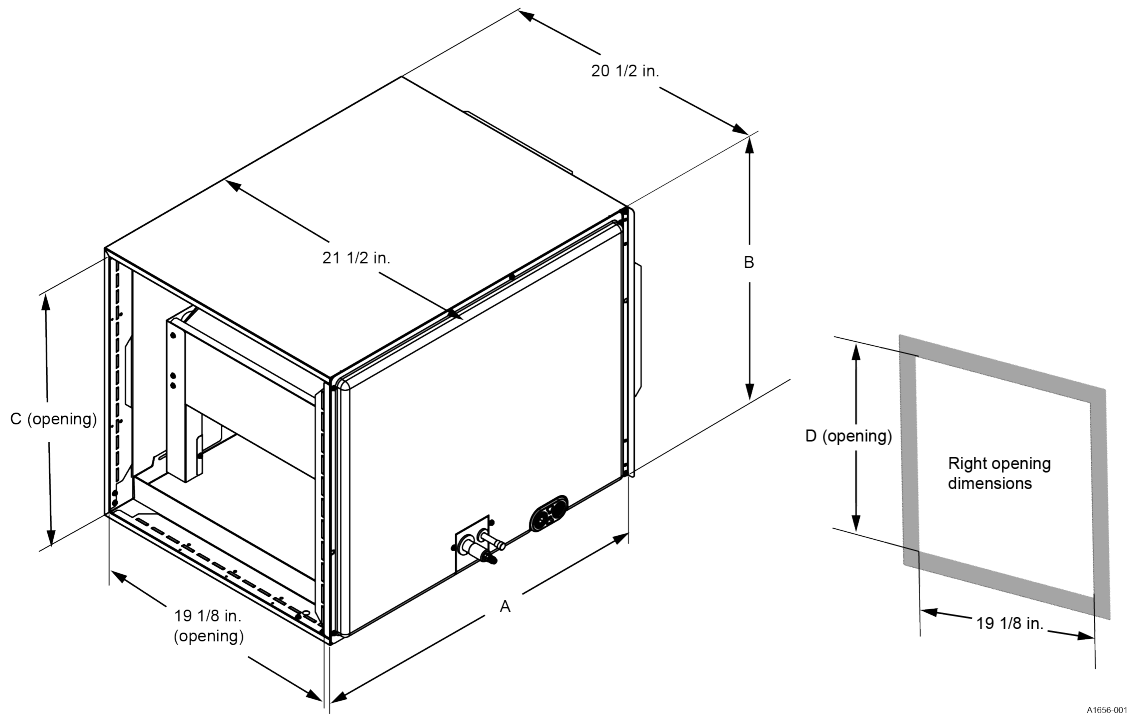


Table 3: Dimensions - XAH full-cased horizontal left or right coil

| Model | Dimensions | | | | Weight | | Metering device | Refrigerant connections line size | |
|-------------|------------|---------|-----------------|---------|---------------|----------------|-----------------|-----------------------------------|-------------|
| | Width | Height | Opening heights | | Shipping (lb) | Operating (lb) | | Liquid (in.) | Vapor (in.) |
| | A (in.) | B (in.) | C (in.) | D (in.) | | | | | |
| XAHA18AXXN1 | 23 | 14 1/2 | 13 1/2 | 13 1/2 | 38 | 39 | 3/8 | 3/4 | |
| XAHA24BXXN1 | 23 | 14 1/2 | 13 1/2 | 13 1/2 | 40 | 41 | | | |
| XAHB24BXXN1 | 23 | 17 1/2 | 16 1/2 | 16 1/2 | 38 | 39 | | | |
| XAHB30CXXN1 | 25 5/8 | 17 1/2 | 16 1/2 | 16 1/2 | 44 | 45 | | | |
| XAHC30CXXN1 | 27 | 21 | 20 | 20 | 53 | 54 | | | |
| XAHB36DXXN1 | 25 5/8 | 17 1/2 | 16 1/2 | 16 1/2 | 50 | 52 | | | |
| XAHC36DXXN1 | 27 | 21 | 20 | 20 | 58 | 60 | | | |
| XAHC42EXXN1 | 28 3/4 | 21 | 20 | 20 | 62 | 64 | | | |
| XAHD42EXXN1 | 32 3/4 | 24 1/2 | 23 1/2 | 23 1/2 | 67 | 69 | 7/8 | | |
| XAHC48FXXN1 | 33 | 21 | 20 | 20 | 73 | 75 | | | |
| XAHD48FXXN1 | 32 3/4 | 24 1/2 | 23 1/2 | 23 1/2 | 80 | 82 | | | |
| XAHC60GXXN1 | 37 1/4 | 21 | 20 | 20 | 68 | 70 | | | |
| XAHD60GXXN1 | 37 1/4 | 24 1/2 | 23 1/2 | 23 1/2 | 72 | 74 | | | |
| XAHC60HXXN1 | 39 | 21 | 20 | 20 | 78 | 80 | | | |
| XAHD60HXXN1 | 39 | 24 1/2 | 23 1/2 | 23 1/2 | 84 | 86 | | | |
| XAHD60JXXN1 | 37 1/4 | 24 1/2 | 23 1/2 | 23 1/2 | 83 | 85 | | | |

① **Note:**

- Refrigerant line sizes may require larger lines for extended line lengths. Refer to 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.

