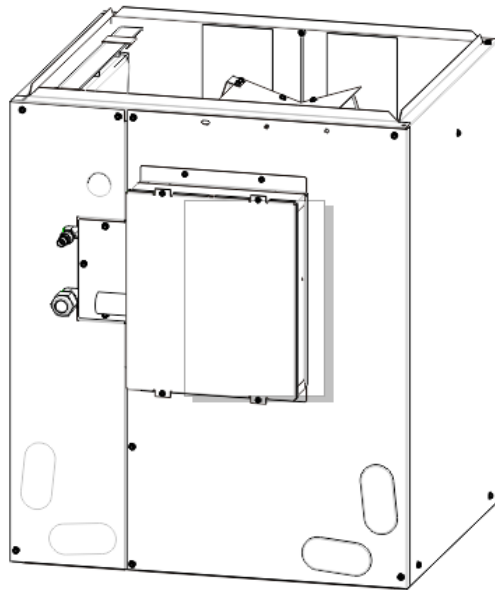


# Product and Submittal Data

## Cased Aluminum Convertible Coils

5DXCB003AC3HCA  
5DXCB005AC3HCA  
5DXCD008AC3HCA  
5DXCD010AC3HCA



*Note: Graphics in this document are for representation only. Actual model may differ in appearance.*

# Introduction

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# Model Number Description

## Digit 1 — Refrigerant Type

4 = R-410A

5 = R-454B

## Digit 2 — Series

D = Dedicated coil

T = Premium multi-poise (cooling and HP)

P = Core dedicated position (cooling and HP)

M = Value multi-poise (cooling and HP)

A = Entry level (cooling and HP)

## Digit 3 — Coil Design

X = Direct expansion evaporator coil

## Digit 4 — Coil Feature

C = Cased A coil

A = Uncased A coil

F = Cased horizontal flat coil

## Digit 5 — Cabinet Width

A = 14.5 inch

B = 17.5 inch

C = 21.0 inch

D = 24.5 inch

H = 10.5 inch

## Digit 6 — Airflow Direction

0 = Multi-directional (horizontal allowed)

U = Upflow/downflow, convertible to horizontal left or horizontal right

D = Downflow, convertible to horizontal right

## Digit 7, 8— Nominal Capacity in 1000s (BTUH) or Model Number Distinguisher

## Digit 9 — Major Design Change

## Digit 10 — Efficiency

C = Standard

S = High efficiency

Z = High efficiency (TXV modulates to 50%)

## Digit 11 — Refrigerant Control

3 = TXV

6 = FCCV (flow control/check valve)

## Digit 12— Coil Circuitry

H = Heat pump

C = Cooling

## Digit 13— Airflow Configuration

A = Upflow/downflow

## Digit 15—

## Digit 16—

# Product Specifications

**Table 1. Product specifications**

<b>Models</b>	<b>5DXCB003AC3HCA</b>	<b>5DXCB005AC3HCA</b>	<b>5DXCD008AC3HCA</b>	<b>5DXCD010CA3HCA</b>
<b>Indoor coil - type</b>	<b>Plate Fin</b>	<b>Plate Fin</b>	<b>Plate Fin</b>	<b>Plate Fin</b>
Cooling capacity (tons)	0.8-2.2	1.2-3.3	1.6-4.4	2-5.5
Rows/FPI	4 / 18	4 / 18	4 / 14	4 / 14
Face Area (sq. ft.)	4.09	4.09	5.45	5.45
Tube size (OD)	0.28	0.28	0.37	0.37
Refrigerant control	EEV	EEV	EEV	EEV
Internal check valve	Yes	Yes	Yes	Yes
Drain Conn. Size (in.)	3/4 NPT	3/4 NPT	3/4 NPT	3/4 NPT
Duct connections	See dimensional data	See dimensional data	See dimensional data	See dimensional data
<b>Refrigerant connections</b>	R-454B flare fit	R-454B flare fit	R-454B flare fit	R-454B flare fit
Line size - Gas (in)	3/4	3/4	3/4	3/4
Line size - Liquids (in)	3/8	3/8	3/8	3/8
Dimensions (in)				
Crated (H x W x D)	25-3/4 x 27-1/8 x 21	25-3/4 x 27-1/8 x 21	31-1/4 x 30-3/4 x 21	31-1/4 x 30-3/4 x 21
Uncrated	23 x 17-1/2 x 21-1/4	23 x 17-1/2 x 21-1/4	28-1/2 x 24-1/2 x 21-1/4	28-1/2 x 24-1/2 x 21-1/4
<b>Weight (lbs)</b>				
Shipping - Net	75	75	110	110

