

*American Standard*<sup>®</sup>

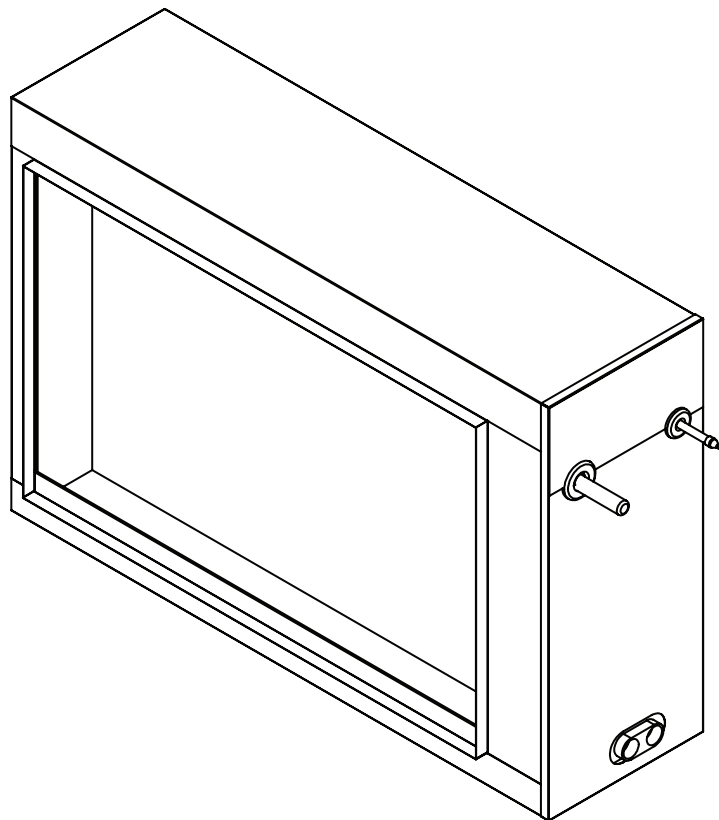
HEATING & AIR CONDITIONING

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

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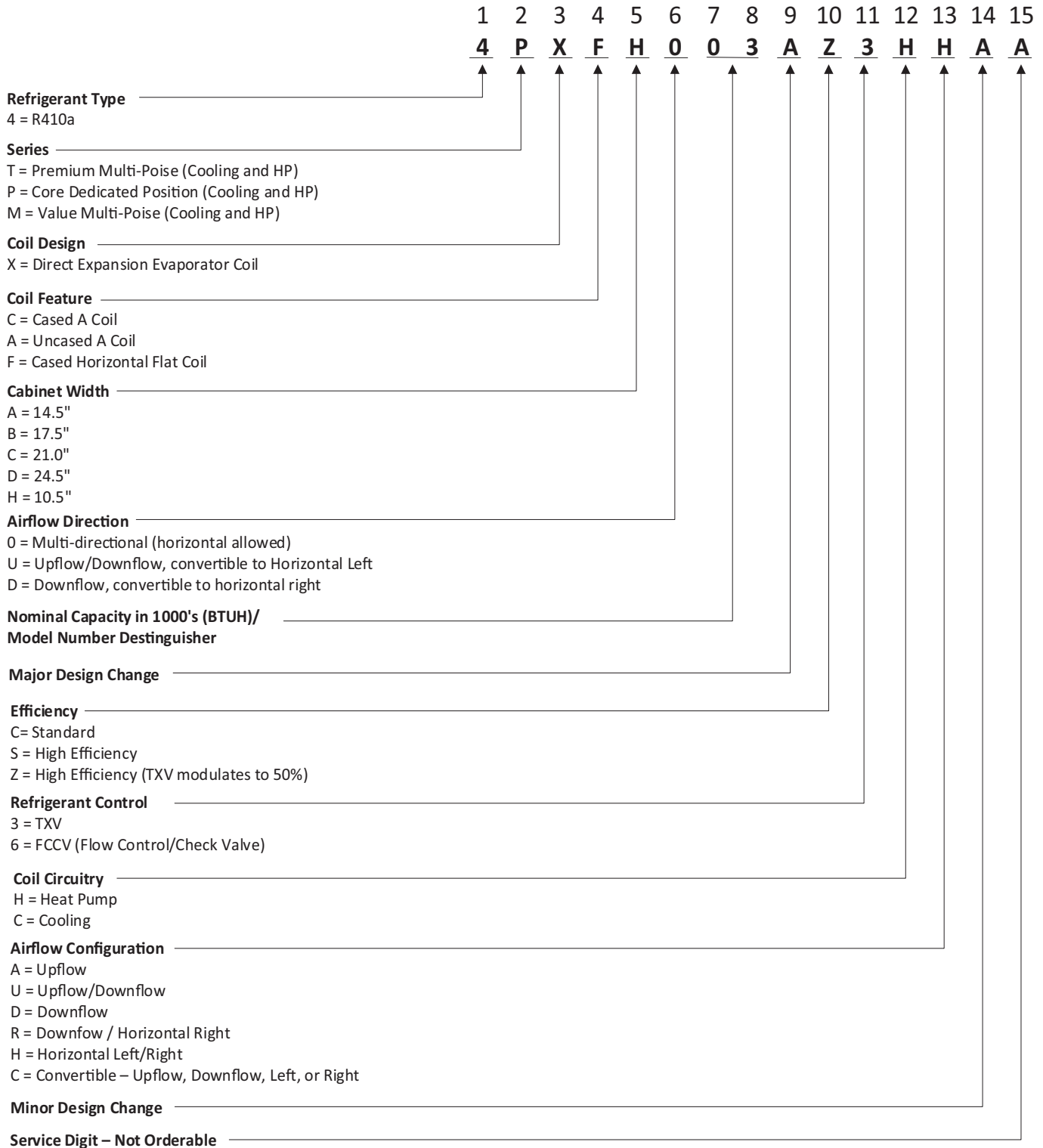
## **4PXFH-AC/AZ**

