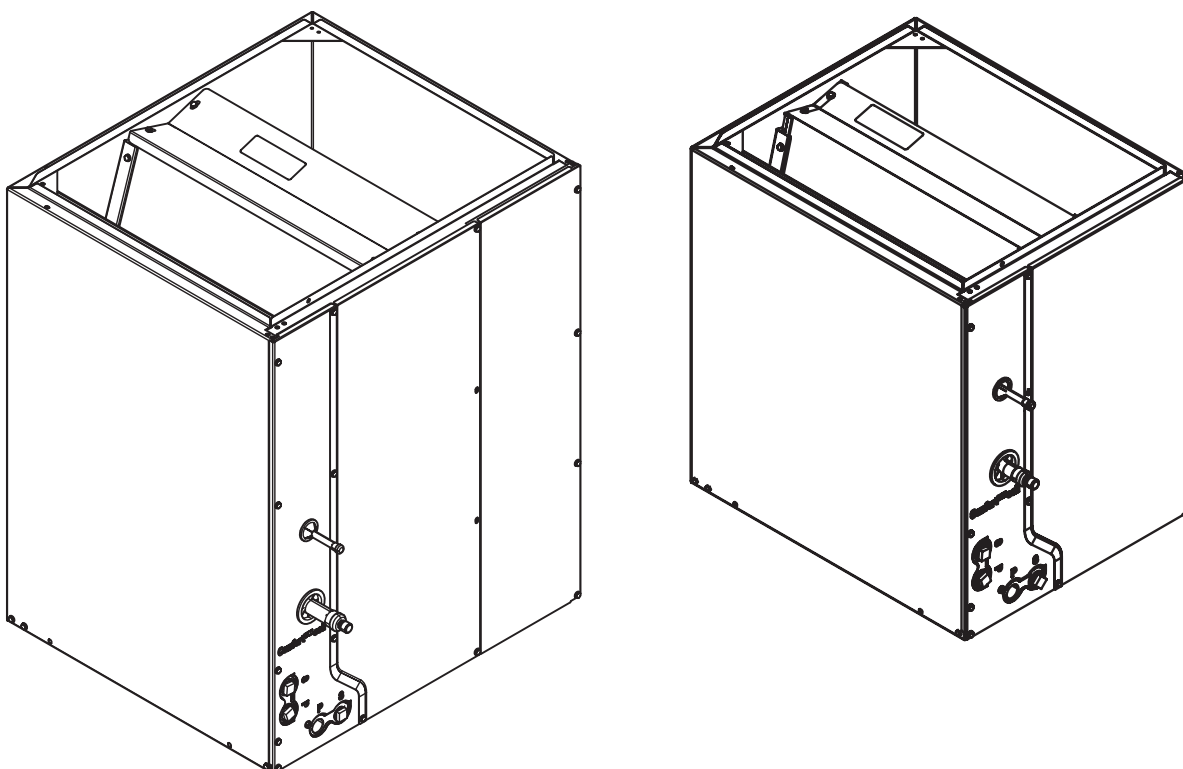




Aluminum Cased Heat Pump / Cooling Coils 2 - 5 Ton

4TXC-DS

Heat Pump /Cooling Coils for R-410A



PUB. NO. 22-1923-1B-EN



Aluminum Heat Pump Coil Nomenclature

	4	T	X	C	A	0	0	2	D	S	3	H	C	A	A
Refrigerant Type 4 - R410A															
Product Family T-Premium (Heat Pump or Convertible Coil)															
Coil Design X - Direct Expansion Evaporator Coil															
Product Family C - Cased A Coil A - Uncased A Coil F - Cased Horizontal Flat Coil															
Coil Width (Cased/Uncased) A - 14.5" / 13.3" B - 17.5" / 16.3" C - 21.0" / 19.8" D - 24.5" / 23.3" H - 10.5"															
Refrigerant Line Coupling 0 - Brazed															
Model Number Distinguisher															
Major Design Change															
Efficiency C - Standard S - Hi Efficiency															
Refrigerant Control 3 - TXV - Non-Bleed															
Coil Circuitry H - Heat Pump															
Airflow Configuration A - Upflow Only U - Upflow / Downflow H - Horizontal Only C - Convertible - Upflow, Downflow, Left or Right Airflow															
Minor Design Change															
Unit Parts Identifier															



General Data

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

	4TXCA002DS3HCA	4TXCB003DS3HCA	4TXCB004DS3HCA	4TXCB006DS3HCA	4TXCC005DS3HCA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows / F.P.I.	2 / 20	3 / 14	3 / 12	3 / 14	3 / 12
Face Area (sq.ft.)	3.00	3.50	5.00	6.00	5.00
Tube Size	3/8	3/8	3/8	3/8	3/8
Refrigerant Control (No internal check valve)	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV
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	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)	21-3/8 x 17-1/2 x 26-1/2	21-3/8 x 20-1/2 x 26-1/2	26-3/8 x 20-1/2 x 26-1/2	30-5/8 x 20-1/2 x 26-1/2	26-3/8 x 24 x 26-1/2
Uncrated	17-5/8 x 14-1/2 x 21-1/2	17-5/8 x 17-1/2 x 21-1/2	22-5/8 x 17-1/2 x 21-1/2	26-7/8 x 17-1/2 x 21-1/2	22-5/8 x 21 x 21-1/2
WEIGHT (lbs)					
Shipping -- Net	42 / 34	50 / 42	58 / 50	60 / 52	65 / 57

