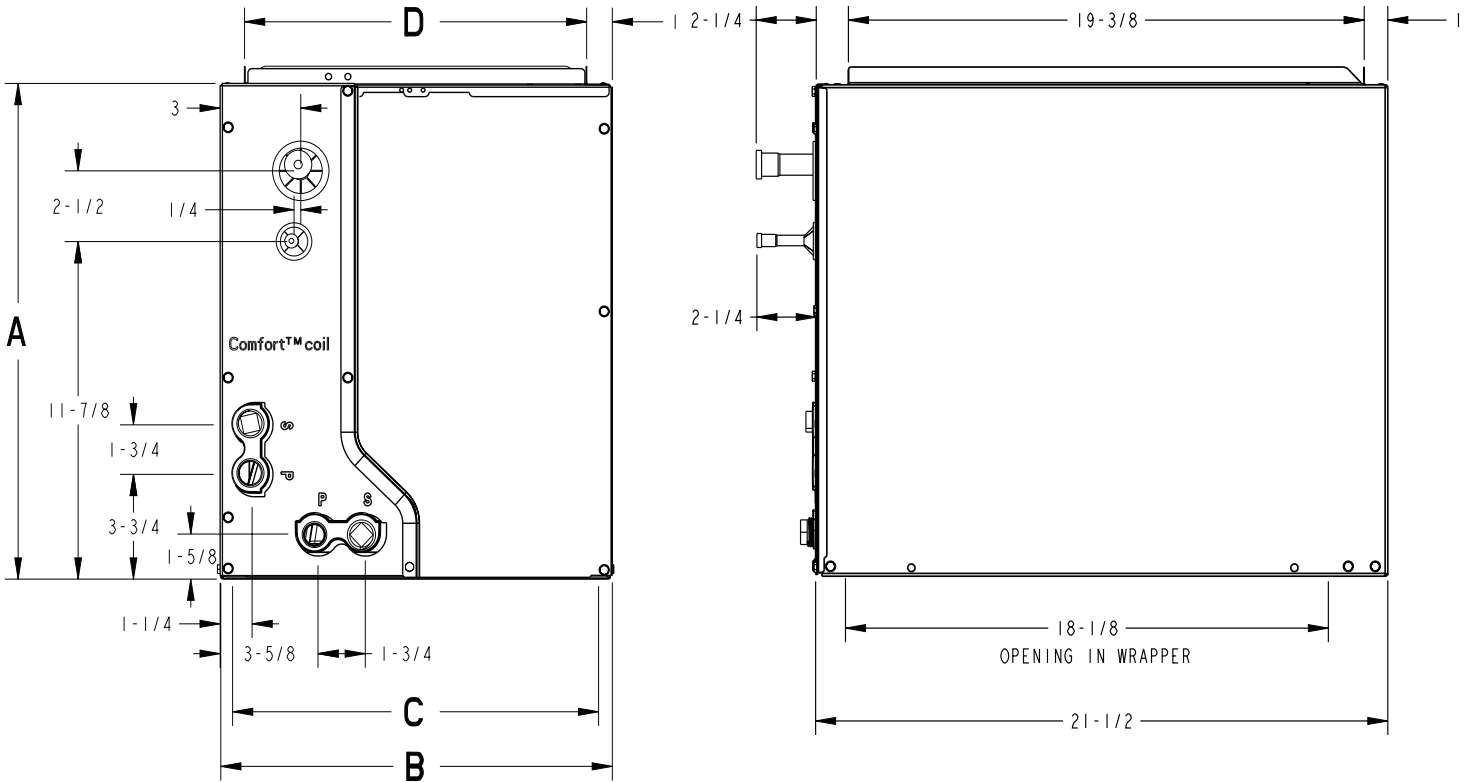


TAG: _____

SUBMITTAL

**1-1/2 – 5 ton Comfort™ Coils, Split System
Aluminum Heat Pump / Cooling Coils
Cased Upflow/Downflow Horizontal
4TXC-DS Series Coils**

Outline Drawing for models: 4TXCA002DS3, 4TXCA032DS3, 4TXCB003DS3*, 4TXCB004DS3, 4TXCC005DS3, 4TXCB006DS3, 4TXCC007DS3, 4TXCD008DS3*, 4TXCC009DS3, 4TXCD010DS3*