Dimensions: XAU coils

Figure 3: Dimensions - XAU uncased upflow or downflow coil

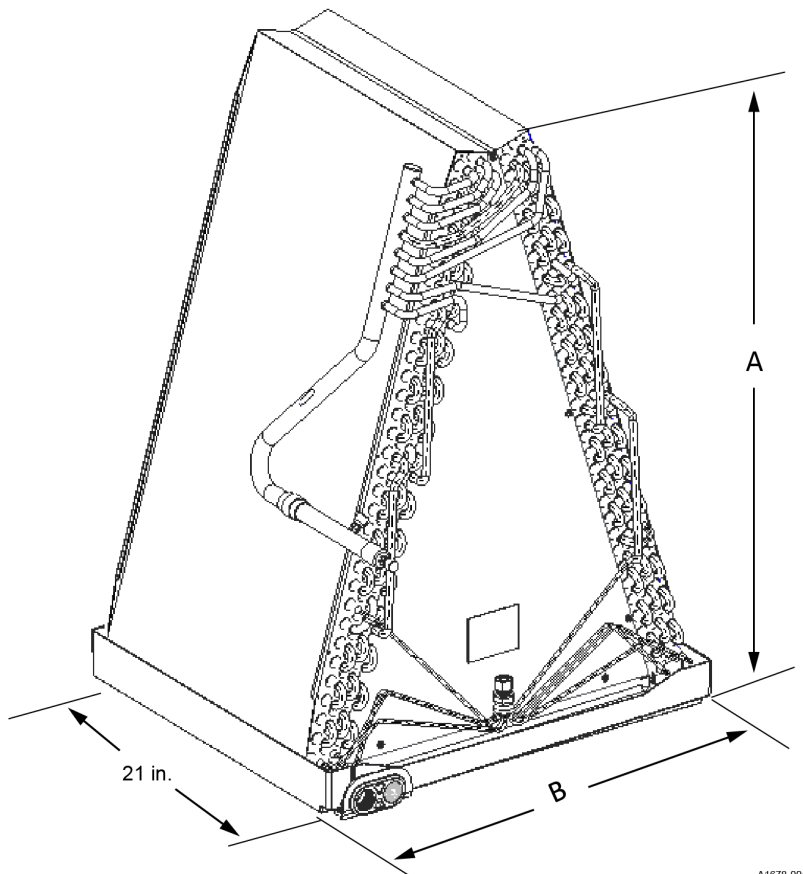


Table 4: Dimensions - XAU uncased upflow or downflow coil

| Model | Dimensions | | Weight | | Metering device | Refrigerant connections line size | |
|-------------|------------|---------|---------------|----------------|-----------------|-----------------------------------|-------------|
| | Height | Width | Shipping (lb) | Operating (lb) | | Liquid (in.) | Vapor (in.) |
| | A (in.) | B (in.) | | | | | |
| XAUA18AXXN1 | 16 5/8 | 13 | 17 | 16 | Flex | 3/8 | 3/4 |
| XAUA24BXXN1 | 18 3/4 | 13 | 19 | 18 | Flex | | |
| XAUB30CXXN1 | 21 1/4 | 16 | 21 | 20 | Flex | | |
| XAUB36DXXN1 | 21 1/2 | 16 | 27 | 26 | Flex | | |
| XAUC42EXXN1 | 23 | 19 1/2 | 30 | 28 | Flex | | |
| XAUC48FXXN1 | 25 | 19 1/2 | 33 | 31 | Flex | 7/8 | |
| XAUC60GXXN1 | 29 1/4 | 19 1/2 | 36 | 34 | Flex | | |
| XAUD60GXXN1 | 28 3/4 | 23 | 40 | 38 | Flex | | |
| XAUD60HXXN1 | 33 | 23 | 45 | 43 | Flex | | |

ⓘ Note:

- Refrigerant line sizes may require larger lines for extended line lengths. Refer to 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.

Cooling capacity: XAF coils

Table 5: Cooling capacity - XAF upflow or downflow full-cased coil (coil only*)

| Model | Rated CFM | Entering air dry/ wet bulb (°F) | MBH at evaporator temperature and corresponding R-410A pressure (°F/psig) | | | |
|----------|-----------|------------------------------------|--|----------|----------|----------|
| | | | 35/107.9 | 40/118.9 | 45/130.7 | 50/143.3 |
| XAFA18A | 600 | 85/72 | 43.2 | 38.4 | 32.9 | 26.9 |
| | | 80/67 | 34.8 | 29.9 | 24.4 | 18.9 |
| | | 75/62 | 27.2 | 22.4 | 17.3 | 11.7 |
| | | 70/57 | 20.6 | 15.8 | 10.7 | 8.1 |
| XAFB18A | 600 | 85/72 | 43.2 | 38.4 | 32.9 | 26.9 |
| | | 80/67 | 34.8 | 29.9 | 24.4 | 18.9 |
| | | 75/62 | 27.2 | 22.4 | 17.3 | 11.7 |
| | | 70/57 | 20.6 | 15.8 | 10.7 | 8.1 |
| XAFA24B | 800 | 85/72 | 54.8 | 49.2 | 43.0 | 35.8 |
| | | 80/67 | 44.7 | 39.0 | 32.3 | 25.2 |
| | | 75/62 | 35.4 | 29.5 | 23.0 | 15.5 |
| | | 70/57 | 27.0 | 20.9 | 14.2 | 10.9 |
| XAFB24B | 800 | 85/72 | 54.8 | 49.2 | 43.0 | 35.8 |
| | | 80/67 | 44.7 | 39.0 | 32.3 | 25.2 |
| | | 75/62 | 35.4 | 29.5 | 23.0 | 15.5 |
| | | 70/57 | 27.0 | 20.9 | 14.2 | 10.9 |
| XAFB30C | 1000 | 85/72 | 62.3 | 56.9 | 49.8 | 42.3 |
| | | 80/67 | 51.9 | 45.7 | 38.4 | 30.5 |
| | | 75/62 | 41.7 | 34.6 | 27.9 | 18.4 |
| | | 70/57 | 32.1 | 25.3 | 18.0 | 13.9 |
| X AFC30C | 1000 | 85/72 | 62.3 | 56.9 | 49.8 | 42.3 |
| | | 80/67 | 51.9 | 45.7 | 38.4 | 30.5 |
| | | 75/62 | 41.7 | 34.6 | 27.9 | 18.4 |
| | | 70/57 | 32.1 | 25.3 | 18.0 | 13.9 |
| XAFA30D | 1000 | 85/72 | 72.0 | 64.5 | 55.8 | 46.1 |
| | | 80/67 | 58.6 | 50.8 | 42.0 | 32.4 |
| | | 75/62 | 45.9 | 38.5 | 29.8 | 19.8 |
| | | 70/57 | 35.0 | 27.6 | 19.1 | 14.5 |
| XAFB36D | 1200 | 85/72 | 80.2 | 72.1 | 62.8 | 52.0 |
| | | 80/67 | 65.5 | 57.2 | 47.4 | 36.5 |
| | | 75/62 | 52.0 | 43.5 | 33.4 | 22.2 |
| | | 70/57 | 39.9 | 30.9 | 22.1 | 16.8 |
| X AFC36D | 1200 | 85/72 | 80.2 | 72.1 | 62.8 | 52.0 |
| | | 80/67 | 65.5 | 57.2 | 47.4 | 36.5 |
| | | 75/62 | 52.0 | 43.5 | 33.4 | 22.2 |
| | | 70/57 | 39.9 | 30.9 | 22.1 | 16.8 |
| XAFB36E | 1200 | 85/72 | 73.6 | 67.5 | 60.5 | 52.0 |
| | | 80/67 | 61.6 | 55.0 | 47.2 | 38.2 |
| | | 75/62 | 50.3 | 43.1 | 34.9 | 23.8 |
| | | 70/57 | 39.5 | 31.7 | 23.4 | 18.2 |
| X AFC42E | 1400 | 85/72 | 78.3 | 72.1 | 64.7 | 56.0 |
| | | 80/67 | 65.7 | 59.0 | 50.9 | 41.4 |
| | | 75/62 | 53.8 | 46.4 | 37.8 | 26.4 |
| | | 70/57 | 42.5 | 34.0 | 26.0 | 20.3 |
| XAFD42E | 1400 | 85/72 | 78.3 | 72.1 | 64.7 | 56.0 |
| | | 80/67 | 65.7 | 59.0 | 50.9 | 41.4 |
| | | 75/62 | 53.8 | 46.4 | 37.8 | 26.4 |
| | | 70/57 | 42.5 | 34.0 | 26.0 | 20.3 |

Table 5: Cooling capacity - XAF upflow or downflow full-cased coil (coil only*)