	4TXCC007DS3HCA	4TXCD008DS3HCA	4TXCC009DS3HCA	4TXCD010DS3HCA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows / F.P.I.	3 / 14	3 / 14	3 / 16	3 / 16
Face Area (sq.ft.)	6.00	6.00	7.00	7.00
Tube Size	3/8	3/8	3/8	3/8
Refrigerant Control (No internal check valve)	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV	Non-Bleed TXV
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.)	7/8	7/8	7/8	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)	30-5/8 x 24 x 26-1/2	30-5/8 x 27-1/2 x 26-1/2	34-1/2 x 24 x 26-1/2	34-1/2 x 27-1/2 x 26-1/2
Uncrated	26-7/8 x 21 x 21-1/2	26-7/8 x 24-1/2 x 21-1/2	30-5/8 x 21 x 21-1/2	30-3/4 x 24-1/2 x 21-1/2
WEIGHT (lbs)				
Shipping -- Net	69 / 61	72 / 64	78 / 70	81 / 73

[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

Performance Data

PRESSURE DROP CHARACTERISTICS FOR COOLING AND HEAT PUMP COILS AIRFLOW (CFM) VS. PRESSURE DROP ACROSS WET COIL								
PRESSURE DROP (INCHES OF WATER COLUMN)								
MODEL	.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4
4TXCA002DS3HCA	225	340	430	510	585	650	715	775
4TXCB003DS3HCA	350	525	665	790	900	1000	1095	1180
4TXCB004DS3HCA	440	655	825	970	1100	1220	1330	1435
4TXCB006DS3HCA	430	640	815	965	1095	1220	1335	1445
4TXCC005DS3HCA	520	770	970	1145	1300	1440	1570	1695
4TXCC007DS3HCA	505	760	965	1140	1300	1445	1580	1710
4TXCC009DS3HCA	490	740	940	1120	1280	1425	1565	1695
4TXCD008DS3HCA	580	870	1100	1300	1485	1650	1805	1950
4TXCD010DS3HCA	555	835	1065	1265	1445	1615	1770	1915

R-22 CONVERSION NON-BLEED TXV KITS	
Coils	R-22 TXV Kit
4TXCA002DS3HCA 4TXCB003DS3HCA 4TXCB004DS3HCA 4TXCC005DS3HCA	2AYTXVH3H1836A
4TXCB006DS3HCA 4TXCC007DS3HCA 4TXCD008DS3HCA	2AYTXVH3H4248A
4TXCC009DS3HCA 4TXCD010DS3HCA	2AYTXVH3H6060A

[illegible]

FIGURE A

MODEL	4TXCA002DS3	4TXCB004DS3	4TXCC005DS3	4TXCB006DS3	4TXCC007DS3	4TXCC009DS3
WEIGHT (LBS.)	42	58	60	65	69	78
REFRIGERANT CONTROL	TXV (NON-BLEED)					
HEIGHT "A" (IN.)	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	17-1/2	21	17-1/2	21	21
OPENING WIDTH "C" (IN.)	13-5/8	16-5/8	20-1/8	16-5/8	20-1/8	20-1/8
TOP OPENING "D"	12-3/4	15-3/4	19-1/4	15-3/4	19-1/4	19-1/4
GAS CONNECTION	3/4			7/8		
LIQUID CONNECTION	3/8					
MATCHED FURNACE WIDTH (NO ADAPTER REQUIRED)	14-1/2	17-1/2	21	17-1/2	21	21
DRAIN PAN	PLASTIC					

From Dwg. D345686 RevA

[illegible]

MODEL	4TXCB003DS3
WEIGHT (LBS.)	50
REFRIGERANT CONTROL	TXV (NON-BLEED)
HEIGHT "A" (IN.)	17-1/2
OVERALL WIDTH "B" (IN.)	17-1/2
OPENING WIDTH "C" (IN.)	16-5/8
TOP OPENING "D"	15-3/4
GAS CONNECTION	3/4
LIQUID CONNECTION	3/8
MATCHED FURNACE WIDTH (NO ADAPTER REQUIRED)	17-1/2
DRAIN PAN	PLASTIC

