



4TTX6048-SQ-102.01

TAG: \_\_\_\_\_

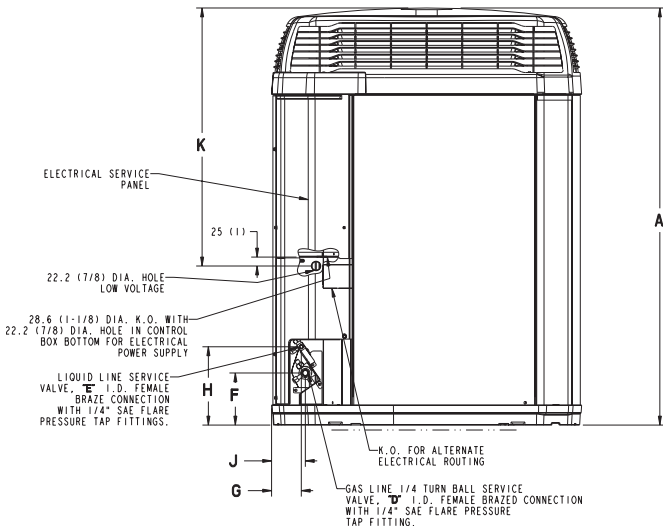
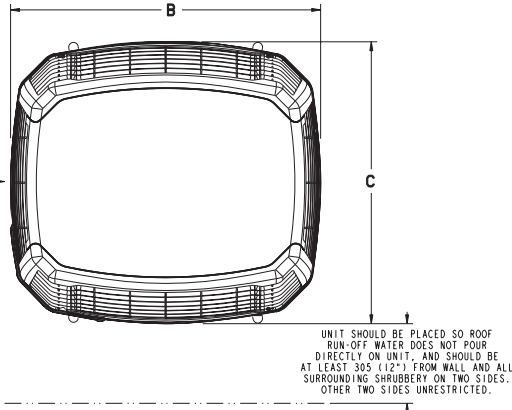
# SUBMITTAL

NOTE: All dimensions are in mm/inches.

## 4 Ton Split System Cooling — 1 Phase 4TTX6048B

### OUTDOOR UNIT 4TTX6048B1000A

| Model No.(1)                    | 4TTX6048B1000AA          |
|---------------------------------|--------------------------|
| Electrical Data V/Ph/Hz(2)      | 230/1/60                 |
| Min Cir Ampacity                | 29                       |
| Max Fuse Size (Amps)            | 50                       |
| Compressor                      | CLIMATUFF - (R) - SCROLL |
| RL Amps - LR Amps               | 21.2 - 96                |
| Outdoor Fan FL Amps             | 2.8                      |
| Fan HP                          | 1/3                      |
| Fan Dia (inches)                | 27.6                     |
| Coil                            | Spine Fin TM             |
| Refrigerant R-410A              | 7/08-LB/OZ               |
| Line Size-(in.) O.D. Gas (3)    | 7/8                      |
| Line Size-(in.) O.D. Liquid (3) | 3/8                      |
| Dimensions HxWxD (Crated)       | 53.4 X 35.1 X 38.7       |
| Weight-Shipping                 | 310                      |
| Weight-Net                      | 262                      |
| Start Components                | NO                       |
| Sound Enclosure                 | YES                      |
| Compressor Sump Heat            | NO                       |



- ① Certified in accordance with the Unitary Air-Conditioner equipment certification program which is based on ARI Standard 210/240.
- ② Calculated in accordance with N.E.C. Use only HACR circuit breakers or fuses.
- ③ Standard line lengths - 80'. Standard lift - 25' Suction and Liquid line.  
For Greater lengths and lifts refer to refrigerant piping software Pub# 32-3312-01. (\*denotes latest revision)
- ④ For accessory description and usage, see page 5.
- ⑤ \* = 15, 20, 25, 30, 40 and 50 foot lineset available.

| MODELS    | BASE | A                | B               | C               | D   | E   | F          | G             | H              | J             | K               |
|-----------|------|------------------|-----------------|-----------------|-----|-----|------------|---------------|----------------|---------------|-----------------|
| 4TTX6048B | 4    | 1267<br>(49-7/8) | 946<br>(37-1/4) | 870<br>(34-1/4) | 7/8 | 3/8 | 152<br>(6) | 98<br>(3-7/8) | 219<br>(8-5/8) | 86<br>(3-3/8) | 730<br>(28-3/4) |

