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-B-1023

Supersedes: 6133680-UTG-A-1021

B

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Contents

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. 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 ductwork.

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.

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Certification

C US

AHRI CERTIFIED™ www.ahridirectory.org

Assembled at a facility with an ISO 9001:2015-certified Quality Management System

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.

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.

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	
		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

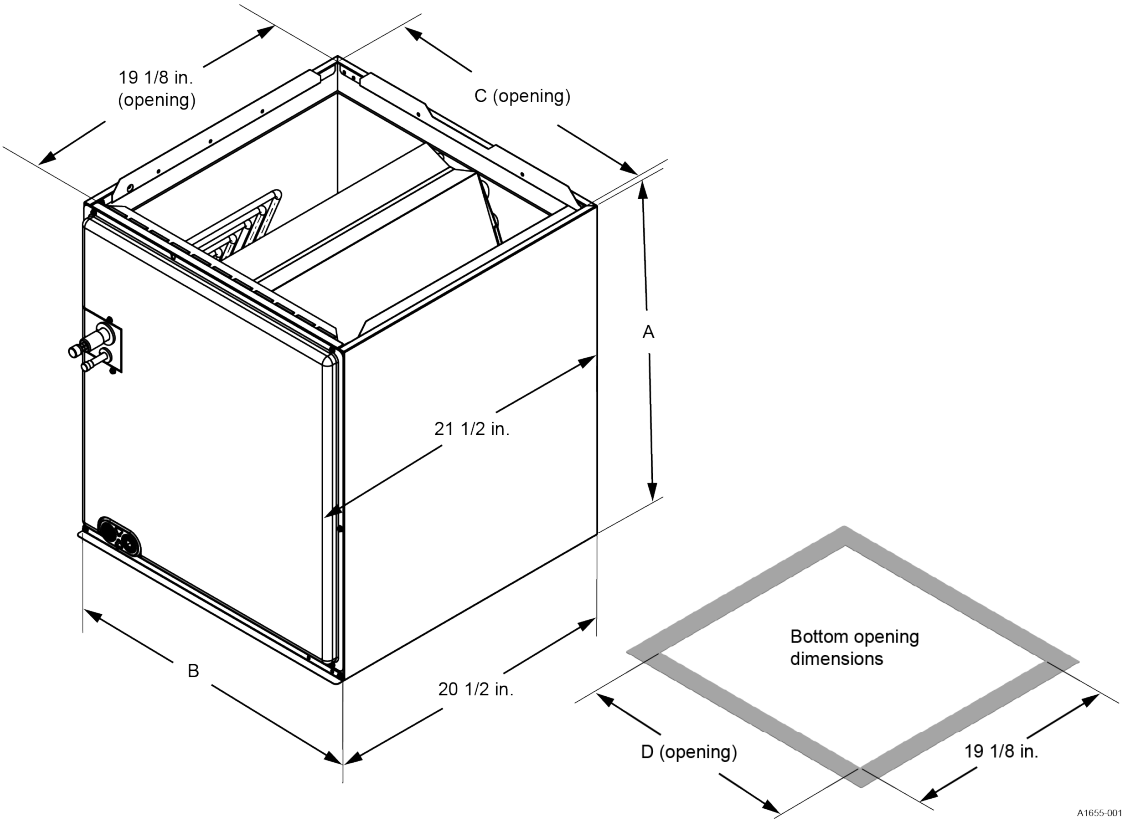

Table 2: Dimensions - XAF upflow or downflow full-cased coil

Models	Dimensions				Weight		Refrigerant connections line size	
	Height	Width	Opening widths					
	A (in.)	B (in.)	C (in.)	D (in.)	Shipping (lb)	Operating (lb)	Liquid (in.)	Vapor (in.)
XAFA18AXXN1	19 1/2	14 1/2	13 1/2	13 1/2	31	32	3/8	3/4
XAFA18ABAN1	19 1/2	14 1/2	13 1/2	13 1/2	31	32		
XAFB18AXXN1	19	17 1/2	16 1/2	16 1/2	32	33		
XAFB18ABAN1	19	17 1/2	16 1/2	16 1/2	32	33		
XAFA24BXXN1	21 5/8	14 1/2	13 1/2	13 1/2	33	34		
XAFA24BBAN1	21 5/8	14 1/2	13 1/2	13 1/2	33	34		
XAFB24BXXN1	23	17 1/2	16 1/2	16 1/2	36	37		
XAFB24BBAN1	23	17 1/2	16 1/2	16 1/2	36	37		
XAFB30CXXN1	25 5/8	17 1/2	16 1/2	16 1/2	41	42		
XAFB30CBAN1	25 5/8	17 1/2	16 1/2	16 1/2	41	42		
