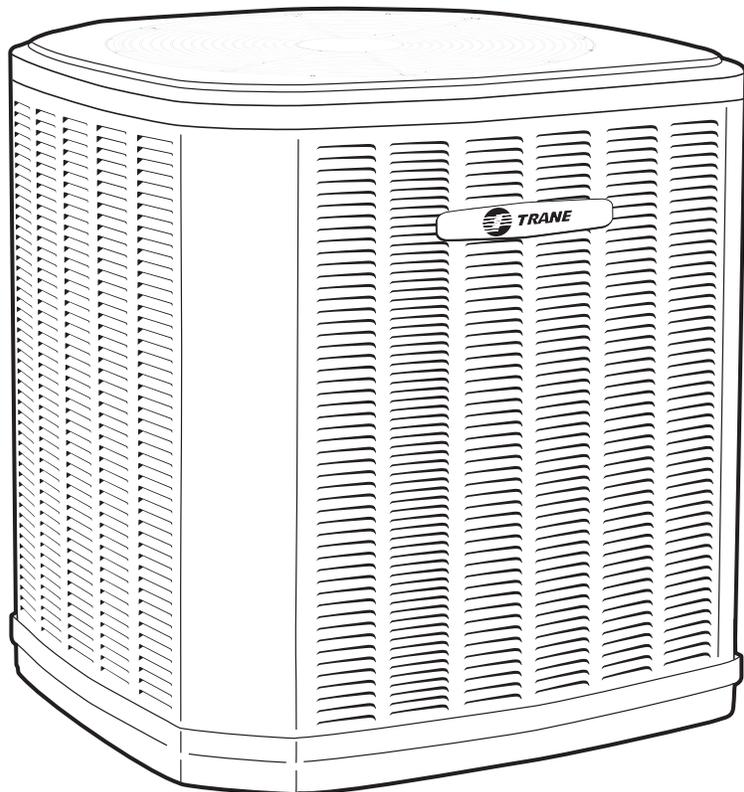




Split System Cooling Product Data

XR16 4TTR6

1 1/2 - 5 Tons



PUB. NO. 22-1889-01



Features and Benefits

- **CLIMATUFF®** compressor
- Efficiency up to **17.0 SEER**
- All aluminum **SPINE FIN™** coil
- **WEATHERGUARD™** fasteners
- **QUICK-SESS™** cabinet, service access and refrigerant connections with full coil protection
- **DURATUFF™** base, fast complete drain, weatherproof
- **COMFORT-R™** mode approved
- Glossy corrosion resistant finish
- Internal compressor high/low pressure & temperature protection
- 018, 024 & 030 ship with start kit
- Liquid line filter/drier
- Tarpaulin gray cabinet with anthracite gray badge and cap
- High pressure switch
- Service valve cover
- R-410A refrigerant
- S.E.E.T. design testing
- 100% line run test
- Low ambient cooling to 30°F with AY28X079
- Low ambient cooling to 55°F as shipped
- **Extended warranties available**

Contents

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| Product Specifications | 4 |
| A-weighted Sound Power Level [dB(A)] | 4 |
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General Data