| Model | Rated CFM | Entering air dry/ wet bulb (°F) | MBH at evaporator temperature and corresponding R-410A pressure (°F/psig) | | | |
|---------|-----------|------------------------------------|--|----------|----------|----------|
| | | | 35/107.9 | 40/118.9 | 45/130.7 | 50/143.3 |
| XAFC48F | 1600 | 85/72 | 95.6 | 87.2 | 77.7 | 66.3 |
| | | 80/67 | 79.5 | 70.6 | 60.5 | 48.4 |
| | | 75/62 | 64.5 | 54.9 | 44.2 | 29.6 |
| | | 70/57 | 50.2 | 40.1 | 29.4 | 22.9 |
| XAFD48F | 1600 | 85/72 | 95.6 | 87.2 | 77.7 | 66.3 |
| | | 80/67 | 79.5 | 70.6 | 60.5 | 48.4 |
| | | 75/62 | 64.5 | 54.9 | 44.2 | 29.6 |
| | | 70/57 | 50.2 | 40.1 | 29.4 | 22.9 |
| XAFC60G | 1600 | 85/72 | 102.4 | 91.9 | 79.8 | 66.3 |
| | | 80/67 | 83.7 | 72.6 | 60.3 | 47.3 |
| | | 75/62 | 66.4 | 54.9 | 43.1 | 29.0 |
| | | 70/57 | 50.5 | 39.3 | 27.5 | 20.7 |
| XAFD60G | 1800 | 85/72 | 109.1 | 98.2 | 85.3 | 71.0 |
| | | 80/67 | 89.0 | 77.6 | 64.7 | 50.6 |
| | | 75/62 | 71.1 | 58.9 | 46.2 | 30.4 |
| | | 70/57 | 54.1 | 42.2 | 29.8 | 22.5 |
| XAFC60H | 1800 | 85/72 | 107.0 | 97.1 | 85.4 | 72.2 |
| | | 80/67 | 88.2 | 77.8 | 65.0 | 51.9 |
| | | 75/62 | 70.9 | 59.4 | 47.1 | 31.8 |
| | | 70/57 | 54.5 | 43.1 | 30.6 | 23.4 |
| XAFD60H | 1800 | 85/72 | 107.0 | 97.1 | 85.4 | 72.2 |
| | | 80/67 | 88.2 | 77.8 | 65.0 | 51.9 |
| | | 75/62 | 70.9 | 59.4 | 47.1 | 31.8 |
| | | 70/57 | 54.5 | 43.1 | 30.6 | 23.4 |
| XAFD60J | 1800 | 85/72 | 112.1 | 101.6 | 89.2 | 75.4 |
| | | 80/67 | 92.5 | 88.1 | 68.5 | 54.6 |
| | | 75/62 | 74.2 | 62.3 | 49.7 | 33.6 |
| | | 70/57 | 57.1 | 45.7 | 32.5 | 24.8 |

ⓘ **Note:** *Refer to the condensing unit or heat pump *Technical Guide* for the total cooling capacity and sensible capacity.

Cooling capacity: XAH coils

Table 6: Cooling capacity - XAH full-cased horizontal left or right coil (coil only*)

| Model | Rated CFM | Entering air dry/wet bulb (°F) | MBH at evaporator temperature and corresponding R-410A pressure (°F/psig) | | | |
|---------|-----------|--------------------------------|---|----------|----------|----------|
| | | | 35/107.9 | 40/118.9 | 45/130.7 | 50/143.3 |
| XAHA18A | 600 | 85/72 | 43.2 | 38.4 | 32.9 | 26.9 |
| | | 80/67 | 34.8 | 29.9 | 24.4 | 18.9 |
| | | 75/62 | 27.2 | 2.4 | 17.3 | 11.7 |
| | | 70/57 | 20.6 | 15.8 | 10.7 | 8.1 |
| XAHA24B | 800 | 85/72 | 54.8 | 49.2 | 43.0 | 35.8 |
| | | 80/67 | 44.7 | 39.0 | 32.3 | 25.2 |
| | | 75/62 | 35.4 | 29.5 | 23.0 | 15.5 |
| | | 70/57 | 27.0 | 20.9 | 14.2 | 10.9 |
| XAHB24B | 800 | 85/72 | 54.8 | 49.2 | 43.0 | 35.8 |
| | | 80/67 | 44.7 | 39.0 | 32.3 | 25.2 |
| | | 75/62 | 35.4 | 29.5 | 23.0 | 15.5 |
| | | 70/57 | 27.0 | 20.9 | 14.2 | 10.9 |
| XAHB30C | 1000 | 85/72 | 62.3 | 56.9 | 49.8 | 42.3 |
| | | 80/67 | 51.9 | 45.7 | 38.4 | 30.5 |
| | | 75/62 | 41.7 | 34.6 | 27.9 | 18.4 |
| | | 70/57 | 32.1 | 25.3 | 18.0 | 13.9 |
| XAHC30C | 1000 | 85/72 | 62.3 | 56.9 | 49.8 | 42.3 |
| | | 80/67 | 51.9 | 45.7 | 38.4 | 30.5 |
| | | 75/62 | 41.7 | 34.6 | 27.9 | 18.4 |
| | | 70/57 | 32.1 | 25.3 | 18.0 | 13.9 |
| XAHB36D | 1200 | 85/72 | 80.2 | 72.1 | 62.8 | 52.0 |
| | | 80/67 | 65.5 | 57.2 | 47.4 | 36.5 |
| | | 75/62 | 52.0 | 43.5 | 33.4 | 22.2 |
| | | 70/57 | 39.9 | 30.9 | 22.1 | 16.8 |
| XAHC36D | 1200 | 85/72 | 80.2 | 72.1 | 62.8 | 52.0 |
| | | 80/67 | 65.5 | 57.2 | 47.4 | 36.5 |
| | | 75/62 | 52.0 | 43.5 | 33.4 | 22.2 |
| | | 70/57 | 39.9 | 30.9 | 22.1 | 16.8 |
| XAHC42E | 1400 | 85/72 | 78.3 | 72.1 | 64.7 | 56.0 |
| | | 80/67 | 65.7 | 59.0 | 50.9 | 41.4 |
| | | 75/62 | 53.8 | 46.4 | 37.8 | 26.4 |
| | | 70/57 | 42.5 | 34.0 | 26.0 | 20.3 |
| XAHD42E | 1400 | 85/72 | 78.3 | 72.1 | 64.7 | 56.0 |
| | | 80/67 | 65.7 | 59.0 | 50.9 | 41.4 |
| | | 75/62 | 53.8 | 46.4 | 37.8 | 26.4 |
| | | 70/57 | 42.5 | 34.0 | 26.0 | 20.3 |
| XAHC48F | 1600 | 85/72 | 95.6 | 87.2 | 77.7 | 66.3 |
| | | 80/67 | 79.5 | 70.6 | 60.5 | 48.4 |
| | | 75/62 | 64.5 | 54.9 | 44.2 | 29.6 |
| | | 70/57 | 50.2 | 40.1 | 29.4 | 22.9 |
| XAHD48F | 1600 | 85/72 | 95.6 | 87.2 | 77.7 | 66.3 |
| | | 80/67 | 79.5 | 70.6 | 60.5 | 48.4 |
| | | 75/62 | 64.5 | 54.9 | 44.2 | 29.6 |
| | | 70/57 | 50.2 | 40.1 | 29.4 | 22.9 |
| XAHC60G | 1800 | 85/72 | 102.4 | 91.9 | 79.8 | 66.3 |
| | | 80/67 | 83.7 | 72.6 | 60.3 | 47.3 |
| | | 75/62 | 66.4 | 54.9 | 43.1 | 29.0 |
| | | 70/57 | 50.5 | 39.3 | 27.5 | 20.7 |

Table 6: Cooling capacity - XAH full-cased horizontal left or right coil (coil only*)

| Model | Rated CFM | Entering air dry/wet bulb (°F) | MBH at evaporator temperature and corresponding R-410A pressure (°F/psig) | | | |
|---------|-----------|--------------------------------|---|----------|----------|----------|
| | | | 35/107.9 | 40/118.9 | 45/130.7 | 50/143.3 |
| XAHD60G | 1800 | 85/72 | 109.1 | 98.2 | 85.3 | 71.0 |
| | | 80/67 | 89.0 | 77.6 | 64.7 | 50.6 |
| | | 75/62 | 71.1 | 58.9 | 46.2 | 30.4 |
| | | 70/57 | 54.1 | 42.2 | 29.8 | 22.5 |
| XAHC60H | 1800 | 85/72 | 107.0 | 97.1 | 85.4 | 72.2 |
| | | 80/67 | 88.2 | 77.8 | 65.0 | 51.9 |
| | | 75/62 | 70.9 | 59.4 | 47.1 | 31.8 |
| | | 70/57 | 54.5 | 43.1 | 30.6 | 23.4 |
| XAHD60H | 1800 | 85/72 | 107.0 | 97.1 | 85.4 | 72.2 |
| | | 80/67 | 88.2 | 77.8 | 65.0 | 51.9 |
| | | 75/62 | 70.9 | 59.4 | 47.1 | 31.8 |
| | | 70/57 | 54.5 | 43.1 | 30.6 | 23.4 |
| XAHD60J | 1800 | 85/72 | 112.1 | 101.6 | 89.2 | 75.4 |
| | | 80/67 | 92.5 | 88.1 | 68.5 | 54.6 |
| | | 75/62 | 74.2 | 62.3 | 49.7 | 33.6 |
| | | 70/57 | 57.1 | 45.7 | 32.5 | 24.8 |

ⓘ **Note:** *Refer to the condensing unit or heat pump *Technical Guide* for the total cooling capacity and sensible capacity.

