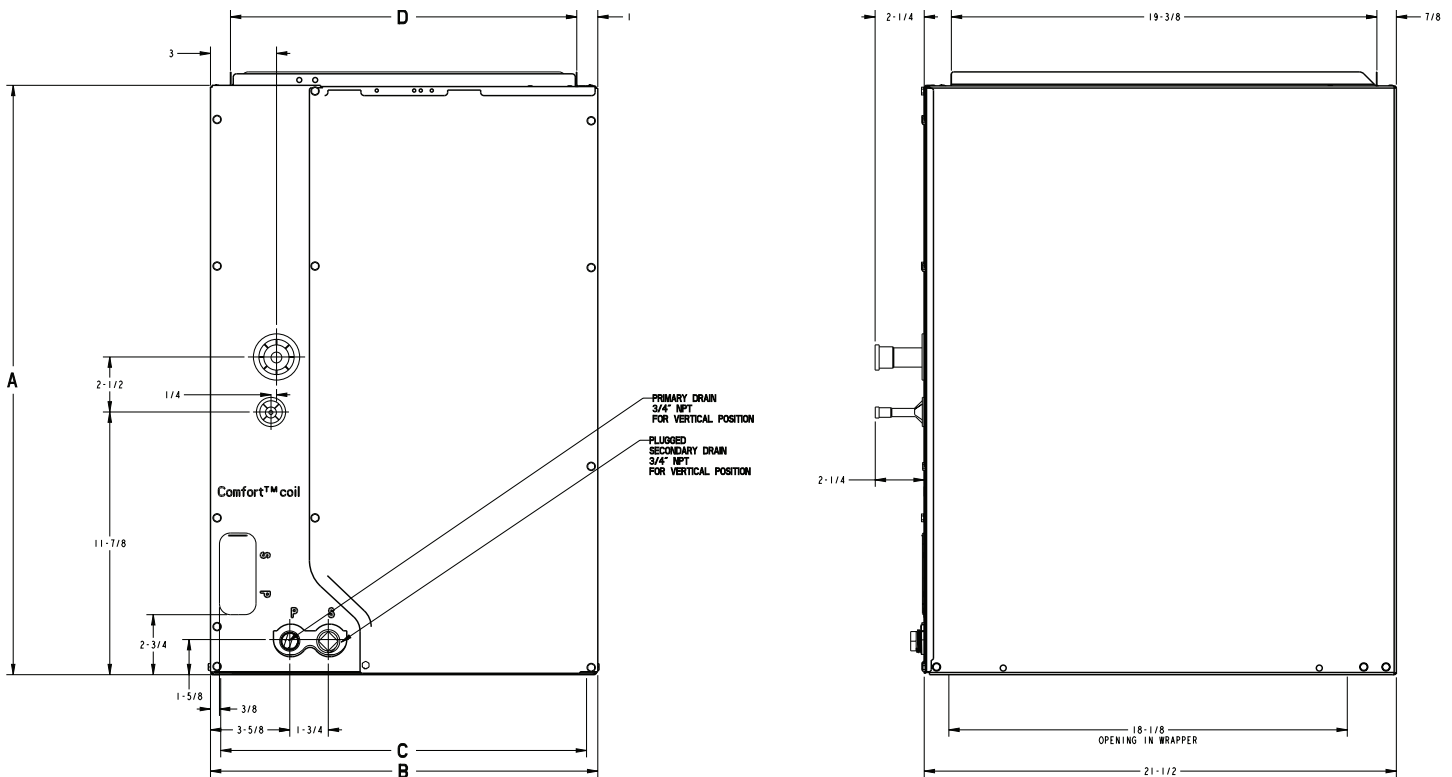


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SUBMITTAL

2 – 5 Ton Cased Aluminum Dedicated Upflow and Downflow Convertible to Horizontal with Kit