Product Specifications

| Model No. ① | 4TTR6018B1000A | 4TTR6024B1000A | 4TTR6030B1000A | 4TTR6036B1000A |
|---------------------------------|----------------|----------------|--------------------|---------------------|
| Electrical Data V/Ph/Hz ② | 208/230/1/60 | 208/230/1/60 | 208/230/1/60 | 208/230/1/60 |
| Min Cir Ampacity | 9 | 9 | 12 | 19 |
| Max Fuse Size (Amps) | 15 | 15 | 20 | 30 |
| Compressors | CLIMATUFF® | CLIMATUFF® | CLIMATUFF® | CLIMATUFF® · SCROLL |
| No. Used - No. Stages | 1-1 | 1-1 | 1-1 | 1-1 |
| RL AMPS - LR AMPS | 6.4 - 38.6 | 6.8 - 38.6 | 9.1 - 57.8 | 14.1 - 77 |
| Outdoor Fan FL Amps | 0.74 | 0.74 | 0.93 | 0.93 |
| Fan HP | 1/8 | 1/8 | 1/5 | 1/5 |
| Fan Dia (inches) | 23 | 23 | 27.6 | 27.6 |
| Coil | Spine Fin™ | Spine Fin™ | Spine Fin™ | Spine Fin™ |
| Refrigerant R-410A | 5/2-LB/OZ | 6/3-LB/OZ | 7/0-LB/OZ | 7/4-LB/OZ |
| Line Size - (in.) O.D. Gas ③ | 5/8 | 3/4 | 3/4 | 3/4 |
| Line Size - (in.) O.D. Liquid ③ | 3/8 | 3/8 | 3/8 | 3/8 |
| Dimensions H x W x D (Crated) | 34 x 30.1 x 33 | 34 x 30.1 x 33 | 38.4 x 35.1 x 38.7 | 42.4 x 35.1 x 38.7 |
| Weight - Shipping | 200 | 201 | 234 | 228 |
| Weight - Net | 173 | 174 | 201 | 193 |
| Start Components | YES | YES | YES | NO |
| Sound Enclosure | YES | YES | YES | YES |
| Compressor Sump Heat | NO | NO | NO | NO |
| Optional Accessories: ④ | | | | |
| Anti-short Cycle Timer | TAYASCT501A | TAYASCT501A | TAYASCT501A | TAYASCT501A |
| Evaporator Defrost Control A/C | AY28X079 | AY28X079 | AY28X079 | AY28X079 |
| Rubber Isolator Kit | BAYISLT101 | BAYISLT101 | BAYISLT101 | BAYISLT101 |
| Crank Case Heater Kit | BAYCCHT300 | BAYCCHT300 | BAYCCHT300 | BAYCCHT302 |
| Hard Start Kit Scroll | | | | BAYKSKT260 |
| Extreme Condition Mounting Kit | BAYECMT023 | BAYECMT023 | BAYECMT004 | BAYECMT004 |
| Snow Leg - Base & Cap 4" High | BAYLEGS002 | BAYLEGS002 | BAYLEGS002 | BAYLEGS002 |
| Snow Leg - 4" Extension | BAYLEGS003 | BAYLEGS003 | BAYLEGS003 | BAYLEGS003 |
| Seacoast Kit | BAYSEAC001 | BAYSEAC001 | BAYSEAC001 | BAYSEAC001 |
| Refrigerant Lineset ⑤ | TAYREFLN950 | TAYREFLN7* | TAYREFLN7* | TAYREFLN7* |

① Certified in accordance with the Air-Source Unitary Heat Pump Equipment certification program which is based on AHRI Standard 210/240.

② Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.

③ Standard line lengths - 80'. Standard lift - 60' 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.

Sound Power Level

| Model | A-Weighted Sound Power Level [dB(A)] | Full Octave Sound Power [dB] | | | | | | | |
|------------|--------------------------------------|------------------------------|--------|--------|--------|---------|---------|---------|---------|
| | | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz |
| 4TTR6018B1 | 75 | 51 | 61 | 65 | 74 | 74 | 72 | 61 | 51 |
| 4TTR6024B1 | 75 | 49 | 62 | 66 | 74 | 74 | 69 | 62 | 54 |
| 4TTR6030B1 | 75 | 54 | 69 | 72 | 78 | 76 | 72 | 64 | 54 |
| 4TTR6036B1 | 75 | 49 | 68 | 73 | 76 | 74 | 70 | 62 | 51 |
| 4TTR6042B1 | 75 | 49 | 69 | 74 | 77 | 75 | 70 | 62 | 51 |
| 4TTR6048B1 | 75 | 49 | 69 | 74 | 77 | 75 | 70 | 62 | 51 |
| 4TTR6049B1 | 74 | 70 | 70 | 65 | 64 | 62 | 56 | 49 | 42 |
| 4TTR6060B1 | 75 | 49 | 69 | 74 | 77 | 75 | 70 | 62 | 51 |
| 4TTR6061B1 | 75 | 68 | 70 | 67 | 68 | 64 | 56 | 53 | 48 |