Heat Pump / Cooling Coils for  
R-410A Refrigerant



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12-1420-1A-EN



# General Data

## PRODUCT SPECIFICATIONS<sup>[1]</sup> - 4PXFH -- SPLIT SYSTEM HEAT PUMP / COOLING COMFORT™ COILS CASED HORIZONTAL

Model	4PXFH001AC3HHA	4PXFH004AC3HHA	4PXFH007AC3HHA
<b>INDOOR COIL -- Type</b>	Plate Fin	Plate Fin	Plate Fin
Rows / F.P.I.	3 / 12	3 / 12	4 / 12
Face area (sq. ft.)	3.67	4.58	4.58
Tube Size (in.)	3/8	3/8	3/8
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>	R410a Braze	R410a Braze	R410a Braze
Line Size -- Gas (in.)	3/4	7/8	7/8
Line Size -- Liquid (in.)	3/8	3/8	3/8
<b>DIMENSIONS (in.)</b>	<b>H X W X D</b>	<b>H X W X D</b>	<b>H X W X D</b>
Crated	24.5 x 10.5 x 30.5	24.5 x 10.5 x 36.5	24.5 x 10.5 x 36.5
Uncrated	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	34 / 29	49 / 44	59 / 54

Model	4PXFH003AZ3HHA	4PXFH005AZ3HHA	4PXFH009AZ3HHA
<b>INDOOR COIL -- Type</b>	Plate Fin	Plate Fin	Plate Fin
Rows / F.P.I.	3 / 12	4 / 12	4 / 12
Face Area (sq.ft.)	4.58	4.58	5.50
Tube Size	3/8	3/8	3/8
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 30	21 x 30	21 x 36
<b>REFRIGERANT CONNECTIONS</b>	R410a Braze	R410a Braze	R410a Braze
Line Size -- Gas (in.)	3/4	3/4	7/8
Line Size -- Liquid (in.)	3/8	3/8	3/8
<b>DIMENSIONS (in.)</b>	<b>H X W X D</b>	<b>H X W X D</b>	<b>H X W X D</b>
Crated	24.5 x 10.5 x 36.5	24.5 x 10.5 x 36.5	24.5 x 10.5 x 42.5
Uncrated	23.5 x 10 x 35.5	23.5 x 10 x 35.5	23.5 x 10 x 41.5
<b>WEIGHT (lbs)</b>			
Shipping / Net	49 / 44	59 / 54	70 / 65

[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)