XAFC30CXXN1	23	21	20	20	46	48		
XAFC30CBAN1	23	21	20	20	46	48		
XAFA30DXXN1	25 1/2	14 1/2	13 1/2	13 1/2	41	42		
XAFA30DBAN1	25 1/2	14 1/2	13 1/2	13 1/2	41	42		
XAFB36DXXN1	25 5/8	17 1/2	16 1/2	16 1/2	48	49		
XAFB36DBAN1	25 5/8	17 1/2	16 1/2	16 1/2	48	49		
XAFB36DBCN1	25 5/8	17 1/2	16 1/2	16 1/2	48	49		
XAFC36DXXN1	23	21	20	20	47	49		
XAFC36DBAN1	23	21	20	20	47	49		
XAFC36DBCN1	23	21	20	20	47	49		
XAFB36EXXN1	25 5/8	17 1/2	16 1/2	16 1/2	50	51		
XAFB36EBCN1	25 5/8	17 1/2	16 1/2	16 1/2	50	51		
XAFC42EXXN1	25	21	20	20	52	54		7/8
XAFC42EBAN1	25	21	20	20	52	54		
XAFC42EBCN1	25	21	20	20	52	54		
XAFD42EXXN1	25	24 1/2	23 1/2	23 1/2	56	58		
XAFD42EBCN1	25	24 1/2	23 1/2	23 1/2	56	58		
XAFC48FXXN1	27	21	20	20	55	57		
XAFC48FBAN1	27	21	20	20	55	57		
XAFC48FBCN1	27	21	20	20	55	57		
XAFD48FXXN1	27	24 1/2	23 1/2	23 1/2	58	60		
XAFD48FBAN1	27	24 1/2	23 1/2	23 1/2	58	60		
XAFD48FBCN1	27	24 1/2	23 1/2	23 1/2	58	60		
XAFC60GXXN1	33	21	20	20	64	66		
XAFC60GBAN1	33	21	20	20	64	66		
XAFC60GBCN1	33	21	20	20	64	66		
XAFD60GXXN1	32 3/4	24 1/2	23 1/2	23 1/2	66	68		
XAFD60GBAN1	32 3/4	24 1/2	23 1/2	23 1/2	66	68		
XAFD60GBCN1	32 3/4	24 1/2	23 1/2	23 1/2	66	68		
XAFC60HXXN1	37 1/4	21	20	20	70	72		
XAFC60HBCN1	37 1/4	21	20	20	70	72		
XAFD60HXXN1	37 1/4	24 1/2	23 1/2	23 1/2	74	76		
XAFD60HBCN1	37 1/4	24 1/2	23 1/2	23 1/2	74	76		
XAFD60JXXN1	32 3/4	24 1/2	23 1/2	23 1/2	73	75		
XAFD60JBCN1	32 3/4	24 1/2	23 1/2	23 1/2	73	75		

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 correct refrigeration piping size.