Note: Rated in accordance with AHRI Standard 270-2008



General Data

Product Specifications

| Model No. ① | 4TTR6042B1000A | 4TTR6048B1000A | 4TTR6049B1000A | 4TTR6060B1000A | 4TTR6061B000A |
|---------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Electrical Data V/Ph/Hz ② | 208/230/1/60 | 208/230/1/60 | 208/230/1/60 | 208/230/1/60 | 230/1/60 |
| Min Cir Ampacity | 23 | 26 | 26 | 34 | 45 |
| Max Fuse Size (Amps) | 40 | 45 | 45 | 60 | 60 |
| Compressors | CLIMATUFF® · SCROLL |
| No. Used - No. Stages | 1-1 | 1-1 | 1-1 | 1-1 | 1-2 |
| RL AMPS - LR AMPS | 17.9 - 112 | 19.9 - 109 | 19.9 - 109 | 26.4 - 134 | 32.1 - 152.9 |
| Outdoor Fan FL Amps | 0.93 | 0.93 | 1.00 | 0.93 | 2.80 |
| Fan HP | 1/5 | 1/5 | 1/5 | 1/5 | 1/3 |
| Fan Dia (inches) | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 |
| Coil | Spine Fin™ |
| Refrigerant R-410A | 8/4-LB/OZ | 8/5-LB/OZ | 11/9-LB/OZ | 8/8-LB/OZ | 12/9-LB/OZ |
| Line Size - (in.) O.D. Gas ③ | 7/8 | 7/8 | 7/8 | 7/8 | 1-1/8 |
| Line Size - (in.) O.D. Liquid ③ | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| Dimensions H x W x D (Crated) | 46.4 x 35.1 x 38.7 | 51 x 35.1 x 38.7 | 51 x 35.1 x 38.7 | 51 x 35.1 x 38.7 | 51 x 35.1 x 38.7 |
| Weight - Shipping | 272 | 282 | 304 | 285 | 312 |
| Weight - Net | 235 | 245 | 267 | 248 | 275 |
| Start Components | NO | NO | NO | NO | NO |
| Sound Enclosure | YES | YES | NO | YES | NO |
| Compressor Sump Heat | NO | NO | NO | NO | NO |
| Optional Accessories: ④ | | | | | |
| Anti-short Cycle Timer | TAYASCT501A | TAYASCT501A | TAYASCT501A | TAYASCT501A | TAYASCT501A |
| Evaporator Defrost Control A/C | AY28X079 | AY28X079 | AY28X079 | AY28X079 | AY28X079 |
| Rubber Isolator Kit | BAYISLT101 | BAYISLT101 | BAYISLT101 | BAYISLT101 | BAYISLT101 |
| Crank Case Heater Kit | BAYCCHT301 | BAYCCHT301 | BAYCCHT301 | BAYCCHT301 | BAYCCHT301 |
| Hard Start Kit Scroll | BAYKSKT260 | BAYKSKT260 | BAYKSKT260 | BAYKSKT263 | BAYKSKT263 |
| Extreme Condition Mounting Kit | BAYECMT004 | BAYECMT004 | BAYECMT004 | BAYECMT004 | BAYECMT004 |
| Snow Leg - Base & Cap 4" High | BAYLEGS002 | BAYLEGS002 | BAYLEGS002 | BAYLEGS002 | BAYLEGS002 |
| Snow Leg - 4" Extension | BAYLEGS003 | BAYLEGS003 | BAYLEGS003 | BAYLEGS003 | BAYLEGS003 |
| Seacoast Kit | BAYSEAC001 | BAYSEAC001 | BAYSEAC001 | BAYSEAC001 | BAYSEAC001 |
| Refrigerant Lineset ⑤ | TAYREFLN3* | TAYREFLN3* | TAYREFLN3* | TAYREFLN3* | TAYREFLN*4 |

① Certified in accordance with the Air-Source Unitary Heat Pump Equipment certification program which is based on AHRI Standard 210/240.

② Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.

③ Standard line lengths - 60'. Standard lift - 60' Suction and Liquid line. For 061 units, Max. linear length 60 ft.; Max. lift - Suction 25 ft.; Max lift - Liquid 25 ft.

For Greater lengths and lifts refer to refrigerant piping software Pub# 32-3312-0*. (*denotes latest revision)

④ For accessory description and usage, see page 5.

⑤ * = 15, 20, 25, 30, 40 and 50 foot lineset available.



General Data

Accessory Description and Usage

Anti-Short Cycle Timer — Solid state timing device that prevents compressor recycling until 5 minutes have elapsed after satisfying call or power interruptions. Use in area with questionable power delivery, commercial applications, long lineset, etc.

Evaporator Defrost Control — SPST Temperature actuated switch that cycles the condenser off as indoor coil reaches freeze-up conditions. Used for low ambient cooling to 30°F with TXV.

Rubber Isolators — 5 large rubber donuts to isolate condensing unit from transmitting energy into mounting frame or pad. Use on any application where sound transmission needs to be minimized.

Hard Start kit — Start capacitor and relay to assist compressor motor startup. Use in areas with marginal power supply, on long linesets, low ambient conditions, etc.

Extreme Condition Mount Kit — Bracket kits to securely mount condensing unit to a frame or pad without removing any panels. Use in areas with high winds, or on commercial roof tops, etc.

AHRI Standard Capacity Rating Conditions

AHRI STANDARD 210/240 RATING CONDITIONS —
(A) Cooling 80°F DB, 67°F WB air entering indoor coil,
95°F DB air entering outdoor coil.