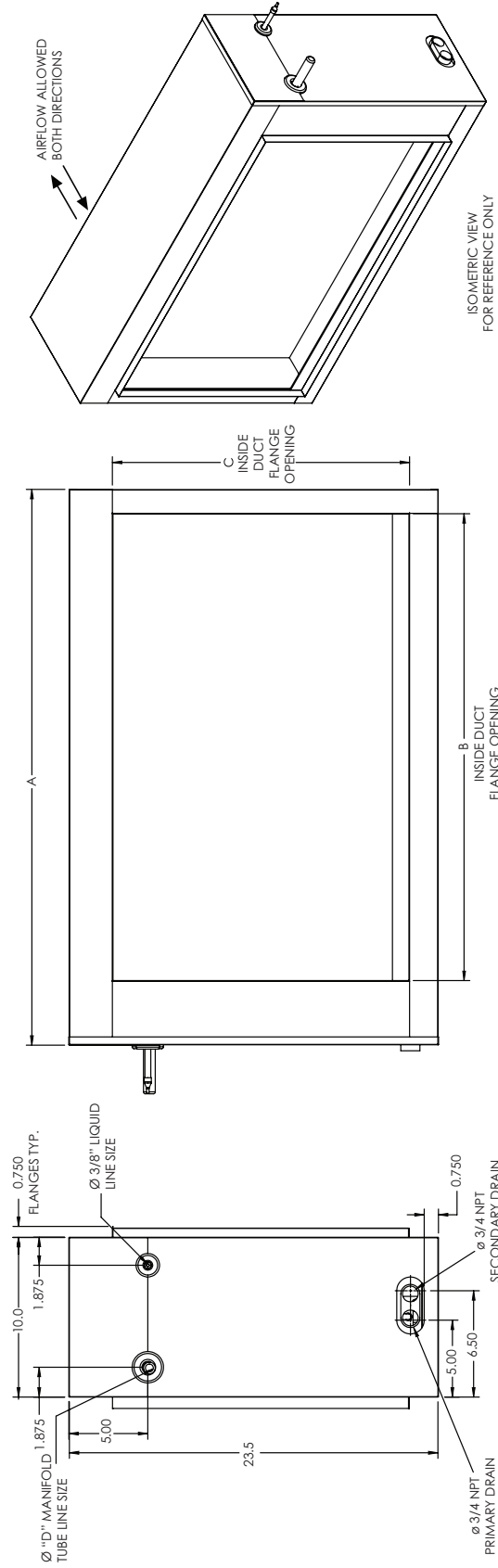
# Performance Data

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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>PRESSURE DROP (INCHES OF WATER COLUMN)</b>								
<b>MODEL</b>	<b>.05</b>	<b>0.1</b>	<b>0.15</b>	<b>0.2</b>	<b>0.25</b>	<b>0.3</b>	<b>0.35</b>	<b>0.4</b>
<b>4PXFH001AC3HHA</b>	450	590	775	1000	1175	1275	1360	1440
<b>4PXFH004AC3HHA</b>	575	885	1140	1350	1515	1650	1800	1960
<b>4PXFH007AC3HHA</b>	475	738	956	1147	1322	1485	1637	1782
<b>4PXFH003AZ3HHA</b>	575	885	1140	1350	1515	1650	1800	1960
<b>4PXFH005AZ3HHA</b>	475	738	956	1147	1322	1485	1637	1782
<b>4PXFH009AZ3HHA</b>	669	1049	1366	1646	1903	2142	2368	2583

OUTLINE DRAWING - 4PXFH001AC3HHA, 4PXFH004AC3HHA, 4PXFH007AC3HHA, 4PXFH003AZ3HHA, 4PXFH005AZ3HHA, 4PXFH009AZ3HHA

All dimensions are in inches



MODEL TRANE #	Variable Speed Compatible	A	B	C	D	Refrigerant control
4PXFH001AC3HHA	No	29.5	24.0	21.0	3/4	NON-BLEED TXV (Start kit may be required on outdoor unit)
4PXFH004AC3HHA	No	35.5	30.0	21.0	7/8	
4PXFH007AC3HHA	No	35.5	30.0	21.0	7/8	
4PXFH003AZ3HHA	Yes	35.5	30.0	21.0	3/4	
4PXFH005AZ3HHA	Yes	35.5	30.0	21.0	3/4	
4PXFH009AZ3HHA	Yes	41.5	36.0	21.0	7/8	

*American Standard*<sup>®</sup>  
HEATING & AIR CONDITIONING

About American Standard Heating and Air Conditioning  
American Standard has been creating comfortable and affordable living environments for more than a century.  
For more information, please visit [www.americanstandardair.com](http://www.americanstandardair.com).

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**Intertek**

The manufacturer has a policy of continuous data improvement and it reserves the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.

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Supersedes (New)

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