Cooling capacity: XAU coils

Table 7: Cooling capacity - XAU uncased upflow or downflow coil (coil only*)

| Model | Rated CFM | Entering air dry/wet bulb (°F) | MBH at evaporator temperature and corresponding R-410A pressure (°F/psig) | | | |
|---------|-----------|--------------------------------|---|----------|----------|----------|
| | | | 35/107.9 | 40/118.9 | 45/130.7 | 50/143.3 |
| XAUA18A | 600 | 85/72 | 43.2 | 38.4 | 32.9 | 26.9 |
| | | 80/67 | 34.8 | 29.9 | 24.4 | 18.9 |
| | | 75/62 | 27.2 | 22.4 | 17.3 | 11.7 |
| | | 70/57 | 20.6 | 15.8 | 10.7 | 8.1 |
| XAUA24B | 800 | 85/72 | 54.8 | 49.2 | 43.0 | 35.8 |
| | | 80/67 | 44.7 | 39.0 | 32.3 | 25.2 |
| | | 75/62 | 35.4 | 29.5 | 23.0 | 15.5 |
| | | 70/57 | 27.0 | 20.9 | 14.2 | 10.9 |
| XAUB30C | 1000 | 85/72 | 62.3 | 56.9 | 49.8 | 42.3 |
| | | 80/67 | 51.9 | 45.7 | 38.4 | 30.5 |
| | | 75/62 | 41.7 | 34.6 | 27.9 | 18.4 |
| | | 70/57 | 32.1 | 25.3 | 18.0 | 13.9 |
| XAUB36D | 1200 | 85/72 | 80.2 | 72.1 | 62.8 | 52.0 |
| | | 80/67 | 65.5 | 57.2 | 47.4 | 36.5 |
| | | 75/62 | 52.0 | 43.5 | 33.4 | 22.2 |
| | | 70/57 | 39.9 | 30.9 | 22.1 | 16.8 |
| XAUC42E | 1400 | 85/72 | 78.3 | 72.1 | 64.7 | 56.0 |
| | | 80/67 | 65.7 | 59.0 | 50.9 | 41.4 |
| | | 75/62 | 53.8 | 46.4 | 37.8 | 26.4 |
| | | 70/57 | 42.5 | 34.0 | 26.0 | 20.3 |
| XAUC48F | 1600 | 85/72 | 95.6 | 87.2 | 77.7 | 66.3 |
| | | 80/67 | 79.5 | 70.6 | 60.5 | 48.4 |
| | | 75/62 | 64.5 | 54.9 | 44.2 | 29.6 |
| | | 70/57 | 50.2 | 40.1 | 29.4 | 22.9 |
| XAUC60G | 1600 | 85/72 | 102.4 | 91.9 | 79.8 | 66.3 |
| | | 80/67 | 83.7 | 72.6 | 60.3 | 47.3 |
| | | 75/62 | 66.4 | 54.9 | 43.1 | 29.0 |
| | | 70/57 | 50.5 | 39.3 | 27.5 | 20.7 |
| XAUD60G | 1800 | 85/72 | 109.1 | 98.2 | 85.3 | 71.0 |
| | | 80/67 | 89.0 | 77.6 | 64.7 | 50.6 |
| | | 75/62 | 71.1 | 58.9 | 46.2 | 30.4 |
| | | 70/57 | 54.1 | 42.2 | 29.8 | 22.5 |
| XAUD60H | 1800 | 85/72 | 107.0 | 97.1 | 85.4 | 72.2 |
| | | 80/67 | 88.2 | 77.8 | 65.0 | 51.9 |
| | | 75/62 | 70.9 | 59.4 | 47.1 | 31.8 |
| | | 70/57 | 54.5 | 43.1 | 30.6 | 23.4 |

① **Note:** *Refer to the condensing unit or heat pump *Technical Guide* for the total cooling capacity and sensible capacity.

Application factors

Table 8: Application factors - rated CFM versus actual CFM - XAF, XAH, and XAU coils

| % of rated airflow (CFM)* | 80% | 90% | 100% | 110% | 120% |
|---------------------------|------|------|------|------|------|
| Capacity factor | 0.96 | 0.98 | 1 | 1.02 | 1.03 |

Note: *Do not exceed the minimum and maximum CFM limits shown in [Airflow data: XAF coils](#), [Airflow data: XAH coils](#), and [Airflow data: XAU coils](#).

Application limitations

These units must be installed in accordance with all national and local safety codes.

Airflow must be within the minimum and maximum limits approved for electric heat, indoor coils, and outdoor units.

Static pressure versus airflow based on wet coil: XAF coils

Table 9: Static pressure versus airflow based on wet coil - XAF upflow or downflow full-cased A coil

| Model | Airflow | Static |
|---------|---------|--------|
| XAFA18A | 525 | 0.13 |
| | 600 | 0.15 |
| | 675 | 0.18 |
| XAFB18A | 525 | 0.11 |
| | 600 | 0.12 |
| | 675 | 0.14 |
| XAFA24B | 700 | 0.21 |
| | 800 | 0.25 |
| | 900 | 0.29 |
| XAFB24B | 700 | 0.15 |
| | 800 | 0.17 |
| | 900 | 0.19 |
| XAFB30C | 875 | 0.16 |
| | 1000 | 0.19 |
| | 1125 | 0.21 |
| XAFC30C | 875 | 0.16 |
| | 1000 | 0.18 |
| | 1125 | 0.20 |
| XAFA30D | 875 | 0.31 |
| | 1000 | 0.37 |
| | 1125 | 0.44 |
| XAFB36D | 1050 | 0.26 |
| | 1200 | 0.31 |
| | 1350 | 0.37 |
| XAFC36D | 1050 | 0.23 |
| | 1200 | 0.27 |
| | 1350 | 0.32 |
| XAFB36E | 1050 | 0.28 |
| | 1200 | 0.33 |
| | 1350 | 0.39 |
| XAFC42E | 1225 | 0.27 |
| | 1400 | 0.31 |
| | 1575 | 0.36 |
| XAFD42E | 1225 | 0.24 |
| | 1400 | 0.27 |
| | 1575 | 0.31 |
| XAFC48F | 1400 | 0.28 |
| | 1600 | 0.33 |
| | 1800 | 0.39 |
| XAFD48F | 1400 | 0.24 |
| | 1600 | 0.27 |
| | 1800 | 0.32 |
| XAFC60G | 1550 | 0.25 |
| | 1800 | 0.32 |
| | 2050 | 0.40 |
| XAFD60G | 1550 | 0.23 |
| | 1800 | 0.28 |
| | 2050 | 0.33 |