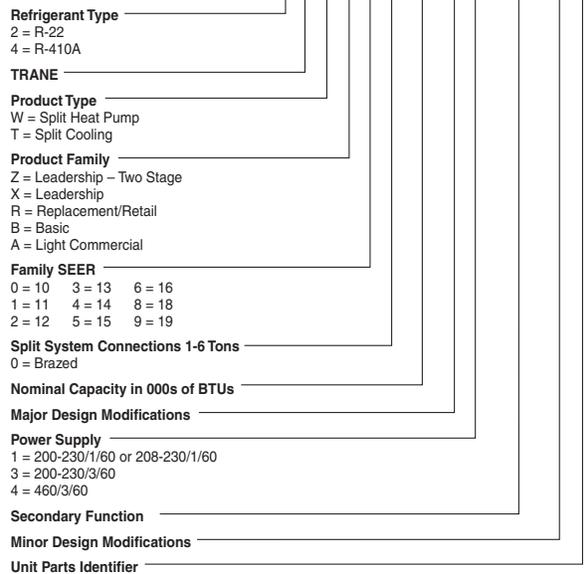
AHRI STANDARD 270 RATING CONDITIONS — (Noise rating numbers are determined with the unit in cooling operation.) Standard Noise Rating number is at 95°F outdoor air.