From Dwg. D345397 RevE

MODEL	4PXCAU24BS3 4PXCAD24BS3	4PXCAU32BS3	4PXCBU24BS3 4PXCBD24BS3	4PXCBU36BS3 4PXCBD36BS3	4PXCCU36BS3 4PXCDD36BS3	4PXCBU42BS3 4PXCBD42BS3 4PXCBU48BS3 4PXCBD48BS3	4PXCCU42BS3 4PXCDD42BS3 4PXCCU48BS3 4PXCDD48BS3	4PXCCU60BS3 4PXCDD60BS3
WEIGHT (LBS.)	39	43	42	54	56	61	64	73
REFRIGERANT CONTROL	TXV (NON-BLEED)							
HEIGHT "A" (IN.)	17-1/2	22-1/2	17-1/2	22-1/2	22-1/2	26-7/8	26-7/8	30-3/4
OVERALL WIDTH "B" (IN.)	14-1/2	14-1/2	17-1/2	17-1/2	21	17-1/2	21	21
OPENING WIDTH "C" (IN.)	13-5/8	13-5/8	16-5/8	16-5/8	20-1/8	16-5/8	20-1/8	20-1/8
TOP OPENING "D"	12-3/4	12-3/4	15-3/4	15-3/4	19-1/4	15-3/4	19-1/4	19-1/4
GAS CONNECTION	3/4	3/4	3/4	7/8	7/8	7/8	7/8	7/8
LIQUID CONNECTION	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
MATCHED FURNACE WIDTH (NO ADAPTER REQUIRED)	14-1/2	14-1/2	17-1/2	17-1/2	21	17-1/2	21	21
DRAIN PAN	PLASTIC							

**PRODUCT SPECIFICATIONS^[1] -- 4 PXC – SPLIT SYSTEM HEAT PUMP / COOLING CASED
DEDICATED UPFLOW COMFORT™ COILS ^[2]**

Model	4PXCAU24BS3HAA	4PXCAU32BS3HAA	4PXCBU24BS3HAA	4PXCBU36BS3HAA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Cooling Capacity (Tons)	1.5 - 2.0	1.5 - 3.0	1.5 - 2.0	2.0 - 3.5
Rows / F.P.I.	2 / 20	2 / 20	2 / 20	3 / 12
Face Area (sq.ft.)	3.0	3.0	3.0	5.0
Tube Size	3/8	3/8	3/8	3/8
Refrigerant Control	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV
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 outline drawing	See outline drawing	See outline drawing	See outline drawing
REFRIGERANT CONNECTIONS	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED
Line Size -- Gas (in.)	3/4	3/4	3/4	7/8
Line Size -- Liquid (in.)	3/8	3/8	3/8	3/8
DIMENSIONS (in.)	H X W X D	H X W X D	H X W X D	H X W X D
Crated (H x W x D)	21.35 x 17.5 x 26.5	21.35 x 17.5 x 26.5	21.35 x 20.5 x 26.5	26.35 x 20.5 x 26.5
Uncrated	17.6 x 14.5 x 21.5	22.5 x 14.5 x 21.5	17.6 x 17.5 x 21.5	22.6 x 17.5 x 21.5
WEIGHT (lbs)				
Shipping -- Net	39 / 31	43 / 35	42 / 34	54 / 46

Model	4PXCCU36BS3HAA	4PXCBU42BS3HAA	4PXCCU42BS3HAA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN
Cooling Capacity (Tons)	2.0 - 4.0	2.0 - 3.5	2.5 - 3.5
Rows / F.P.I.	3 / 12	3 / 14	3 / 14
Face Area (sq.ft.)	5.0	5.5	5.5
Tube Size	3/8	3/8	3/8
Refrigerant Control	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV
Internal check valve	Yes	Yes	Yes
Drain Conn. Size (in.)	3/4 NPT	3/4 NPT	3/4 NPT
Duct Connections	See outline drawing	See outline drawing	See outline drawing
REFRIGERANT CONNECTIONS	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED
Line Size -- Gas (in.)	7/8	7/8	7/8
Line Size -- Liquid (in.)	3/8	3/8	3/8
DIMENSIONS (in.)	H X W X D	H X W X D	H X W X D
Crated (H x W x D)	26.35 x 24 x 26.5	30.65 x 20.5 x 26.5	30.65 x 24 x 26.5
Uncrated	22.6 x 21 x 21.5	26.9 x 17.5 x 21.5	26.9 x 21 x 21.5
WEIGHT (lbs)			
Shipping -- Net	56 / 48	61 / 53	64 / 56