# Performance Data

**Table 2. Static pressure (in. W.C.)**

Model	0.12	0.18	0.23	0.3
5DXCB003*	450	600	800	850
5DXCB005*	—	600	800	850
5DXCD008*	825	900	1100	1200
5DXCD010*	—	900	1100	1200

# Dimensional Data

Figure 1. Dimensional data

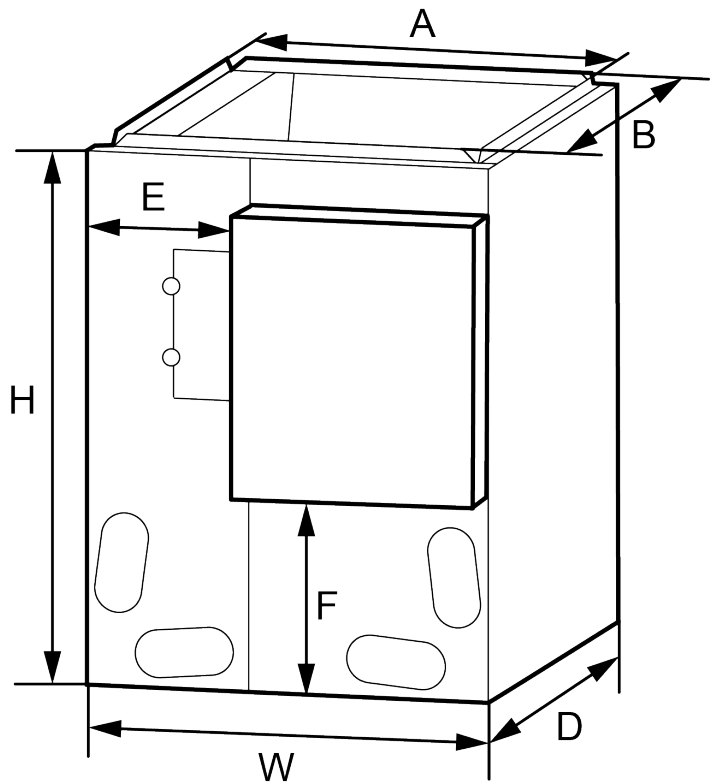


Table 3. Dimensional data

Model	Dimension						
	W	D	H	A	B	E	F
5DXCB003AC3-HCA	17-1/2 in. (445 mm)	21-1/4 in. (540 mm)	23 in. (584 mm)	15-7/8 in. (403 mm)	19-3/8 in. (492 mm)	7-1/6 in. (182 mm)	9 in. (228 mm)
5DXCB005AC3-HCA	17-1/2 in. (445 mm)	21-1/4 in. (540 mm)	23 in. (584 mm)	15-7/8 in. (403 mm)	19-3/8 in. (492 mm)	7-1/6 in. (182 mm)	9 in. (228 mm)
5DXCD008AC3-HCA	24-1/2 in. (622 mm)	21-1/4 in. (540 mm)	28-1/2 in. (724 mm)	22-7/8 in. (581 mm)	19-3/8 in. (492 mm)	8 in. (204 mm)	4-1/8 in. (105 mm)
5DXCD010AC3-HCA	24-1/2 in. (622 mm)	21-1/4 in. (540 mm)	28-1/2 in. (724 mm)	22-7/8 in. (581 mm)	19-3/8 in. (492 mm)	8 in. (204 mm)	4-1/8 in. (105 mm)

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