Dimensions: XAH coils

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

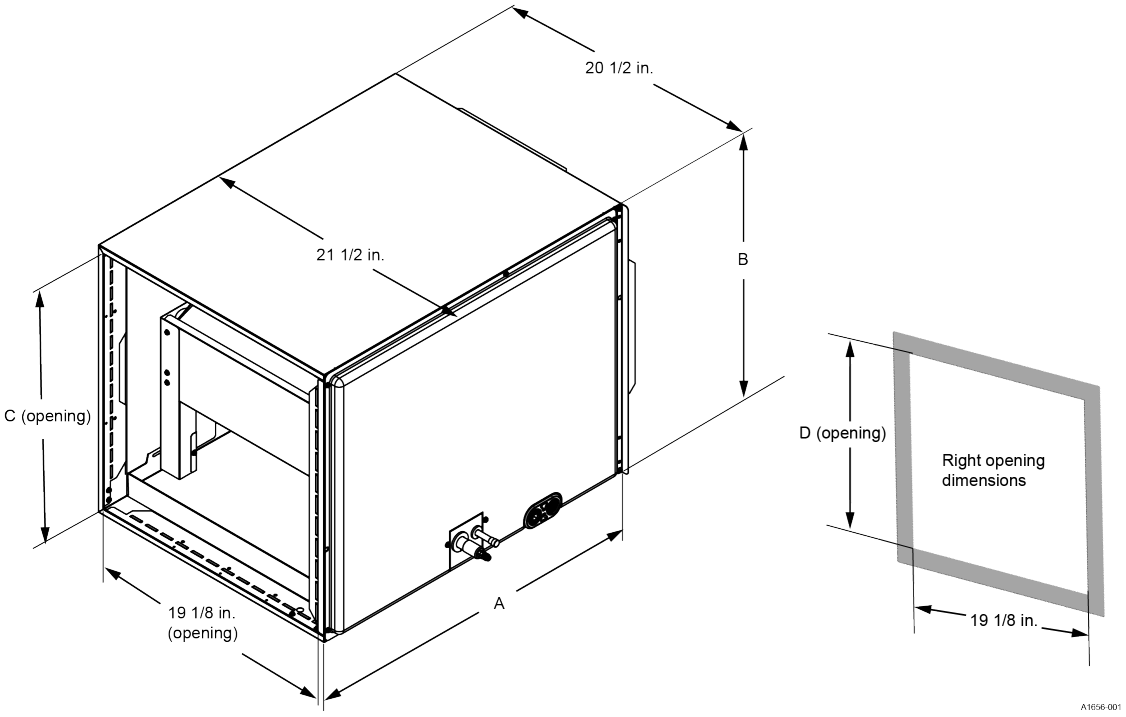

Table 3: Dimensions - XAH full-cased horizontal left or right coil

Model	Dimensions				Weight		Metering device	Refrigerant connections line size	
	Height	Width	Opening widths						
	A (in.)	B (in.)	C (in.)	D (in.)	Shipping (lb)	Operating (lb)		Liquid (in.)	Vapor (in.)
XAHA18AXXN1	23	14 1/2	13 1/2	13 1/2	39	38	Flex	3/8	3/4
XAHA18ABAN1	23	14 1/2	13 1/2	13 1/2	39	38	TXV		
XAHA24BXXN1	23	14 1/2	13 1/2	13 1/2	41	40	Flex		
XAHA24BBAN1	23	14 1/2	13 1/2	13 1/2	41	40	TXV		
XAHB24BXXN1	23	17 1/2	16 1/2	16 1/2	39	38	Flex		
XAHB24BBAN1	23	17 1/2	16 1/2	16 1/2	39	38	TXV		
XAHB30CXXN1	25 5/8	17 1/2	16 1/2	16 1/2	45	44	Flex		
XAHB30CBAN1	25 5/8	17 1/2	16 1/2	16 1/2	45	44	TXV		
XAHC30CXXN1	27	21	20	20	54	53	Flex		
XAHC30CBAN1	27	21	20	20	54	53	TXV		
XAHB36DXXN1	25 5/8	17 1/2	16 1/2	16 1/2	52	50	Flex		
XAHB36DBAN1	25 5/8	17 1/2	16 1/2	16 1/2	52	50	TXV		
XAHB36DBCN1	25 5/8	17 1/2	16 1/2	16 1/2	52	50	TXV		
XAHC36DXXN1	27	21	20	20	60	58	Flex		
XAHC36DBAN1	27	21	20	20	60	58	TXV		
XAHC36DBCN1	27	21	20	20	60	58	TXV		
XAHC42EXXN1	28 3/4	21	20	20	64	62	Flex		7/8
XAHC42EBCN1	28 3/4	21	20	20	64	62	TXV		
XAHD42EXXN1	32 3/4	24 1/2	23 1/2	23 1/2	69	67	Flex		
XAHD42EBCN1	32 3/4	24 1/2	23 1/2	23 1/2	69	67	TXV		
XAHC48FXXN1	33	21	20	20	75	73	Flex		
XAHC48FBAN1	33	21	20	20	75	73	TXV		
XAHC48FBCN1	33	21	20	20	75	73	TXV		
XAHD48FXXN1	32 3/4	24 1/2	23 1/2	23 1/2	82	80	Flex		
XAHD48FBAN1	32 3/4	24 1/2	23 1/2	23 1/2	82	80	TXV		
XAHD48FBCN1	32 3/4	24 1/2	23 1/2	23 1/2	82	80	TXV		
XAHC60GXXN1	37 1/4	21	20	20	70	68	Flex		
XAHC60GBAN1	37 1/4	21	20	20	70	68	TXV		
XAHC60GBCN1	37 1/4	21	20	20	70	68	TXV		
XAHD60GXXN1	37 1/4	24 1/2	23 1/2	23 1/2	74	72	Flex		
XAHD60GBAN1	37 1/4	24 1/2	23 1/2	23 1/2	74	72	TXV		
XAHD60GBCN1	37 1/4	24 1/2	23 1/2	23 1/2	74	72	TXV		
XAHC60HXXN1	39	21	20	20	80	78	Flex		
XAHC60HBCN1	39	21	20	20	80	78	TXV		
XAHD60HXXN1	39	24 1/2	23 1/2	23 1/2	86	84	Flex		
XAHD60HBCN1	39	24 1/2	23 1/2	23 1/2	86	84	TXV		
XAHD60JXXN1	37 1/4	24 1/2	23 1/2	23 1/2	85	83	Flex		
XAHD60JBCN1	37 1/4	24 1/2	23 1/2	23 1/2	85	83	TXV		

