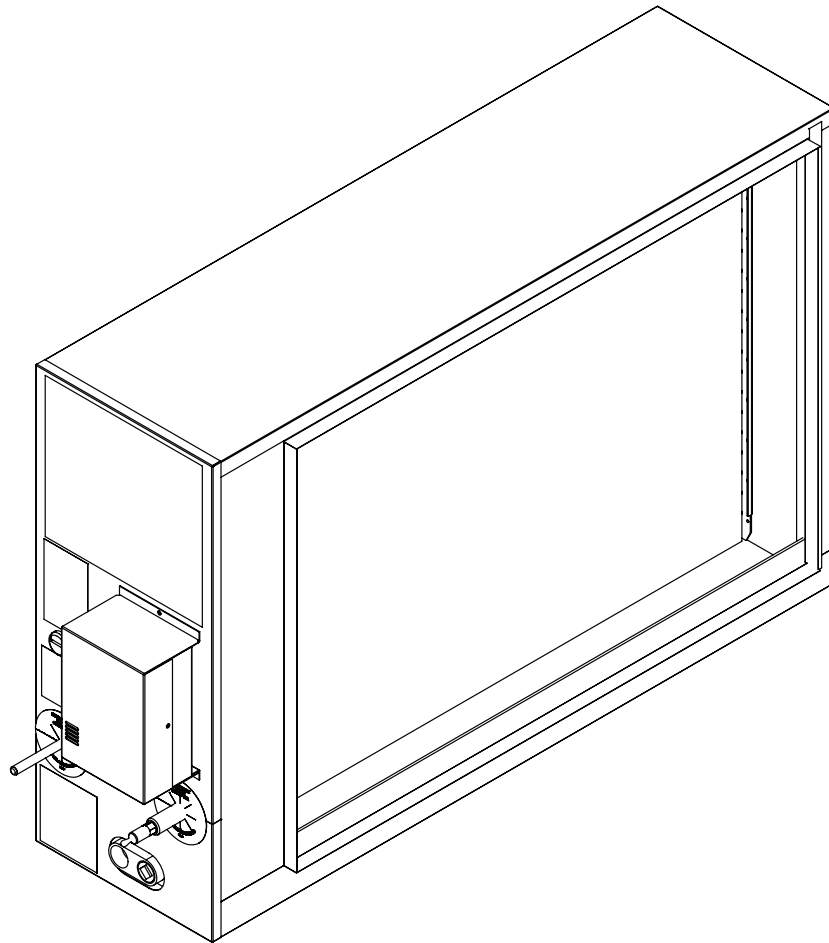




# Aluminum Cased Horizontal Flat, Heat Pump / Cooling Coils 2 – 5 Ton

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## **5PXFH-AC** Heat Pump / Cooling Coils for R-454B Refrigerant



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22-2005-1A-EN



# Heat Pump/ Cooling Coil Nomenclature

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
5 P X F H 0 0 3 B Z 3 H H A A

**Refrigerant Type**

4 = R-410A  
 5 = R-454B

**Series**

T = Premium Multi-Poise (Cooling and HP)  
 P = Core Dedicated Position (Cooling and HP)  
 M = Value Multi-Poise (Cooling and HP)

**Coil Design**

X = Direct Expansion Evaporator Coil

**Coil Feature**

C = Cased A Coil  
 A = Uncased A Coil  
 F = Cased Horizontal Flat Coil

**Cabinet Width**

A = 14.5"  
 B = 17.5"  
 C = 21.0"  
 D = 24.5"  
 H = 10.5"

**Airflow Direction**

0 = Multi-directional (horizontal allowed)  
 U = Upflow/Downflow, convertible to Horizontal Left  
 D = Downflow, convertible to horizontal right

**Nominal Capacity in 1000's (BTUH)/  
Model Number Distinguisher**

**Major Design Change**

**Efficiency**

C = Standard  
 S = High Efficiency  
 Z = High Efficiency (TXV modulates to 50%)

**Refrigerant Control**

3 = TXV  
 6 = FCCV (Flow Control/Check Valve)

**Coil Circuitry**

H = Heat Pump  
 C = Cooling

**Airflow Configuration**

A = Upflow  
 U = Upflow/Downflow  
 D = Downflow  
 R = Downflow / Horizontal Right  
 H = Horizontal Left/Right  
 C = Convertible – Upflow, Downflow, Left, or Right

**Minor Design Change**

**Service Digit – Not Orderable**



# General Data

## PRODUCT SPECIFICATIONS<sup>[1]</sup> – 5PXFH -- SPLIT SYSTEM HEAT PUMP / COOLING COMFORT™ COILS CASED HORIZONTAL

Model	5PXFH001AC3HHA	5PXFH004AC3HHA	5PXFH007AC3HHA
<b>INDOOR COIL -- Type</b>	Plate Fin	Plate Fin	Plate Fin
Rows / F.P.I.	3/14	3/14	4/14
Face area (sq. ft.)	3.67	4.58	4.58
Tube Size (in.)	3/8	3/9	3/10
Refrigerant Control	Non-bleed TXV	Non-bleed TXV	Non-bleed TXV
Drain Connection Size (in.)	3/4 NPT	3/4 NPT	3/4 NPT
Duct Connections (H x D, in.)	21 x 24	21 x 30	21 x 30
<b>REFRIGERANT CONNECTIONS</b>	R-454B	R-454B	R-454B
	Brazed	Brazed	Brazed
Line Size -- Gas (in.)	3/4	3/5	7/8
Line Size -- Liquid (in.)	3/8	3/8	3/8
<b>DIMENSIONS (in.)</b>			
Crated (H x W x D)	27 x 13 x 34	27 x 13 x 40	27 x 13 x 40
Uncrated (H x W x D)	23.5 x 10 x 29.5	23.5 x 10 x 35.5	23.5 x 10 x 35.5
<b>WEIGHT (lbs)</b>			
Shipping / Net	40/29	47/44	61/54