Model	4PXCBU48BS3HAA	4PXCCU48BS3HAA	4PXCCU60BS3HAA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN
Cooling Capacity (Tons)	2.0 - 4.0	3.0 - 5.0	3.5 - 5.0
Rows / F.P.I.	3 / 14	3 / 14	3 / 12
Face Area (sq.ft.)	6.0	6.0	6.0
Tube Size	3/8	3/8	3/8
Refrigerant Control	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV
Internal check valve	Yes	Yes	Yes
Drain Conn. Size (in.)	3/4 NPT	3/4 NPT	3/4 NPT
Duct Connections	See outline drawing	See outline drawing	See outline drawing
REFRIGERANT CONNECTIONS	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED
Line Size -- Gas (in.)	7/8	7/8	3/4
Line Size -- Liquid (in.)	3/8	3/8	3/8
DIMENSIONS (in.)	H X W X D	H X W X D	H X W X D
Crated (H x W x D)	30.65 x 20.5 x 26.5	30.65 x 24 x 26.5	34.45 x 24 x 26.5
Uncrated	26.9 x 17.5 x 21.5	26.9 x 21 x 21.5	30.7 x 21 x 21.5
WEIGHT (lbs)			
Shipping -- Net	61 / 53	64 / 56	73 / 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

[2] Convertible to Horizontal Left with Kit

**PRODUCT SPECIFICATIONS^[1] -- 4 PXC -- SPLIT SYSTEM HEAT PUMP / COOLING CASED
DEDICATED DOWNFLOW COMFORT™ COILS^[2]**

Model	4PXCAD24BS3HDA	4PXCBD24BS3HDA	4PXCBD36BS3HDA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN
Cooling Capacity (Tons)	1.5 - 2.0	1.5 - 2.0	2.0 - 3.5
Rows / F.P.I.	2 / 20	2 / 20	3 / 12
Face Area (sq.ft.)	3.0	3.0	5.0
Tube Size	3/8	3/8	3/8
Refrigerant Control	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV
Internal check valve	Yes	Yes	Yes
Drain Conn. Size (in.)	3/4 NPT	3/4 NPT	3/4 NPT
Duct Connections	See outline drawing	See outline drawing	See outline drawing
REFRIGERANT CONNECTIONS	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED
Line Size -- Gas (in.)	3/4	3/4	7/8
Line Size -- Liquid (in.)	3/8	3/8	3/8
DIMENSIONS (in.)	H X W X D	H X W X D	H X W X D
Crated (H x W x D)	21.35 x 17.5 x 26.5	21.35 x 20.5 x 26.5	26.35 x 20.5 x 26.5
Uncrated	17.6 x 14.5 x 21.5	17.6 x 17.5 x 21.5	22.6 x 17.5 x 21.5
WEIGHT (lbs)			
Shipping -- Net	39 / 31	42 / 34	54 / 46

Model	4PXCDD36BS3HDA	4PXCBD42BS3HDA	4PXCDD42BS3HDA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN
Cooling Capacity (Tons)	2.0 - 4.0	2.0 - 3.5	2.5 - 3.5
Rows / F.P.I.	3 / 12	3 / 14	3 / 14
Face Area (sq.ft.)	5.0	5.5	5.5
Tube Size	3/8	3/8	3/8
Refrigerant Control	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV
Internal check valve	Yes	Yes	Yes
Drain Conn. Size (in.)	3/4 NPT	3/4 NPT	3/4 NPT
Duct Connections	See outline drawing	See outline drawing	See outline drawing
REFRIGERANT CONNECTIONS	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED
Line Size -- Gas (in.)	7/8	7/8	7/8
Line Size -- Liquid (in.)	3/8	3/8	3/8
DIMENSIONS (in.)	H X W X D	H X W X D	H X W X D
Crated (H x W x D)	26.35 x 24 x 26.5	30.65 x 20.5 x 26.5	30.65 x 24 x 26.5
Uncrated	22.6 x 21 x 21.5	26.9 x 17.5 x 21.5	26.9 x 21 x 21.5
WEIGHT (lbs)			
Shipping -- Net	56 / 48	61 / 53	64 / 56