Table 9: Static pressure versus airflow based on wet coil - XAF upflow or downflow full-cased A coil

| Model | Airflow | Static |
|--------------|----------------|---------------|
| XAFC60H | 1550 | 0.24 |
| | 1800 | 0.30 |
| | 2050 | 0.37 |
| XAFD60H | 1550 | 0.25 |
| | 1800 | 0.31 |
| | 2050 | 0.39 |
| XAFD60J | 1550 | 0.36 |
| | 1800 | 0.46 |
| | 2050 | 0.58 |

Static pressure versus airflow based on wet coil: XAH coils

Table 10: Static pressure versus airflow based on wet coil - XAH full-cased horizontal left or right A coil

| Model | Airflow | Static |
|---------|---------|--------|
| XAHA18A | 525 | 0.15 |
| | 600 | 0.17 |
| | 675 | 0.20 |
| XAHA24B | 700 | 0.22 |
| | 800 | 0.27 |
| | 900 | 0.31 |
| XAHB24B | 700 | 0.17 |
| | 800 | 0.20 |
| | 900 | 0.23 |
| XAHB30C | 875 | 0.22 |
| | 1000 | 0.25 |
| | 1125 | 0.30 |
| XAHC30C | 875 | 0.18 |
| | 1000 | 0.21 |
| | 1125 | 0.24 |
| XAHB36D | 1050 | 0.36 |
| | 1200 | 0.45 |
| | 1350 | 0.54 |
| XAHC36D | 1050 | 0.26 |
| | 1200 | 0.31 |
| | 1350 | 0.37 |
| XAHC42E | 1225 | 0.32 |
| | 1400 | 0.39 |
| | 1575 | 0.46 |
| XAHD42E | 1225 | 0.29 |
| | 1400 | 0.33 |
| | 1575 | 0.39 |
| XAHC48F | 1400 | 0.34 |
| | 1600 | 0.41 |
| | 1800 | 0.49 |
| XAHD48F | 1400 | 0.25 |
| | 1600 | 0.29 |
| | 1800 | 0.34 |
| XAHC60G | 1550 | 0.24 |
| | 1800 | 0.33 |
| | 2050 | 0.43 |
| XAHD60G | 1550 | 0.29 |
| | 1800 | 0.35 |
| | 2050 | 0.42 |
| XAHC60H | 1550 | 0.22 |
| | 1800 | 0.31 |
| | 2050 | 0.41 |
| XAHD60H | 1550 | 0.29 |
| | 1800 | 0.37 |
| | 2050 | 0.48 |
| XAHD60J | 1550 | 0.37 |
| | 1800 | 0.50 |
| | 2050 | 0.64 |

Static pressure versus airflow based on wet coil: XAU coils

Table 11: Static pressure versus airflow based on wet coil - XAU uncased upflow or downflow A coil

| Model | Airflow | Static |
|---------|---------|--------|
| XAUA18A | 700 | 0.13 |
| | 900 | 0.15 |
| | 675 | 0.18 |
| XAUA24B | 650 | 0.21 |
| | 800 | 0.25 |
| | 900 | 0.29 |
| XAUB30C | 875 | 0.16 |
| | 1000 | 0.19 |
| | 1125 | 0.21 |
| XAUB36D | 1050 | 0.26 |
| | 1200 | 0.31 |
| | 1350 | 0.37 |
| XAUC42E | 1225 | 0.27 |
| | 1400 | 0.31 |
| | 1575 | 0.36 |
| XAUC48F | 1400 | 0.28 |
| | 1600 | 0.33 |
| | 1800 | 0.39 |
| XAUC60G | 1550 | 0.25 |
| | 1800 | 0.32 |
| | 2050 | 0.40 |
| XAUD60G | 1550 | 0.23 |
| | 1800 | 0.28 |
| | 2050 | 0.33 |
| XAUD60H | 1550 | 0.36 |
| | 1800 | 0.46 |
| | 2050 | 0.58 |

Coil technical data: XAF coils

Table 12: Coil technical data - XAF upflow or downflow full-cased coil

| Model | Application | Refrig. conn. types | Face area (sq. ft) | Rows deep | Fins per in. | Coil size | Tube geometry | Tube diameter | Fin type | Shipping weight (lb) | Installed weight (lb) |
|-------------|-------------------|---------------------|--------------------|-----------|--------------|-------------|---------------|---------------|----------|----------------------|-----------------------|
| XAFA18AXXN1 | Cooling/heat pump | Sweat | 3.3 | 2 | 18 | (2) 14 x 17 | 1 x 0.675 | 3/8 | Lanced | 31 | 32 |
| XAFB18AXXN1 | Cooling/heat pump | Sweat | 3.3 | 2 | 18 | (2) 14 x 17 | 1 x 0.675 | 3/8 | Lanced | 32 | 33 |
| XAFA24BXXN1 | Cooling/heat pump | Sweat | 3.8 | 2 | 18 | (2) 16 x 17 | 1 x 0.675 | 3/8 | Lanced | 33 | 34 |
| XAFB24BXXN1 | Cooling/heat pump | Sweat | 3.8 | 2 | 18 | (2) 16 x 17 | 1 x 0.675 | 3/8 | Lanced | 36 | 37 |
| XAFB30CXXN1 | Cooling/heat pump | Sweat | 4.7 | 2 | 18 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 41 | 42 |
| XAFC30CXXN1 | Cooling/heat pump | Sweat | 4.7 | 2 | 18 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 46 | 48 |

Table 12: Coil technical data - XAF upflow or downflow full-cased coil

| Model | Application | Refrig. conn. types | Face area (sq. ft) | Rows deep | Fins per in. | Coil size | Tube geometry | Tube diameter | Fin type | Shipping weight (lb) | Installed weight (lb) |
|-------------|-------------------|---------------------|--------------------|-----------|--------------|-------------|---------------|---------------|----------|----------------------|-----------------------|
| XAFA30DXXN1 | Cooling/heat pump | Sweat | 4.7 | 3 | 14 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 41 | 42 |
| XAFB36DXXN1 | Cooling/heat pump | Sweat | 4.7 | 3 | 14 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 48 | 49 |
| XAFC36DXXN1 | Cooling/heat pump | Sweat | 4.7 | 3 | 14 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 47 | 49 |
| XAFB36EXXN1 | Cooling/heat pump | Sweat | 5.2 | 3 | 14 | (2) 22 x 17 | 1 x 0.675 | 3/8 | Lanced | 50 | 51 |
| XAFC42EXXN1 | Cooling/heat pump | Sweat | 5.2 | 3 | 14 | (2) 22 x 17 | 1 x 0.675 | 3/8 | Lanced | 52 | 54 |
| XAFD42EXXN1 | Cooling/heat pump | Sweat | 5.2 | 3 | 14 | (2) 22 x 17 | 1 x 0.675 | 3/8 | Lanced | 56 | 58 |
| XAFC48FXXN1 | Cooling/heat pump | Sweat | 5.7 | 3 | 12 | (2) 24 x 17 | 1 x 0.675 | 3/8 | Lanced | 55 | 57 |
| XAFD48FXXN1 | Cooling/heat pump | Sweat | 5.7 | 3 | 12 | (2) 24 x 17 | 1 x 0.675 | 3/8 | Lanced | 58 | 60 |
| XAFC60GXXN1 | Cooling/heat pump | Sweat | 6.6 | 3 | 12 | (2) 28 x 17 | 1 x 0.675 | 3/8 | Lanced | 64 | 66 |
| XAFD60GXXN1 | Cooling/heat pump | Sweat | 6.6 | 3 | 12 | (2) 28 x 17 | 1 x 0.675 | 3/8 | Lanced | 66 | 68 |
| XAFC60HXXN1 | Cooling/heat pump | Sweat | 7.6 | 3 | 12 | (2) 32 x 17 | 1 x 0.675 | 3/8 | Lanced | 70 | 72 |
| XAFD60HXXN1 | Cooling/heat pump | Sweat | 7.6 | 3 | 12 | (2) 32 x 17 | 1 x 0.675 | 3/8 | Lanced | 74 | 76 |
| XAFD60JXXN1 | Cooling/heat pump | Sweat | 6.6 | 4 | 12 | (2) 28 x 17 | 1 x 0.675 | 3/8 | Lanced | 73 | 75 |