[1] These indoor coils are A.H.R.I. certified with various split system air conditioners and heat pumps (A.H.R.I. Standard 210/240). Refer to the Split System Outdoor product information site or [www.ahrinet.org](http://www.ahrinet.org)

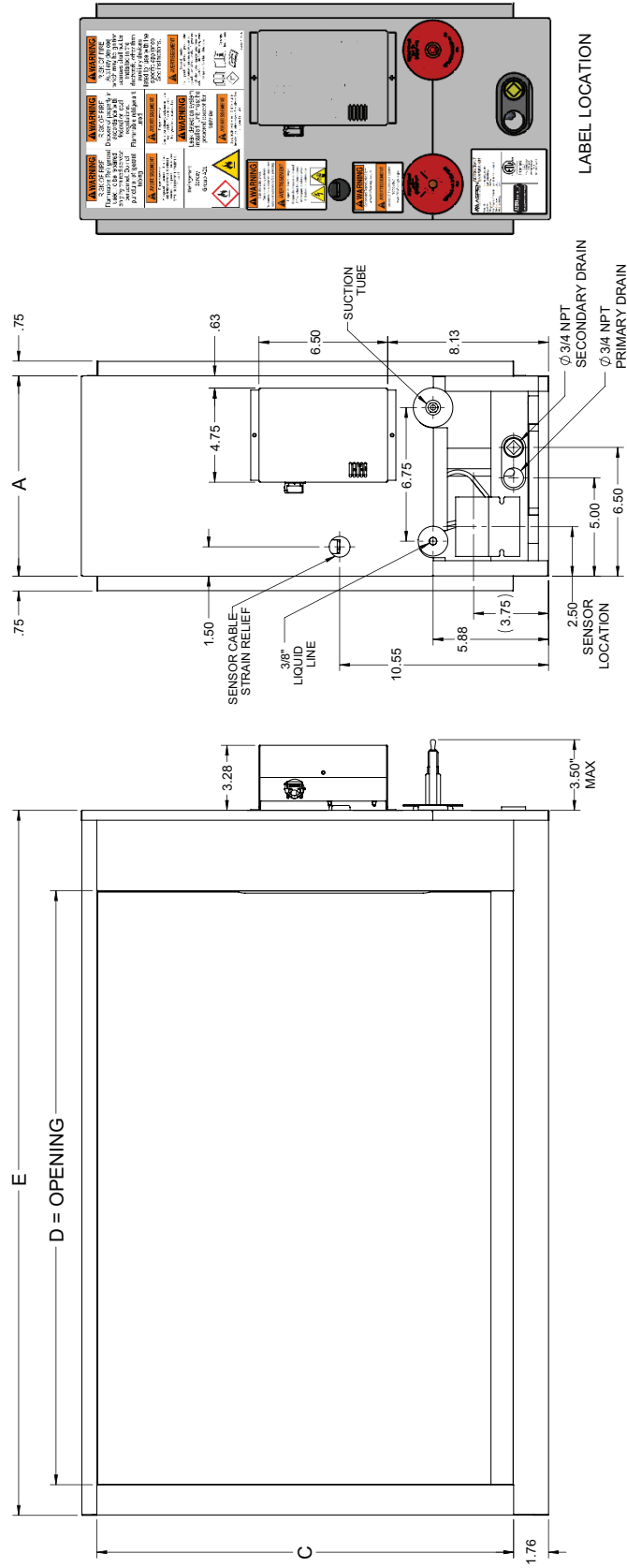


# Performance Data

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<b>PRESSURE DROP CHARACTERISTICS FOR COOLING AND HEAT PUMP COILS</b>									
<b>AIRFLOW (CFM) VS. PRESSURE DROP ACROSS WET COIL</b>									
<b>STATIC PRESSURE DROP THROUGH DRY COIL (Inches W.C.) CFM</b>									
<b>MODEL</b>	<b>400</b>	<b>600</b>	<b>800</b>	<b>1000</b>	<b>1200</b>	<b>1400</b>	<b>1600</b>	<b>1800</b>	<b>2000</b>
<b>5PXFH001AC3HHA</b>	0.04	0.06	0.1	0.14	0.18	0.23	0.29	0.35	0.42
<b>5PXFH004AC3HHA</b>	0.03	0.05	0.07	0.1	0.13	0.17	0.2	0.25	0.3
<b>5PXFH007AC3HHA</b>	0.03	0.05	0.07	0.1	0.13	0.16	0.2	0.23	0.28

**OUTLINE DRAWING - 5PXFH001AC3HHA, 5PXFH004AC3HHA and 5PXFH007AC3HHA**  
 (All dimensions are in inches)



NOTE: BOTTOM ACCESS PANEL IS HIDDEN TO SHOW SENSOR LOCATION

TRANE MODEL#	A	B	C	D	E	SUCTION SIZE $\phi$
5PXFH001AC3HHA	10	23.50	21	30	35.50	3/4
5PXFH004AC3HHA	10	23.50	21	30	35.50	3/4
5PXFH007AC3HHA	10	23.50	21	30	35.50	7/8



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Supersedes (New)

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