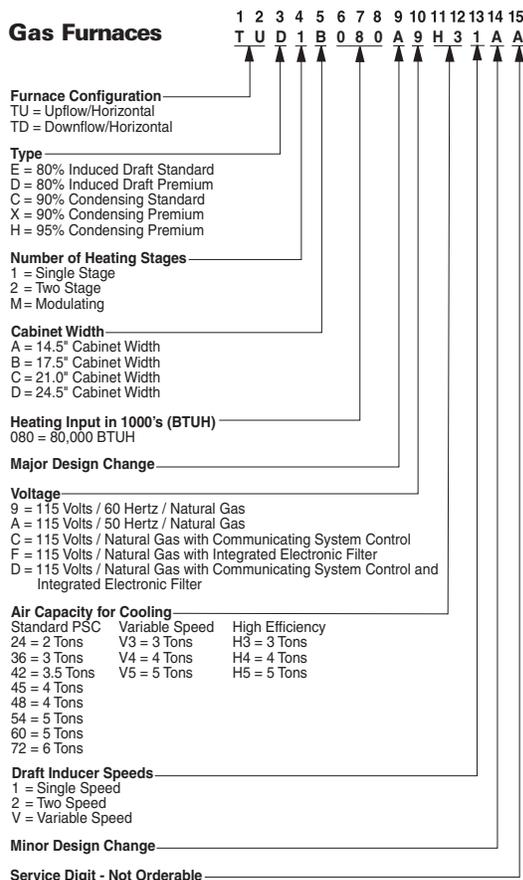


Model Nomenclature

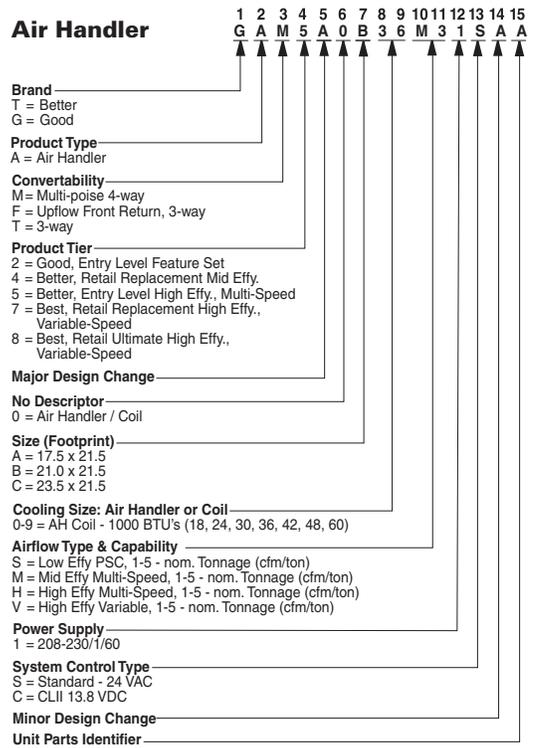
Outdoor Units



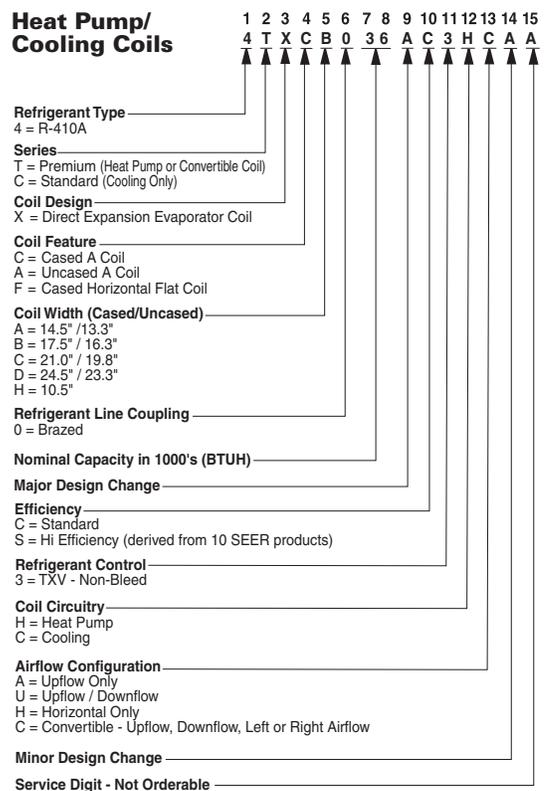
Gas Furnaces



Air Handler



Heat Pump/ Cooling Coils

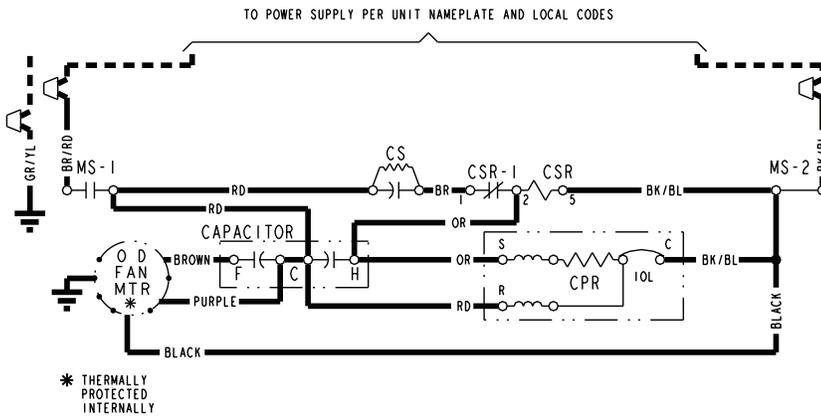




Electrical Data

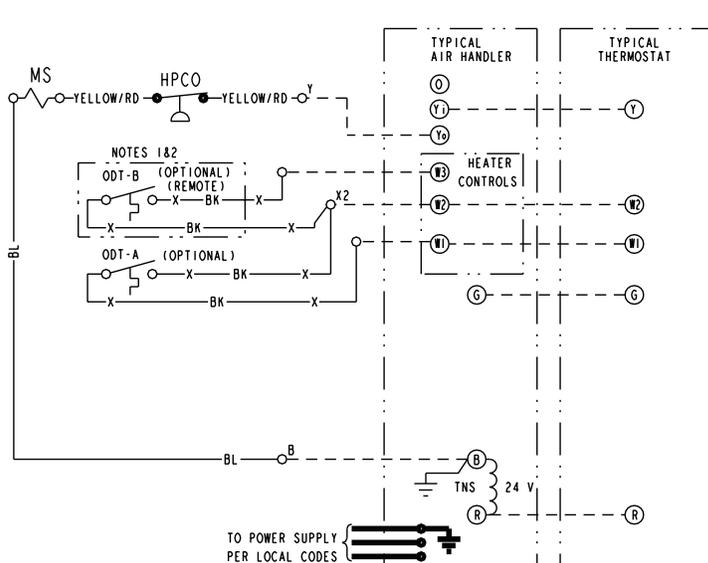
Schematic Diagrams

4TTR6018B, 4TTR6024B, 4TTR6030B



| | | | |
|------|-----------------------------|------|----------------------------|
| CA | COOLING ANTICIPATOR | LPCO | LOW PRESSURE CUTOFF SW. |
| CBS | COIL BOTTOM SENSOR | MS | COMPRESSOR MOTOR CONTACTOR |
| CF | FAN CAPACITOR | ODA | OUTDOOR ANTICIPATOR |
| CN | WIRE CONNECTOR | OFT | OUTDOOR FAN THERMOSTAT |
| CPR | COMPRESSOR RUN CAPACITOR | ODS | OUTDOOR TEMPERATURE SENSOR |
| CR | STARTING CAPACITOR | ODT | OUTDOOR THERMOSTAT |
| CS | CAPACITOR SWITCHING RELAY | RHS | RESISTANCE HEAT SWITCH |
| CSR | DEFROST CONTROL | SC | SWITCHOVER VALVE SOLENOID |
| DFC | INDOOR FAN RELAY | SM | SYSTEM "ON-OFF" SWITCH |
| F | HEATING ANTICIPATOR | TDL | DISCHARGE LINE THERMOSTAT |
| HA | HIGH PRESSURE CUTOFF SW. | TNS | TRANSFORMER |
| HPCO | INTERNAL OVERLOAD PROTECTOR | TS | HEATING-COOLING THERMOSTAT |
| IOL | | TSH | HEATING THERMOSTAT |

| | |
|---|--|
| <p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p> | <p>⚠ CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p> |
|---|--|