Coil technical data: XAH coils

Table 13: Coil technical data - XAH full-cased horizontal left or right coil

| Model | Application | Refrig. conn. types | Face area (sq. ft) | Rows deep | Fins per in. | Coil size | Tube geometry | Tube diameter | Fin type | Shipping weight (lb) | Installed weight (lb) |
|-------------|-------------------|---------------------|--------------------|-----------|--------------|-------------|---------------|---------------|----------|----------------------|-----------------------|
| XAHA18AXXN1 | Cooling/heat pump | Sweat | 3.3 | 2 | 18 | (2) 14 x 17 | 1 x 0.675 | 3/8 | Lanced | 38 | 39 |
| XAHA24BXXN1 | Cooling/heat pump | Sweat | 3.8 | 2 | 18 | (2) 16 x 17 | 1 x 0.675 | 3/8 | Lanced | 40 | 41 |
| XAHB24BXXN1 | Cooling/heat pump | Sweat | 3.8 | 2 | 18 | (2) 16 x 17 | 1 x 0.675 | 3/8 | Lanced | 38 | 39 |
| XAHB30CXXN1 | Cooling/heat pump | Sweat | 4.7 | 2 | 18 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 44 | 45 |
| XAHC30CXXN1 | Cooling/heat pump | Sweat | 4.7 | 2 | 18 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 53 | 54 |
| XAHB36DXXN1 | Cooling/heat pump | Sweat | 4.7 | 3 | 14 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 50 | 52 |
| XAHC36DXXN1 | Cooling/heat pump | Sweat | 4.7 | 3 | 14 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 58 | 60 |
| XAHC42EXXN1 | Cooling/heat pump | Sweat | 5.2 | 3 | 14 | (2) 22 x 17 | 1 x 0.675 | 3/8 | Lanced | 62 | 64 |
| XAHD42EXXN1 | Cooling/heat pump | Sweat | 5.2 | 3 | 14 | (2) 22 x 17 | 1 x 0.675 | 3/8 | Lanced | 67 | 69 |

Table 13: Coil technical data - XAH full-cased horizontal left or right coil

| Model | Application | Refrig. conn. types | Face area (sq. ft) | Rows deep | Fins per in. | Coil size | Tube geometry | Tube diameter | Fin type | Shipping weight (lb) | Installed weight (lb) |
|-------------|-------------------|---------------------|--------------------|-----------|--------------|-------------|---------------|---------------|----------|----------------------|-----------------------|
| XAHC48FXXN1 | Cooling/heat pump | Sweat | 5.7 | 3 | 12 | (2) 24 x 17 | 1 x 0.675 | 3/8 | Lanced | 73 | 75 |
| XAHD48FXXN1 | Cooling/heat pump | Sweat | 5.7 | 3 | 12 | (2) 24 x 17 | 1 x 0.675 | 3/8 | Lanced | 80 | 82 |
| XAHC60GXXN1 | Cooling/heat pump | Sweat | 6.6 | 3 | 12 | (2) 28 x 17 | 1 x 0.675 | 3/8 | Lanced | 68 | 70 |
| XAHD60GXXN1 | Cooling/heat pump | Sweat | 6.6 | 3 | 12 | (2) 28 x 17 | 1 x 0.675 | 3/8 | Lanced | 72 | 74 |
| XAHC60HXXN1 | Cooling/heat pump | Sweat | 7.6 | 3 | 12 | (2) 32 x 17 | 1 x 0.675 | 3/8 | Lanced | 78 | 80 |
| XAHD60HXXN1 | Cooling/heat pump | Sweat | 7.6 | 3 | 12 | (2) 32 x 17 | 1 x 0.675 | 3/8 | Lanced | 84 | 86 |
| XAHD60JXXN1 | Cooling/heat pump | Sweat | 6.6 | 4 | 12 | (2) 28 x 17 | 1 x 0.675 | 3/8 | Lanced | 83 | 85 |

Coil technical data: XAU coils

Table 14: Coil technical data - XAU uncased upflow or downflow coil

| Model | Application | Refrig. conn. types | Face area (sq. ft) | Rows deep | Fins per in. | Coil size | Tube geometry | Tube diameter | Fin type | Shipping weight (lb) | Installed weight (lb) |
|-------------|-------------------|---------------------|--------------------|-----------|--------------|-------------|---------------|---------------|----------|----------------------|-----------------------|
| XAUA18AXXN1 | Cooling/heat pump | Sweat | 3.3 | 2 | 18 | (2) 14 x 17 | 1 x 0.675 | 3/8 | Lanced | 17 | 16 |
| XAUA24BXXN1 | Cooling/heat pump | Sweat | 3.8 | 2 | 18 | (2) 16 x 17 | 1 x 0.675 | 3/8 | Lanced | 19 | 18 |
| XAUB30CXXN1 | Cooling/heat pump | Sweat | 4.7 | 2 | 18 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 21 | 20 |
| XAUB36DXXN1 | Cooling/heat pump | Sweat | 4.7 | 3 | 14 | (2) 20 x 17 | 1 x 0.675 | 3/8 | Lanced | 27 | 26 |
| XAUC42EXXN1 | Cooling/heat pump | Sweat | 5.2 | 3 | 14 | (2) 22 x 17 | 1 x 0.675 | 3/8 | Lanced | 30 | 28 |
| XAUC48FXXN1 | Cooling/heat pump | Sweat | 5.7 | 3 | 12 | (2) 24 x 17 | 1 x 0.675 | 3/8 | Lanced | 33 | 31 |
| XAUC60GXXN1 | Cooling/heat pump | Sweat | 6.6 | 3 | 12 | (2) 28 x 17 | 1 x 0.675 | 3/8 | Lanced | 36 | 34 |
| XAUD60GXXN1 | Cooling/heat pump | Sweat | 6.6 | 3 | 12 | (2) 28 x 17 | 1 x 0.675 | 3/8 | Lanced | 40 | 38 |
| XAUD60HXXN1 | Cooling/heat pump | Sweat | 7.6 | 3 | 12 | (2) 32 x 17 | 1 x 0.675 | 3/8 | Lanced | 45 | 43 |