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

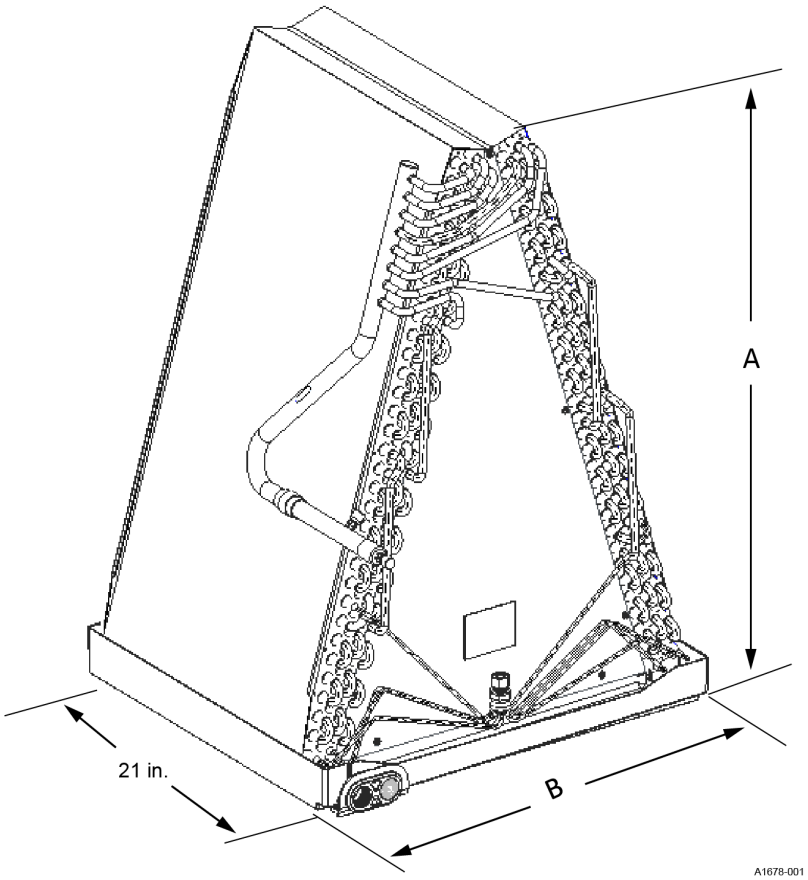

Table 4: Dimensions - XAU uncased upflow or downflow coil

Model	Dimensions		Weight		Metering device	Refrigerant connections line size	
	Height	Width					
	A (in.)	B (in.)	Shipping (lb)	Operating (lb)		Liquid (in.)	Vapor (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		7/8
XAUC48FXXN1	25	19 1/2	33	31	Flex		
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
XAFC30C	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
XAFC36D	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