COLOR OF WIRE

BK/BL BLACK WIRE WITH BLUE MARKER

COLOR OF MARKER

| | | | | | |
|----|-------|----|--------|----|--------|
| BK | BLACK | OR | ORANGE | YL | YELLOW |
| BL | BLUE | RD | RED | GR | GREEN |
| BR | BROWN | WH | WHITE | PR | PURPLE |

NOTES:

- IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER.
IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
- IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
- LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

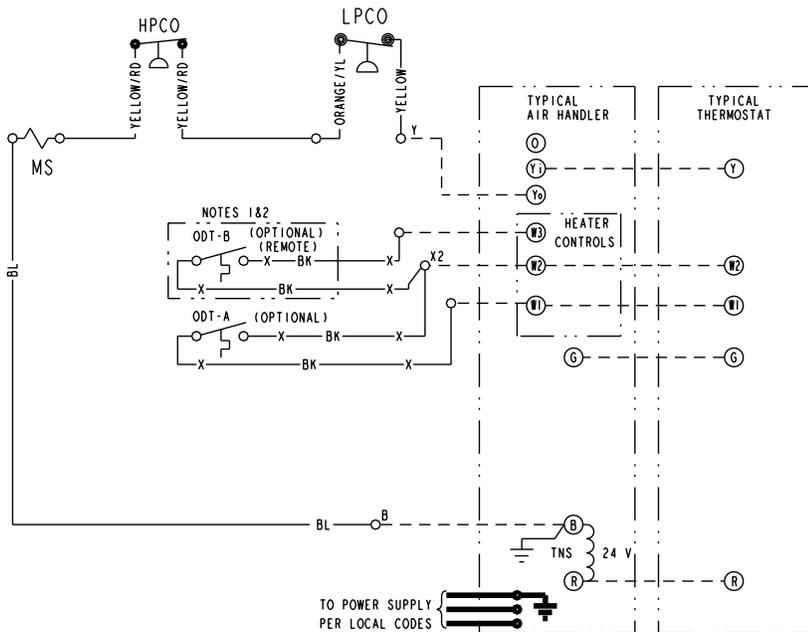
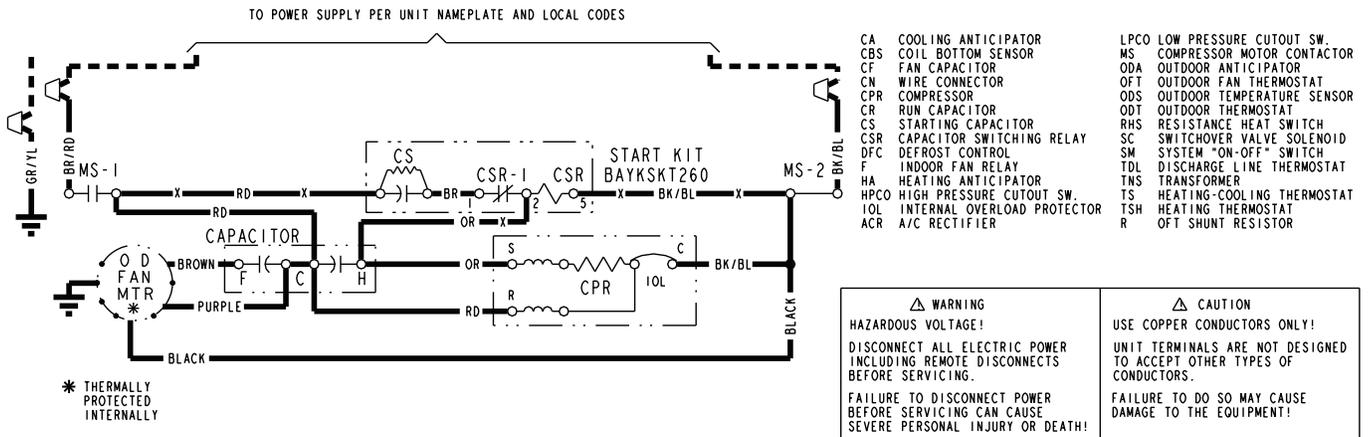
FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES

CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.