From Dwg. 21D152635 Rev.10



### A-weighted Sound Power Level [dB(A)]

| MODEL      | SOUND POWER LEVEL [dB(A)] | A-WEIGHTED FULL OCTAVE SOUND POWER LEVEL dB - [dB(A)] |      |      |      |      |      |      |      |
|------------|---------------------------|---|------|------|------|------|------|------|------|
|            |                           | 63  | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
| 4TTX6048B1 | 74                        | 52.7  | 54.6 | 60.6 | 71.6 | 68.8 | 61.8 | 59.0 | 50.4 |

# System Ratings

## 4TTX6048B1

### CONDENSING UNIT WITH AIR HANDLERS

| AIR HANDLER | CFM  | TOTAL CAPACITY | SENSIBLE CAPACITY | KW   | SEER  | EER   |
|-------------|------|----------------|-------------------|------|-------|-------|
| 4TEE3F40A1  | 1400 | 47500          | 34800             | 4.06 | 16.00 | 11.70 |
| 4TEE3F49A1  | 1600 | 49000          | 35000             | 4.12 | 16.35 | 11.90 |

### CONDENSING UNIT WITH FURNACE AND COILS

| FURNACE AND COIL             | CFM  | TOTAL CAPACITY | SENSIBLE CAPACITY | KW   | SEER  | EER   |
|------------------------------|------|----------------|-------------------|------|-------|-------|
| TDD100R9V5+RXC054S3          | 1620 | 46500          | 34800             | 4.15 | 15.50 | 11.20 |
| TDD100R9V5+TXC043C4+4AYTXV-3 | 1620 | 45500          | 33800             | 4.17 | 15.00 | 10.90 |
| TDD100R9V5+TXC049C4+4AYTXV-3 | 1620 | 46000          | 34400             | 4.14 | 15.25 | 11.10 |
| TDD100R9V5+TXH054A4+4AYTXV-3 | 1620 | 47500          | 36400             | 4.17 | 15.75 | 11.40 |
| TDD120R9V5+TXC050C4+4AYTXV-3 | 1630 | 46500          | 34800             | 4.12 | 15.50 | 11.30 |
| TDD120R9V5+TXH054A4+4AYTXV-3 | 1630 | 48000          | 37000             | 4.14 | 16.00 | 11.60 |
| TDY100R9V4+RXC054S3          | 1450 | 45500          | 32800             | 4.14 | 15.00 | 11.00 |
| TDY100R9V4+TXC043C4+4AYTXV-3 | 1450 | 44500          | 32000             | 4.12 | 14.75 | 10.80 |
| TDY100R9V4+TXC049C4+4AYTXV-3 | 1450 | 45500          | 32800             | 4.17 | 15.00 | 10.90 |
| TDY100R9V4+TXH054A4+4AYTXV-3 | 1450 | 47000          | 34600             | 4.16 | 15.50 | 11.30 |
| TDY120R9V5+TXC050C4+4AYTXV-3 | 1430 | 45500          | 32800             | 4.06 | 15.25 | 11.20 |
| TDY120R9V5+TXH054A4+4AYTXV-3 | 1430 | 47000          | 34600             | 4.09 | 15.75 | 11.50 |
| TUD080R9V4+RXC054S3          | 1590 | 46500          | 34600             | 4.15 | 15.50 | 11.20 |