* Connection locations will vary from Outline drawing

FIGURE A

From Dwg. D345686 RevD

| MODEL | 4TXCA002DS3 | 4TXCA032DS3 | 4TXCB003DS3 | 4TXCB004DS3 | 4TXCC005DS3 | 4TXCB006DS3 | 4TXCC007DS3 | 4TXCC009DS3 | 4TXCD008DS3 | 4TXCD010DS3 |
|---|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| WEIGHT (LBS.) | 42 | 46 | 50 | 58 | 60 | 65 | 69 | 78 | 72 | 81 |
| 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 | 26-7/8 | 30-11/16 |
| OVERALL WIDTH "B" (IN.) | 14-1/2 | 14-1/2 | 17-1/2 | 17-1/2 | 21 | 17-1/2 | 21 | 21 | 24-1/2 | 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 | 20-1/8 | 23-5/8 | 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 | 19-1/4 | 22-3/4 | 22-3/4 |
| GAS CONNECTION | 3/4 | | | | 7/8 | | | | | |
| 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 | 21 | 24-1/2 | 24-1/2 |
| DRAIN PAN | PLASTIC | | | | | | | | | |

Installer's Guide

PRODUCT SPECIFICATIONS --- SPLIT SYSTEM HEAT PUMP / COOLING COMFORT™ COILS CASED UPFLOW / DOWNFLOW / HORIZONTAL

| | 4TXCA002DS3HCA | 4TXCA032DS3HCA | 4TXCB003DS3HCA | 4TXCB004DS3HCA | 4TXCB006DS3HCA |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| INDOOR COIL -- Type | PLATE FIN | PLATE FIN | PLATE FIN | PLATE FIN | PLATE FIN |
| Cooling Capacity (Tons) | 1.5 - 2.0 | 1.5 - 3.0 | 1.5 - 3.0 | 2.0 - 3.5 | 2.0 - 4.0 |
| Rows / F.P.I. | 2 / 20 | 2 / 20 | 3 / 14 | 3 / 12 | 3 / 14 |
| Face Area (sq.ft.) | 3.00 | 4.5 | 3.50 | 5.00 | 6.00 |
| 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 | 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) | 21-3/8 x 17-1/2 x 26-1/2 | 26*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 |
| Uncrated | 17-5/8 x 14-1/2 x 21-1/2 | 22-5/8 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 |
| WEIGHT (lbs) | | | | | |
| Shipping -- Net | 42 / 34 | 46 / 38 | 50 / 42 | 58 / 50 | 60 / 52 |

| | 4TXCC005DS3HCA | 4TXCC007DS3HCA | 4TXCD008DS3HCA | 4TXCC009DS3HCA | 4TXCD010DS3HCA |
|---|----------------------|----------------------|--------------------------|----------------------|--------------------------|
| INDOOR COIL -- Type | PLATE FIN | PLATE FIN | PLATE FIN | PLATE FIN | PLATE FIN |
| Cooling Capacity (Tons) | 2.0 - 4.0 | 3.0 - 5.0 | 3.0 - 5.0 | 3.5 - 5.0 | 3.5 - 5.0 |
| Rows / F.P.I. | 3 / 12 | 3 / 14 | 3 / 14 | 3 / 16 | 3 / 16 |
| Face Area (sq.ft.) | 5.00 | 6.00 | 6.00 | 7.00 | 7.00 |
| 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.) | 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) | 26-3/8 x 24 x 26-1/2 | 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 | 22-5/8 x 21 x 21-1/2 | 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 | 65 / 57 | 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

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-DS coils shall be controlled with factory installed Non-Bleed TXV refrigerant control. Refrigerant connections are brazed fittings with an additional Schrader Valve for system service.

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

The coil includes a drain pan with drain connections for vertical or horizontal operation and a horizontal auxiliary drain pan.

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.

| PRESSURE DROP CHARACTERISTICS FOR COOLING AND HEAT PUMP COILS AIRFLOW (CFM) VS. PRESSURE DROP | | | | | | | | |
|---|-----|-----|------|------|------|------|------|------|
| 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 |
| 4TXCA032DS3HCA | 375 | 570 | 725 | 860 | 985 | 1100 | 1200 | 1305 |
| 4TXCB004DS3HCA | 440 | 655 | 825 | 970 | 1100 | 1220 | 1330 | 1435 |
| 4TXCB003DS3HCA | 350 | 525 | 665 | 790 | 900 | 1000 | 1095 | 1180 |
| 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 |
| 4TXCD008DS3HCA | 580 | 870 | 1100 | 1300 | 1485 | 1650 | 1805 | 1950 |
| 4TXCC009DS3HCA | 490 | 740 | 940 | 1120 | 1280 | 1425 | 1565 | 1695 |
| 4TXCD010DS3HCA | 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 or www.americanstandardair.com



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.

4TXC-DS-SUB-1C-EN 18 Jun 2020
Supersedes 4TXC-DS-SUB-1B (March 2019)

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