Electrical Data

Schematic Diagrams

4TTR6036B, 4TTR6042B



COLOR OF WIRE

BK/BL BLACK WIRE WITH BLUE MARKER

COLOR OF MARKER

| | | | | | |
|----|-------|----|--------|----|--------|
| BK | BLACK | OR | ORANGE | YL | YELLOW |
| BL | BLUE | RD | RED | GR | GREEN |
| BR | BROWN | WH | WHITE | PR | PURPLE |

NOTES:

- IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER.
IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
- IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
- LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES

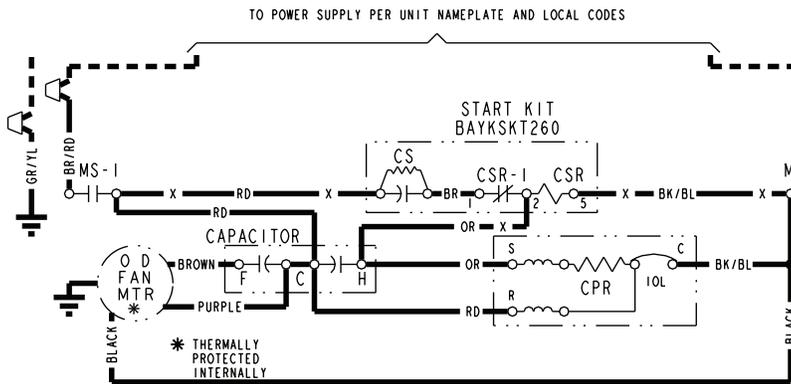
**CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.**



Electrical Data

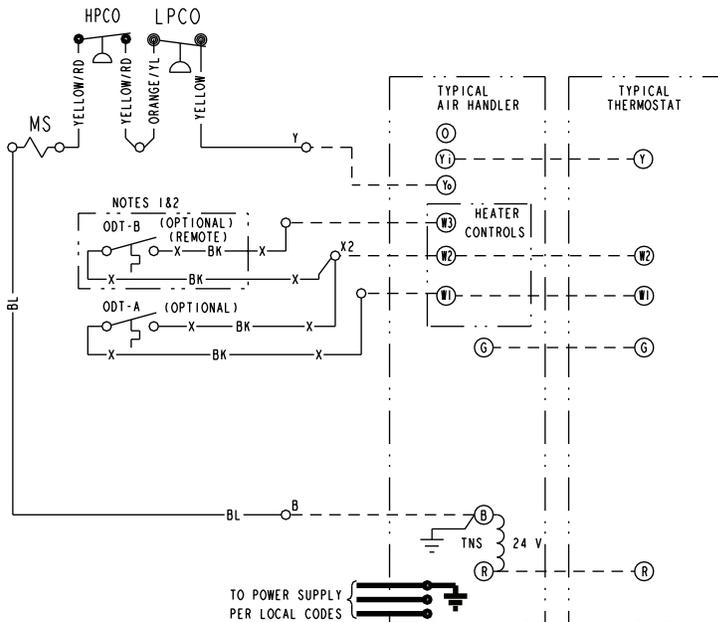
Schematic Diagrams

4TTR6048B, 4TTR6049B



| | | | |
|------|-----------------------------|------|----------------------------|
| CA | COOLING ANTICIPATOR | LPCO | LOW PRESSURE CUTOFF SW. |
| CBS | COIL BOTTOM SENSOR | MS | COMPRESSOR MOTOR CONTACTOR |
| CF | FAN CAPACITOR | ODA | OUTDOOR ANTICIPATOR |
| CN | WIRE CONNECTOR | OFT | OUTDOOR FAN THERMOSTAT |
| CPR | COMPRESSOR RUN CAPACITOR | ODS | OUTDOOR TEMPERATURE SENSOR |
| CR | RUN CAPACITOR | ODT | OUTDOOR THERMOSTAT |
| CS | STARTING CAPACITOR | RHS | RESISTANCE HEAT SWITCH |
| CSR | CAPACITOR SWITCHING RELAY | SC | SWITCHOVER VALVE SOLENOID |
| DFC | DEFROST CONTROL | SM | SYSTEM "ON-OFF" SWITCH |
| F | INDOOR FAN RELAY | TDL | DISCHARGE LINE THERMOSTAT |
| HA | HEATING ANTICIPATOR | TNS | TRANSFORMER |
| HPCO | HIGH PRESSURE CUTOFF SW. | TS | HEATING-COOLING THERMOSTAT |
| IOL | INTERNAL OVERLOAD PROTECTOR | TSH | HEATING THERMOSTAT |

| | |
|---|--|
| <p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p> | <p>⚠ CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p> |
|---|--|



COLOR OF WIRE

BK/BL BLACK WIRE WITH BLUE MARKER

COLOR OF MARKER

| | | | | | |
|----|-------|----|--------|----|--------|
| BK | BLACK | OR | ORANGE | YL | YELLOW |
| BL | BLUE | RD | RED | GR | GREEN |
| BR | BROWN | WH | WHITE | PR | PURPLE |