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
XAFC42E	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
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

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
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
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

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
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

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
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

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

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

Model	Airflow	Static
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
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	32	31
XAFA18ABAN1	Cooling /Heat Pump	Sweat	3.3	2	18	(2) 14 x 17	1 x 0.675	3/8	Lanced	32	31
XAFB18AXXN1	Cooling /Heat Pump	Sweat	3.3	2	18	(2) 14 x 17	1 x 0.675	3/8	Lanced	33	32
XAFB18ABAN1	Cooling /Heat Pump	Sweat	3.3	2	18	(2) 14 x 17	1 x 0.675	3/8	Lanced	33	32
XAFA24BXXN1	Cooling /Heat Pump	Sweat	3.8	2	18	(2) 16 x 17	1 x 0.675	3/8	Lanced	34	33
XAFA24BBAN1	Cooling /Heat Pump	Sweat	3.8	2	18	(2) 16 x 17	1 x 0.675	3/8	Lanced	34	33

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)
XAFB24BXXN1	Cooling /Heat Pump	Sweat	3.8	2	18	(2) 16 x 17	1 x 0.675	3/8	Lanced	37	36
XAFB24BBAN1	Cooling /Heat Pump	Sweat	3.8	2	18	(2) 16 x 17	1 x 0.675	3/8	Lanced	37	36
XAFB30CXXN1	Cooling /Heat Pump	Sweat	4.7	2	18	(2) 20 x 17	1 x 0.675	3/8	Lanced	42	41
XAFB30CBAN1	Cooling /Heat Pump	Sweat	4.7	2	18	(2) 20 x 17	1 x 0.675	3/8	Lanced	42	41
XAFC30CXXN1	Cooling /Heat Pump	Sweat	4.7	2	18	(2) 20 x 17	1 x 0.675	3/8	Lanced	48	46
XAFC30CBAN1	Cooling /Heat Pump	Sweat	4.7	2	18	(2) 20 x 17	1 x 0.675	3/8	Lanced	48	46
XAFA30DXXN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	42	41
XAFA30DBAN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	42	41
XAFB36DXXN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	49	48
XAFB36DBAN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	49	48
XAFB36DBCN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	49	48
XAFC36DXXN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	49	47
XAFC36DBAN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	49	47
XAFC36DBCN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	49	47
XAFB36EXXN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	51	50
XAFB36EBCN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	51	50
XAFC42EXXN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	54	52
XAFC42EBAN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	54	52
XAFC42EBCN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	54	52
XAFD42EXXN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	58	56
XAFD42EBCN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	58	56
XAFC48FXXN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	57	55
XAFC48FBAN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	57	55
XAFC48FBCN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	57	55
XAFD48FXXN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	60	58
XAFD48FBAN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	60	58

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)
XAFD48FBCN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	60	58
XAFC60GXXN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	66	64
XAFC60GBAN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	66	64
XAFC60GBCN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	66	64
XAFD60GXXN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	68	66
XAFD60GBAN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	68	66
XAFD60GBCN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	68	66
XAFC60HXXN1	Cooling /Heat Pump	Sweat	7.6	3	12	(2) 32 x 17	1 x 0.675	3/8	Lanced	72	70
XAFC60HBCN1	Cooling /Heat Pump	Sweat	7.6	3	12	(2) 32 x 17	1 x 0.675	3/8	Lanced	72	70
XAFD60HXXN1	Cooling /Heat Pump	Sweat	7.6	3	12	(2) 32 x 17	1 x 0.675	3/8	Lanced	76	74
XAFD60HBCN1	Cooling /Heat Pump	Sweat	7.6	3	12	(2) 32 x 17	1 x 0.675	3/8	Lanced	76	74
XAFD60JXXN1	Cooling /Heat Pump	Sweat	6.6	4	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	75	73
XAFD60JBCN1	Cooling /Heat Pump	Sweat	6.6	4	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	75	73