Airflow data: XAF coils

Table 15: XAF airflow data (CFM) - upflow

| Models | CFM | | | | | | | | |
|---------|-------------------------------------|------|------|------|------|------|------|------|------|
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| | External static pressure (in. W.C.) | | | | | | | | |
| XAFA18A | 0.05 | 0.11 | 0.18 | n/a | n/a | n/a | n/a | n/a | n/a |
| XAFB18A | 0.04 | 0.07 | 0.13 | n/a | n/a | n/a | n/a | n/a | n/a |
| XAFA24B | 0.05 | 0.11 | 0.19 | 0.28 | n/a | n/a | n/a | n/a | n/a |
| XAFB24B | 0.03 | 0.07 | 0.11 | 0.16 | n/a | n/a | n/a | n/a | n/a |
| XAFB30C | 0.04 | 0.07 | 0.11 | 0.15 | 0.21 | n/a | n/a | n/a | n/a |
| XAFC30C | 0.03 | 0.06 | 0.08 | 0.12 | 0.16 | n/a | n/a | n/a | n/a |
| XAFA30D | 0.06 | 0.12 | 0.20 | 0.29 | n/a | n/a | n/a | n/a | n/a |
| XAFB36D | 0.03 | 0.06 | 0.11 | 0.16 | 0.23 | 0.30 | n/a | n/a | n/a |
| XAFC36D | 0.02 | 0.05 | 0.10 | 0.14 | 0.20 | 0.25 | n/a | n/a | n/a |
| XAFB36E | 0.03 | 0.07 | 0.11 | 0.16 | 0.23 | n/a | n/a | n/a | n/a |
| XAFC42E | 0.02 | 0.04 | 0.08 | 0.11 | 0.16 | 0.21 | 0.27 | n/a | n/a |
| XAFD42E | 0.02 | 0.05 | 0.07 | 0.10 | 0.13 | 0.17 | 0.21 | n/a | n/a |
| XAFC48F | 0.01 | 0.04 | 0.07 | 0.10 | 0.14 | 0.19 | 0.24 | 0.30 | n/a |
| XAFD48F | 0.02 | 0.04 | 0.06 | 0.08 | 0.11 | 0.15 | 0.19 | 0.23 | n/a |
| XAFC60G | 0.01 | 0.03 | 0.05 | 0.08 | 0.12 | 0.16 | 0.22 | 0.27 | 0.33 |
| XAFD60G | 0.01 | 0.02 | 0.04 | 0.06 | 0.09 | 0.12 | 0.15 | 0.19 | 0.23 |
| XAFC60H | 0.02 | 0.04 | 0.06 | 0.09 | 0.12 | 0.16 | 0.21 | 0.26 | 0.31 |
| XAFD60H | 0.01 | 0.03 | 0.05 | 0.06 | 0.09 | 0.11 | 0.15 | 0.18 | 0.22 |
| XAFD60J | 0.01 | 0.03 | 0.06 | 0.08 | 0.12 | 0.18 | 0.22 | 0.26 | 0.31 |

Note:

- Airflow data is for dry coil conditions only, tested without filters.
- For optimal performance, external static pressures of 0.2 in. W.C. to 0.6 in. W.C. are recommended. Applications above 0.6 in. W.C. are not recommended.

Table 16: XAF airflow data (CFM) - downflow

| Models | CFM | | | | | | | | |
|---------|-------------------------------------|------|------|------|------|------|------|------|------|
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| | External static pressure (in. W.C.) | | | | | | | | |
| XAFA18A | 0.07 | 0.16 | 0.26 | n/a | n/a | n/a | n/a | n/a | n/a |
| XAFB18A | 0.05 | 0.11 | 0.19 | n/a | n/a | n/a | n/a | n/a | n/a |
| XAFA24B | 0.06 | 0.13 | 0.23 | 0.34 | n/a | n/a | n/a | n/a | n/a |
| XAFB24B | 0.05 | 0.09 | 0.16 | 0.24 | n/a | n/a | n/a | n/a | n/a |
| XAFB30C | 0.05 | 0.09 | 0.15 | 0.21 | 0.29 | n/a | n/a | n/a | n/a |
| XAFC30C | 0.04 | 0.07 | 0.11 | 0.16 | 0.22 | n/a | n/a | n/a | n/a |
| XAFA30D | 0.08 | 0.18 | 0.29 | 0.43 | n/a | n/a | n/a | n/a | n/a |

Table 16: XAF airflow data (CFM) - downflow

| Models | CFM | | | | | | | | |
|---------|-------------------------------------|------|------|------|------|------|------|------|------|
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| | External static pressure (in. W.C.) | | | | | | | | |
| XAFB36D | 0.04 | 0.09 | 0.16 | 0.24 | 0.33 | 0.45 | n/a | n/a | n/a |
| XAFC36D | 0.03 | 0.07 | 0.11 | 0.16 | 0.23 | 0.31 | n/a | n/a | n/a |
| XAFB36E | 0.05 | 0.10 | 0.16 | 0.24 | 0.34 | n/a | n/a | n/a | n/a |
| XAFC42E | 0.03 | 0.06 | 0.11 | 0.15 | 0.22 | 0.28 | 0.38 | n/a | n/a |
| XAFD42E | 0.03 | 0.06 | 0.09 | 0.13 | 0.17 | 0.23 | 0.29 | n/a | n/a |
| XAFC48F | 0.02 | 0.05 | 0.09 | 0.13 | 0.19 | 0.27 | 0.34 | 0.43 | n/a |
| XAFD48F | 0.02 | 0.05 | 0.08 | 0.11 | 0.15 | 0.20 | 0.26 | 0.33 | n/a |
| XAFC60G | 0.02 | 0.04 | 0.08 | 0.12 | 0.17 | 0.23 | 0.30 | 0.38 | 0.47 |
| XAFD60G | 0.01 | 0.03 | 0.06 | 0.09 | 0.13 | 0.17 | 0.23 | 0.28 | 0.34 |
| XAFC60H | 0.03 | 0.05 | 0.09 | 0.13 | 0.18 | 0.24 | 0.32 | 0.40 | 0.49 |
| XAFD60H | 0.02 | 0.04 | 0.06 | 0.09 | 0.13 | 0.16 | 0.21 | 0.27 | 0.33 |
| XAFD60J | 0.02 | 0.04 | 0.07 | 0.11 | 0.16 | 0.22 | 0.28 | 0.34 | 0.42 |

Note:

- Airflow data is for dry coil conditions only, tested without filters.
- For optimal performance, external static pressures of 0.2 in. W.C. to 0.6 in. W.C. are recommended. Applications above 0.6 in. W.C. are not recommended.

Airflow data: XAH coils

Table 17: XAH airflow data (CFM) - horizontal left

| Models | CFM | | | | | | | | |
|---------|-------------------------------------|------|------|------|------|------|------|------|------|
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| | External static pressure (in. W.C.) | | | | | | | | |
| XAHA18A | 0.07 | 0.14 | 0.21 | n/a | n/a | n/a | n/a | n/a | n/a |
| XAHA24B | 0.06 | 0.13 | 0.21 | 0.30 | n/a | n/a | n/a | n/a | n/a |
| XAHB24B | 0.05 | 0.09 | 0.14 | 0.20 | n/a | n/a | n/a | n/a | n/a |
| XAHB30C | 0.04 | 0.08 | 0.13 | 0.19 | 0.26 | n/a | n/a | n/a | n/a |
| XAHC30C | 0.04 | 0.07 | 0.11 | 0.14 | 0.20 | n/a | n/a | n/a | n/a |
| XAHB36D | 0.05 | 0.11 | 0.18 | 0.25 | 0.36 | 0.49 | n/a | n/a | n/a |
| XAHC36D | 0.04 | 0.07 | 0.12 | 0.16 | 0.23 | 0.31 | n/a | n/a | n/a |
| XAHC42E | 0.03 | 0.07 | 0.11 | 0.15 | 0.22 | 0.28 | 0.37 | n/a | n/a |
| XAHD42E | 0.03 | 0.06 | 0.09 | 0.13 | 0.18 | 0.23 | 0.30 | n/a | n/a |
| XAHC48F | 0.03 | 0.06 | 0.09 | 0.13 | 0.19 | 0.25 | 0.32 | 0.40 | n/a |
| XAHD48F | 0.02 | 0.04 | 0.06 | 0.09 | 0.12 | 0.16 | 0.21 | 0.25 | n/a |
| XAHC60G | 0.02 | 0.05 | 0.08 | 0.12 | 0.17 | 0.23 | 0.30 | 0.37 | 0.45 |
| XAHD60G | 0.02 | 0.04 | 0.06 | 0.09 | 0.13 | 0.16 | 0.21 | 0.26 | 0.32 |
| XAHC60H | 0.02 | 0.05 | 0.08 | 0.12 | 0.17 | 0.23 | 0.30 | 0.37 | 0.46 |

