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**SUBMITTAL**

**1.5 - 5 ton Coils,  
Split System Aluminum Premium  
Heat Pump / Cooling Coils  
4TXC Series Coils**

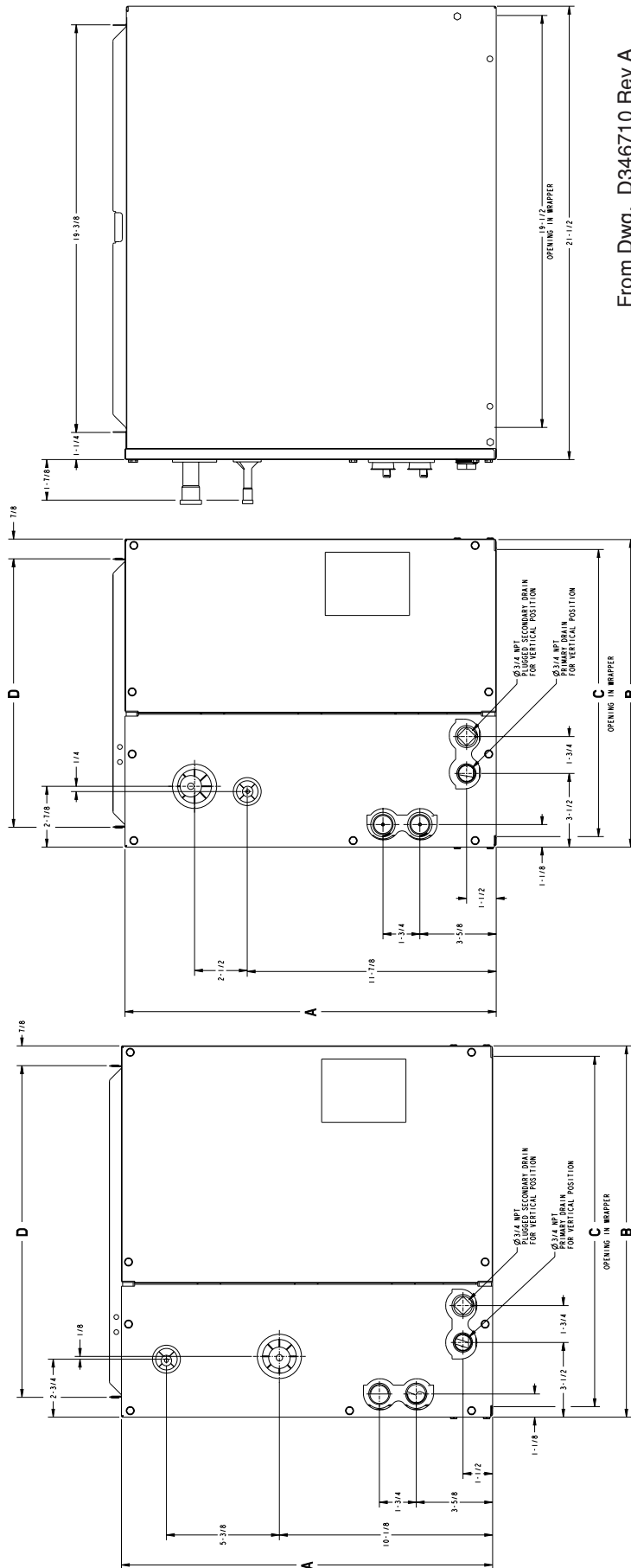
**PRODUCT SPECIFICATIONS<sup>[1]</sup> 4TXC-DS --- HIGH EFFICIENCY STAGED SPLIT SYSTEM HEAT PUMP / COOLING COMFORT™ COILS -- CASED UPFLOW / DOWNFLOW/ HORIZONTAL**

	4TXCA002DS3HCB	4TXCB003DS3HCB	4TXCA032DS3HCB	4TXCB004DS3HCB	4TXCC005DS3HCB
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Cooling Capacity (Tons)	1.5 - 2.0	1.5 - 2.5	2.5 - 3.0	3.0 - 3.5	3.0 - 3.5
Rows / F.P.I.	2 / 20	3 / 14	2 / 20	3 / 12	3 / 12
Face Area (sq.ft.)	3.0	3.5	4.5	5.0	5.0
Tube Size	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV
Internal check valve	Yes	Yes	Yes	Yes	Yes
Drain Conn. Size (in.)	3/4 NPT	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	See Outline Drawing
REFRIGERANT CONNECTIONS	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED
Line Size -- Gas (in.)	3/4	3/4	3/4	7/8	7/8
Line Size -- Liquid (in.)	3/8	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	H X W X D
Crated (H x W x D)	21-9/16 x 18-1/2 x 27-1/2	21-9/16 x 21-1/2 x 27-1/2	26-9/16 x 18-1/2 x 27-1/2	26-9/16 x 21-1/2 x 27-1/2	26-9/16 x 25 x 27-1/2
Uncrated	17-1/2 x 14-1/2 x 21-1/2	17-1/2 x 17-1/2 x 21-1/2	22-1/2 x 14-1/2 x 21-1/2	22-1/2 x 17-1/2 x 21-1/2	22-1/2 x 21 x 21-1/2
WEIGHT (lbs)	42 / 34	50 / 42	49 / 41	58 / 50	60 / 52
Shipping -- Net					
	4TXCB006DS3HCB	4TXCC007DS3HCB	4TXCD008DS3HCB	4TXCC009DS3HCB	4TXCD010DS3HCB
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Cooling Capacity (Tons)	3.5 - 4.0	3.5 - 4.0	3.5 - 5.0	3.5 - 5.0	3.5 - 5.0
Rows / F.P.I.	3 / 14	3 / 14	3 / 14	3 / 16	3 / 16
Face Area (sq.ft.)	5.5	6.0	6.0	7.0	7.0
Tube Size	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV
Internal check valve	Yes	Yes	Yes	Yes	Yes
Drain Conn. Size (in.)	3/4 NPT	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	See Outline Drawing
REFRIGERANT CONNECTIONS	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED
Line Size -- Gas (in.)	7/8	7/8	7/8	7/8	7/8
Line Size -- Liquid (in.)	3/8	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	H X W X D
Crated (H x W x D)	30-13/16 x 21-1/2 x 27-1/2	30-13/16 x 25 x 27-1/2	30-5/8 x 28-1/2 x 27-1/2	34-3/4 x 25 x 27-1/2	34-3/4 x 28-1/2 x 27-1/2
Uncrated	26-3/4 x 17-1/2 x 21-1/2	26-3/4 x 21 x 21-1/2	26-3/4 x 24-1/2 x 21-1/2	30-3/4 x 21 x 21-1/2	30-3/4 x 24-1/2 x 21-1/2
WEIGHT (lbs)	63 / 55	69 / 61	72 / 64	78 / 70	81 / 73
Shipping -- Net					