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	39	38
XAHA18ABAN1	Cooling /Heat Pump	Sweat	3.3	2	18	(2) 14 x 17	1 x 0.675	3/8	Lanced	39	38
XAHA24BXXN1	Cooling /Heat Pump	Sweat	3.8	2	18	(2) 16 x 17	1 x 0.675	3/8	Lanced	41	40
XAHA24BBAN1	Cooling /Heat Pump	Sweat	3.8	2	18	(2) 16 x 17	1 x 0.675	3/8	Lanced	41	40
XAHB24BXXN1	Cooling /Heat Pump	Sweat	3.8	2	18	(2) 16 x 17	1 x 0.675	3/8	Lanced	39	38
XAHB24BBAN1	Cooling /Heat Pump	Sweat	3.8	2	18	(2) 16 x 17	1 x 0.675	3/8	Lanced	39	38
XAHB30CXXN1	Cooling /Heat Pump	Sweat	4.7	2	18	(2) 20 x 17	1 x 0.675	3/8	Lanced	45	44
XAHB30CBAN1	Cooling /Heat Pump	Sweat	4.7	2	18	(2) 20 x 17	1 x 0.675	3/8	Lanced	45	44
XAHC30CXXN1	Cooling /Heat Pump	Sweat	4.7	2	18	(2) 20 x 17	1 x 0.675	3/8	Lanced	54	53

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)
XAHC30CBAN1	Cooling /Heat Pump	Sweat	4.7	2	18	(2) 20 x 17	1 x 0.675	3/8	Lanced	54	53
XAHB36DXXN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	52	50
XAHB36DBAN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	52	50
XAHB36DBCN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	52	50
XAHC36DXXN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	60	58
XAHC36DBAN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	60	58
XAHC36DBCN1	Cooling /Heat Pump	Sweat	4.7	3	14	(2) 20 x 17	1 x 0.675	3/8	Lanced	60	58
XAHC42EXXN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	64	62
XAHC42EBCN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	64	62
XAHD42EXXN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	69	67
XAHD42EBCN1	Cooling /Heat Pump	Sweat	5.2	3	14	(2) 22 x 17	1 x 0.675	3/8	Lanced	69	67
XAHC48FXXN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	75	73
XAHC48FBAN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	75	73
XAHC48FBCN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	75	73
XAHD48FXXN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	82	80
XAHD48FBAN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	82	80
XAHD48FBCN1	Cooling /Heat Pump	Sweat	5.7	3	12	(2) 24 x 17	1 x 0.675	3/8	Lanced	82	80
XAHC60GXXN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	70	68
XAHC60GBAN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	70	68
XAHC60GBCN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	70	68
XAHD60GXXN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	74	72
XAHD60GBAN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	74	72
XAHD60GBCN1	Cooling /Heat Pump	Sweat	6.6	3	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	74	72
XAHC60HXXN1	Cooling /Heat Pump	Sweat	7.6	3	12	(2) 32 x 17	1 x 0.675	3/8	Lanced	80	78
XAHC60HBCN1	Cooling /Heat Pump	Sweat	7.6	3	12	(2) 32 x 17	1 x 0.675	3/8	Lanced	80	78
XAHD60HXXN1	Cooling /Heat Pump	Sweat	7.6	3	12	(2) 32 x 17	1 x 0.675	3/8	Lanced	86	84

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)
XAHD60HBCN1	Cooling /Heat Pump	Sweat	7.6	3	12	(2) 32 x 17	1 x 0.675	3/8	Lanced	86	84
XAHD60JXXN1	Cooling /Heat Pump	Sweat	6.6	4	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	85	83
XAHD60JBCN1	Cooling /Heat Pump	Sweat	6.6	4	12	(2) 28 x 17	1 x 0.675	3/8	Lanced	85	83

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
	Coil pressure drop (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
	Coil pressure drop (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
XAFB36D	0.04	0.09	0.16	0.24	0.33	0.45	n/a	n/a	n/a

Table 16: XAF airflow data (CFM) - downflow

Models	CFM								
	400	600	800	1000	1200	1400	1600	1800	2000
	Coil pressure drop (in. W.C.)								
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
	Coil pressure drop (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
	Coil pressure drop (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

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
	Coil pressure drop (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

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
	Coil pressure drop (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
	Coil pressure drop (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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