Pub. No. 22-1923-1B-EN

Outline Drawing for Models: 4TXCD008DS3, 4TXCD010DS3

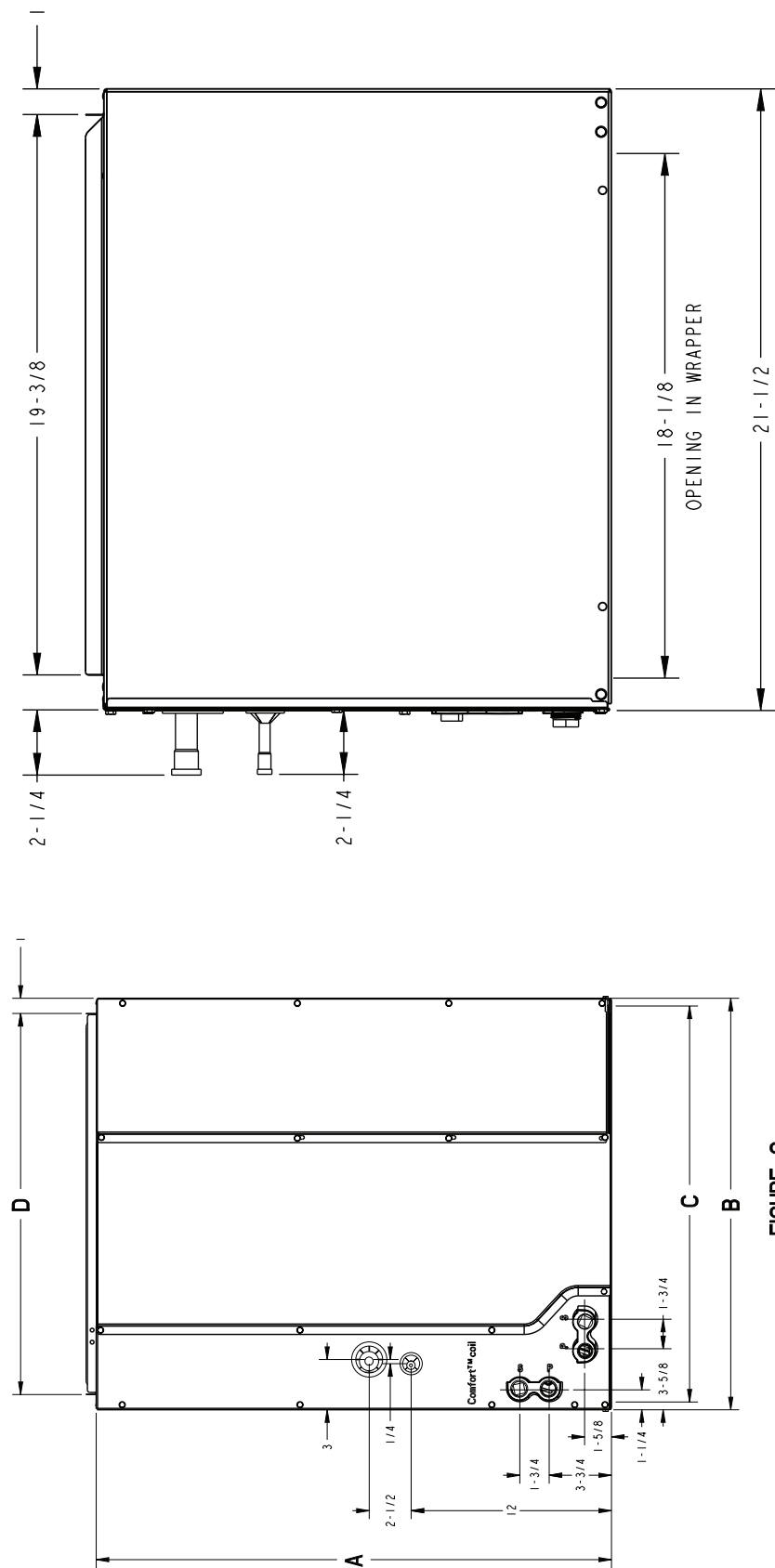


FIGURE C

MODEL	4TXCD008DS3	4TXCD010DS3
WEIGHT (LBS.)	72	81
REFRIGERANT CONTROL	TXV (NON-BLEED)	
HEIGHT "A" (IN.)	26-7/8	30-11/16
OVERALL WIDTH "B" (IN.)	24-1/2	24-1/2
OPENING WIDTH "C" (IN.)	23-5/8	23-5/8
TOP OPENING "D"	22-3/4	22-3/4
GAS CONNECTION	7/8	
LIQUID CONNECTION	3/8	
MATCHED FURNACE WIDTH (NO ADAPTER REQUIRED)	24-1/2	24-1/2
DRAIN PAN	PLASTIC	

From Dwg. D345686 RevB



TRANE®

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For more information contact
your local dealer (distributor)



Literature Order Number	22-1923-1B-EN
File Number	22-1923-1B-EN
Supersedes	22-1923-1A-EN
Date	07/17

Since **Trane** has a policy of continuous product improvement, **it** reserves the right to change design and specifications without notice.