### CONDENSING UNIT WITH FURNACE AND COILS

| FURNACE AND COIL             | CFM  | TOTAL CAPACITY | SENSIBLE CAPACITY | KW   | SEER  | EER   |
|------------------------------|------|----------------|-------------------|------|-------|-------|
| TUD080R9V4+TXC043C4+4AYTXV-3 | 1590 | 45500          | 33800             | 4.17 | 15.00 | 10.90 |
| TUD080R9V4+TXC049C4+4AYTXV-3 | 1590 | 46000          | 34200             | 4.14 | 15.25 | 11.10 |
| TUD080R9V4+TXH054A4+4AYTXV-3 | 1590 | 47500          | 36200             | 4.17 | 15.75 | 11.40 |
| TUD100R9V5+RXC054S3          | 1670 | 46500          | 35200             | 4.19 | 15.25 | 11.10 |
| TUD100R9V5+TXC043C4+4AYTXV-3 | 1670 | 45500          | 34200             | 4.21 | 15.00 | 10.80 |
| TUD100R9V5+TXC049C4+4AYTXV-3 | 1670 | 46500          | 35200             | 4.23 | 15.25 | 11.00 |
| TUD100R9V5+TXH054A4+4AYTXV-3 | 1670 | 48000          | 37200             | 4.25 | 15.50 | 11.30 |
| TUD120R9V5+TXC050C4+4AYTXV-3 | 1630 | 46500          | 34800             | 4.15 | 15.50 | 11.20 |
| TUD120R9V5+TXH054A4+4AYTXV-3 | 1630 | 48000          | 37000             | 4.17 | 15.75 | 11.50 |
| TUD140R9V5+TXC050C4+4AYTXV-3 | 1590 | 46000          | 34200             | 4.07 | 15.50 | 11.30 |
| TUD140R9V5+TXH054A4+4AYTXV-3 | 1590 | 48000          | 36600             | 4.14 | 16.00 | 11.60 |
| TUY100R9V4+RXC054S3          | 1430 | 45500          | 32800             | 4.06 | 15.25 | 11.20 |
| TUY100R9V4+TXC043C4+4AYTXV-3 | 1430 | 44500          | 32000             | 4.08 | 14.75 | 10.90 |
| TUY100R9V4+TXC049C4+4AYTXV-3 | 1430 | 45500          | 32800             | 4.10 | 15.00 | 11.10 |
| TUY100R9V4+TXH054A4+4AYTXV-3 | 1430 | 47000          | 34600             | 4.12 | 15.50 | 11.40 |
| TUY120R9V5+TXC050C4+4AYTXV-3 | 1430 | 45500          | 32800             | 4.06 | 15.25 | 11.20 |
| TUY120R9V5+TXH054A4+4AYTXV-3 | 1430 | 47000          | 34600             | 4.05 | 15.75 | 11.60 |

# Mechanical Specification Options

## General

The 4TTX6 shall be fully charged from the factory for matched indoor section and up to 15 feet of piping. This unit is designed to operate at outdoor ambient temperatures as high as 115°F. Cooling capacities are matched with a wide selection of air handlers and furnace coils that are A.R.I. certified. The unit is UL listed. Exterior is designed for outdoor application.

## Casing

Unit casing is constructed of heavy gauge, galvanized steel and painted with a weather-resistant powder paint. Corrosion and weatherproof CMBP-G30 Duratuff™ Base.

## Refrigerant Controls

Refrigeration system controls include condenser fan and compressor contactor. High and low pressure controls are inherent to the compressor. Another standard feature is the liquid line dryer.

## Compressor

The Climatuff® compressor features internal over temperature and pressure protector and total dipped hermetic motor. Other features include: roto lock suction and discharge refrigeration connections, centrifugal oil pump, and low vibration and noise. The Climatuff® compressor is standard with a 10 year limited warranty.

## Condenser Coil

The Spine Fin™ coil is continuously wrapped, corrosion resistant all aluminum with minimum brazed joints. Coils are lab tested to withstand 2,000 pounds of pressure per square inch. The outdoor coil provides low airflow resistance and efficient heat transfer. The coil is protected on all four sides by louvered panels and has a 10 year limited warranty.

## Low Ambient Cooling

As manufactured, this unit has a cooling capability to 55°F. The addition of an evaporator defrost control permits operation to 40°F. The addition of an evaporator defrost control with TXV permits low ambient cooling to 30°F.

## Accessories

**Thermostats** — Heating/Cooling (manual and automatic changeover). Sub-base to match thermostat and locking thermostat cover.

**Evaporator Defrost Control** — See Low Ambient Cooling.

**Outdoor Thermostat** — Supplemental heat outdoor ambient lockout from 46 to -10°F.



**TRANE**®

Trane  
A Business of  
American Standard Companies  
www.trane.com

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