Table 17: XAH airflow data (CFM) - horizontal left

| Models | CFM | | | | | | | | |
|---------|-------------------------------------|------|------|------|------|------|------|------|------|
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| | External static pressure (in. W.C.) | | | | | | | | |
| XAHD60H | 0.02 | 0.04 | 0.06 | 0.08 | 0.12 | 0.16 | 0.20 | 0.25 | 0.30 |
| XAHD60J | 0.03 | 0.06 | 0.09 | 0.13 | 0.17 | 0.22 | 0.29 | 0.35 | 0.43 |

① Note:

- Airflow data is for dry coil conditions only, tested without filters.
- For optimal performance, external static pressures of 0.2 in. W.C. to 0.6 in. W.C. are recommended. Applications above 0.6 in. W.C. are not recommended.

Table 18: XAH airflow data (CFM) - horizontal right

| Models | CFM | | | | | | | | |
|---------|-------------------------------------|------|------|------|------|------|------|------|------|
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| | External static pressure (in. W.C.) | | | | | | | | |
| XAHA18A | 0.07 | 0.14 | 0.23 | n/a | n/a | n/a | n/a | n/a | n/a |
| XAHA24B | 0.06 | 0.13 | 0.21 | 0.31 | n/a | n/a | n/a | n/a | n/a |
| XAHB24B | 0.05 | 0.09 | 0.15 | 0.20 | n/a | n/a | n/a | n/a | n/a |
| XAHB30C | 0.04 | 0.08 | 0.13 | 0.18 | 0.25 | n/a | n/a | n/a | n/a |
| XAHC30C | 0.04 | 0.07 | 0.11 | 0.15 | 0.20 | n/a | n/a | n/a | n/a |
| XAHB36D | 0.05 | 0.11 | 0.17 | 0.25 | 0.35 | 0.48 | n/a | n/a | n/a |
| XAHC36D | 0.04 | 0.07 | 0.12 | 0.16 | 0.23 | 0.30 | n/a | n/a | n/a |
| XAHC42E | 0.03 | 0.07 | 0.11 | 0.15 | 0.21 | 0.28 | 0.37 | n/a | n/a |
| XAHD42E | 0.03 | 0.06 | 0.09 | 0.13 | 0.17 | 0.22 | 0.29 | n/a | n/a |
| XAHC48F | 0.03 | 0.06 | 0.10 | 0.14 | 0.20 | 0.26 | 0.34 | 0.43 | n/a |
| XAHD48F | 0.00 | 0.04 | 0.06 | 0.09 | 0.13 | 0.17 | 0.22 | 0.27 | n/a |
| XAHC60G | 0.03 | 0.06 | 0.09 | 0.13 | 0.19 | 0.25 | 0.33 | 0.41 | 0.50 |
| XAHD60G | 0.02 | 0.04 | 0.07 | 0.09 | 0.13 | 0.18 | 0.23 | 0.28 | 0.34 |
| XAHC60H | 0.03 | 0.06 | 0.09 | 0.13 | 0.19 | 0.25 | 0.33 | 0.40 | 0.49 |
| XAHD60H | 0.02 | 0.04 | 0.06 | 0.09 | 0.13 | 0.17 | 0.22 | 0.27 | 0.33 |
| XAHD60J | 0.03 | 0.06 | 0.10 | 0.14 | 0.19 | 0.25 | 0.33 | 0.40 | 0.49 |

① Note:

- Airflow data is for dry coil conditions only, tested without filters.
- For optimal performance, external static pressures of 0.2 in. W.C. to 0.6 in. W.C. are recommended. Applications above 0.6 in. W.C. are not recommended.

Airflow data: XAU coils

Table 19: XAU airflow data (CFM) - upflow

| Models | CFM | | | | | | | | |
|---------|-------------------------------------|------|------|------|------|------|------|------|------|
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| | External static pressure (in. W.C.) | | | | | | | | |
| XAUA18A | 0.05 | 0.11 | 0.18 | n/a | n/a | n/a | n/a | n/a | n/a |
| XAUA24B | 0.05 | 0.11 | 0.19 | 0.28 | n/a | n/a | n/a | n/a | n/a |
| XAUB30C | 0.04 | 0.07 | 0.11 | 0.15 | 0.21 | n/a | n/a | n/a | n/a |
| XAUB36D | 0.03 | 0.06 | 0.11 | 0.16 | 0.23 | 0.30 | n/a | n/a | n/a |
| XAUC42E | 0.02 | 0.04 | 0.08 | 0.11 | 0.16 | 0.21 | 0.27 | n/a | n/a |
| XAUC48F | 0.01 | 0.04 | 0.07 | 0.10 | 0.14 | 0.19 | 0.24 | 0.30 | n/a |
| XAUC60G | 0.01 | 0.03 | 0.05 | 0.08 | 0.12 | 0.16 | 0.22 | 0.27 | 0.33 |
| XAUD60G | 0.01 | 0.02 | 0.04 | 0.06 | 0.09 | 0.12 | 0.15 | 0.19 | 0.23 |
| XAUD60H | 0.01 | 0.03 | 0.06 | 0.08 | 0.12 | 0.18 | 0.22 | 0.26 | 0.31 |

Note:

- Airflow data is for dry coil conditions only, tested without filters.
- For optimal performance, external static pressures of 0.2 in. W.C. to 0.6 in. W.C. are recommended. Applications above 0.6 in. W.C. are not recommended.

Table 20: XAU airflow data (CFM) - downflow

| Models | CFM | | | | | | | | |
|---------|-------------------------------------|------|------|------|------|------|------|------|------|
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| | External static pressure (in. W.C.) | | | | | | | | |
| XAUA18A | 0.07 | 0.16 | 0.26 | n/a | n/a | n/a | n/a | n/a | n/a |
| XAUA24B | 0.06 | 0.13 | 0.23 | 0.34 | n/a | n/a | n/a | n/a | n/a |
| XAUB30C | 0.05 | 0.09 | 0.15 | 0.21 | 0.29 | n/a | n/a | n/a | n/a |
| XAUB36D | 0.04 | 0.09 | 0.16 | 0.24 | 0.33 | 0.45 | n/a | n/a | n/a |
| XAUC42E | 0.03 | 0.06 | 0.11 | 0.15 | 0.22 | 0.28 | 0.38 | n/a | n/a |
| XAUC48F | 0.02 | 0.05 | 0.09 | 0.13 | 0.19 | 0.27 | 0.34 | 0.43 | n/a |
| XAUC60G | 0.02 | 0.04 | 0.08 | 0.12 | 0.17 | 0.23 | 0.30 | 0.38 | 0.47 |
| XAUD60G | 0.01 | 0.03 | 0.06 | 0.09 | 0.13 | 0.17 | 0.23 | 0.28 | 0.34 |
| XAUD60H | 0.02 | 0.04 | 0.07 | 0.11 | 0.16 | 0.22 | 0.28 | 0.34 | 0.42 |

Note:

- Airflow data is for dry coil conditions only, tested without filters.
- For optimal performance, external static pressures of 0.2 in. W.C. to 0.6 in. W.C. are recommended. Applications above 0.6 in. W.C. are not recommended.

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