[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)

# Installer's Guide

Outline Drawing for models: 4TXCA002DS3HCB, 4TXCB003DS3HCB, 4TXCA032DS3HCB, 4TXCB004DS3HCB, 4TXCC005DS3HCB, 4TXCB006DS3HCB, 4TXCC007DS3HCB, 4TXCD008DS3HCB, 4TXCC009DS3HCB, 4TXCB010DS3HCB, 4TXCD010DS3HCB



From Dwg. D346710 Rev A

FIGURE A

FIGURE B

MODEL	4TXCA002DS3	4TXCA032DS3	4TXCB003DS3	4TXCB004DS3	4TXCC005DS3	4TXCB006DS3	4TXCC007DS3	4TXCD008DS3	4TXCC009DS3	4TXCD010DS3
SEE FIGURE	FIGURE A	FIGURE A	FIGURE B	FIGURE A	FIGURE A	FIGURE A	FIGURE A	FIGURE A	FIGURE A	FIGURE A
SHIPPING WEIGHT (LBS.)	44	49	50	58	60	63	69	72	78	81
REFRIGERANT CONTROL	TXV (NON-BLEED)									
HEIGHT "A" (IN.)	17-5/8	22-1/2	17-5/8	22-1/2	22-1/2	26-7/8	26-7/8	26-7/8	30-3/4	30-3/4
OVERALL WIDTH "B" (IN.)	14-1/2	14-1/2	17-1/2	17-1/2	21	17-1/2	21	24-1/2	21	24-1/2
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	23-5/8	20-1/8	23-5/8
TOP OPENING "D"	12-3/4	12-3/4	15-3/4	15-3/4	19-1/4	15-3/4	19-1/4	22-3/4	19-1/4	22-3/4
GAS CONNECTION	3/4									
LIQUID CONNECTION	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	24-1/2	21	24-1/2
DRAIN PAN	PLASTIC									

## Mechanical Specifications

### General

Upflow, Downflow, or Horizontal coils shall be designed for cooling and heat pump applications. The coil shall be 3/8" seamless aluminum tubing mechanically bonded to aluminum plate fin.

Refrigerant for the 4TXC Coils factory installed Non-Bleed TXV refrigerant control. Refrigerant connections are brazed fittings.

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

The coil includes a vertical drain pan with primary and secondary drain connections for vertical operation and a horizontal drain pan with primary and secondary drain connections for horizontal operation.

These coils are A.H.R.I. certified.

### Accessories

The following TXV accessories may be used with these coils as needed. Refer to kit installation guide for further details.

4AYTXVH4A1830A Adjustable TXV Kit

4AYTXVH4A3042A Adjustable TXV Kit

4AYTXVH4A4860A Adjustable TXV Kit

R-22 CONVERSION NON-BLEED TXV KITS	
Coil	R-22 TXV Kit
4TXCA002DS3HCB 4TXCA032DS3HCB 4TXCB003DS3HCB 4TXCB004DS3HCB 4TXCC005DS3HCB	2AYTXVH3H1836A
4TXCB006DS3HCB 4TXCC007DS3HCB 4TXCD008DS3HCB	2AYTXVH3H4248A
4TXCC009DS3HCB 4TXCD010DS3HCB	2AYTXVH3H6060A

PRESSURE DROP CHARACTERISTICS FOR COOLING AND HEAT PUMP COILS AIRFLOW (CFM) VS. PRESSURE DROP ACROSS WET COIL								
PRESSURE DROP (INCHES OF WATER COLUMN)								
Model	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4
4TXCA002DS3HCB	225	340	430	510	585	650	715	775
4TXCA032DS3HCB	375	570	725	860	985	1100	1200	1305
4TXCB003DS3HCB	350	525	665	790	900	1000	1095	1180
4TXCB004DS3HCB	440	655	825	970	1100	1220	1330	1435
4TXCB006DS3HCB	430	640	815	965	1095	1220	1335	1445
4TXCC005DS3HCB	520	770	970	1145	1300	1440	1570	1695
4TXCC007DS3HCB	505	760	965	1140	1300	1445	1580	1710
4TXCC009DS3HCB	490	740	940	1120	1280	1425	1565	1695
4TXCD008DS3HCB	580	870	1100	1300	1485	1650	1805	1950
4TXCD010DS3HCB	555	835	1065	1265	1445	1615	1770	1915

### 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](http://www.trane.com) or [www.americanstandardair.com](http://www.americanstandardair.com)

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