Model	4PXCBD48BS3HDA	4PXCDD48BS3HDA	4PXCDD60BS3HDA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN
Cooling Capacity (Tons)	2.0 - 4.0	3.0 - 5.0	3.5 - 5.0
Rows / F.P.I.	3 / 14	3 / 14	3 / 12
Face Area (sq.ft.)	6.0	6.0	6.0
Tube Size	3/8	3/8	3/8
Refrigerant Control	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV
Internal check valve	Yes	Yes	Yes
Drain Conn. Size (in.)	3/4 NPT	3/4 NPT	3/4 NPT
Duct Connections	See outline drawing	See outline drawing	See outline drawing
REFRIGERANT CONNECTIONS	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED
Line Size -- Gas (in.)	7/8	7/8	3/4
Line Size -- Liquid (in.)	3/8	3/8	3/8
DIMENSIONS (in.)	H X W X D	H X W X D	H X W X D
Crated (H x W x D)	30.65 x 20.5 x 26.5	30.65 x 24 x 26.5	34.45 x 24 x 26.5
Uncrated	26.9 x 17.5 x 21.5	26.9 x 21 x 21.5	30.7 x 21 x 21.5
WEIGHT (lbs)			
Shipping -- Net	61 / 53	64 / 56	73 / 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

[2] Convertible to Horizontal Right with Kit

PRESSURE DROP CHARACTERISTICS FOR COOLING AND HEAT PUMP COILS
AIRFLOW (SCFM) VS. PRESSURE DROP ACROSS WET COIL

PRESSURE DROP (INCHES OF WATER COLUMN)							
MODEL	0.1	0.15	0.2	0.25	0.3	0.35	0.4
4PXCAD24BS3HDA	315	405	480	545	610	670	725
4PXCAU24BS3HAA	340	430	510	585	650	715	775
4PXCAD32BS3HDA	570	725	860	985	1100	1200	1305
4PXCBD24BS3HDA	405	520	615	705	785	860	935
4PXCBD36BS3HDA	645	810	950	1080	1200	1305	1410
4PXCBD42BS3HDA	585	745	880	1000	1115	1220	1315
4PXCBD48BS3HDA	605	765	905	1035	1150	1255	1360
4PXCBU24BS3HAA	435	555	660	755	840	920	995
4PXCBU36BS3HAA	655	825	970	1100	1220	1330	1435
4PXCBU42BS3HAA	625	790	935	1065	1185	1295	1400
4PXCBU48BS3HAA	640	815	965	1095	1220	1335	1445
4PXCCD36BS3HDA	760	955	1125	1275	1415	1540	1665
4PXCCD42BS3HDA	695	880	1040	1185	1315	1440	1555
4PXCCD48BS3HDA	715	910	1075	1225	1360	1490	1610
4PXCCD60BS3HDA	720	920	1095	1250	1390	1525	1655
4PXCCU36BS3HAA	770	970	1145	1300	1440	1570	1696
4PXCCU42BS3HAA	735	930	1105	1255	1400	1530	1655
4PXCCU48BS3HAA	760	965	1140	1300	1445	1580	1710
4PXCCU60BS3HAA	740	940	1120	1280	1425	1565	1695

Mechanical Specifications

General

The dedicated Upflow and Downflow coils are designed for cooling and heat pump applications. The coil uses 3/8" seamless aluminum tubing mechanically bonded to aluminum plate fin.

Refrigerant for the PXC is controlled with a factory installed Non-Bleed TXV refrigerant control. Refrigerant connections are brazed fittings.

The coil cabinet has a removable front and interior access panel for evaporator coil entering air surface cleaning.

Upflow coils can be converted to horizontal left and downflow coils can be converted to horizontal right with optional kit purchased separately.

These coils are A.H.R.I. certified with Trane and American Standard's matching condensing units.

Accessories

Evaporator Defrost Control installed on coil for lower ambient operating conditions.

About Trane and American Standard Heating and Air Conditioning

Trane and American Standard create comfortable, energy efficient indoor environments for residential applications. For more information, please visit www.trane.com or www.americanstandardair.com



Intertek

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