NOTES:

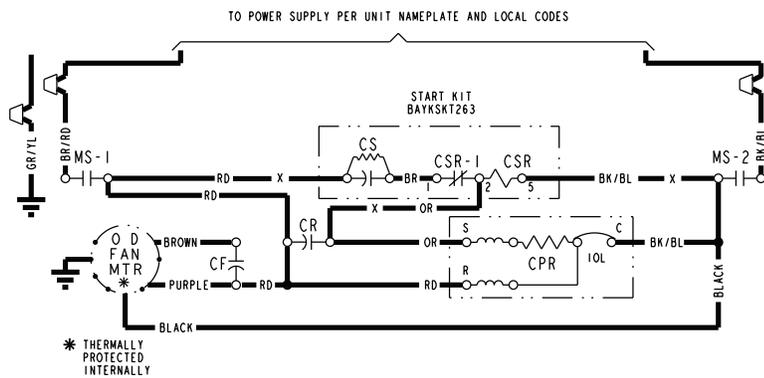
1. IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER.
IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
2. IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
3. LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES
CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.

Electrical Data

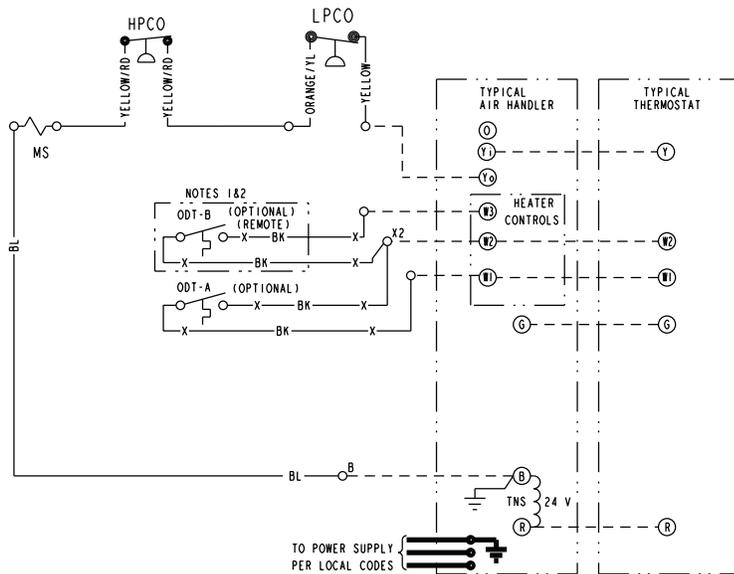
Schematic Diagrams

4TTR6060B



| | | | |
|------|-----------------------------|------|----------------------------|
| CA | COOLING ANTICIPATOR | LPCO | LOW PRESSURE CUTOFF SW. |
| CBS | COIL BOTTOM SENSOR | MS | COMPRESSOR MOTOR CONTACTOR |
| CF | FAN CAPACITOR | ODA | OUTDOOR ANTICIPATOR |
| CN | WIRE CONNECTOR | OFT | OUTDOOR FAN THERMOSTAT |
| CPR | COMPRESSOR | ODS | OUTDOOR TEMPERATURE SENSOR |
| CR | RUN CAPACITOR | ODT | OUTDOOR THERMOSTAT |
| CS | STARTING CAPACITOR | RHS | RESISTANCE HEAT SWITCH |
| CSR | CAPACITOR SWITCHING RELAY | SC | SWITCHOVER VALVE SOLENOID |
| DFC | DEFROST CONTROL | SM | SYSTEM "ON-OFF" SWITCH |
| F | INDOOR FAN RELAY | TDL | DISCHARGE LINE THERMOSTAT |
| HA | HEATING ANTICIPATOR | TNS | TRANSFORMER |
| HPCO | HIGH PRESSURE CUTOFF SW. | TS | HEATING-COOLING THERMOSTAT |
| IOL | INTERNAL OVERLOAD PROTECTOR | TSH | HEATING THERMOSTAT |
| ACR | A/C RECTIFIER | R | OFT SHUNT RESISTOR |

| | |
|---|--|
| <p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p> | <p>⚠ CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p> |
|---|--|



COLOR OF WIRE

BK/BL BLACK WIRE WITH BLUE MARKER

COLOR OF MARKER

| | | | | | |
|----|-------|----|--------|----|--------|
| BK | BLACK | OR | ORANGE | YL | YELLOW |
| BL | BLUE | RD | RED | GR | GREEN |
| BR | BROWN | WH | WHITE | PR | PURPLE |

- NOTES:
- IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER.
IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
 - IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
 - LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES

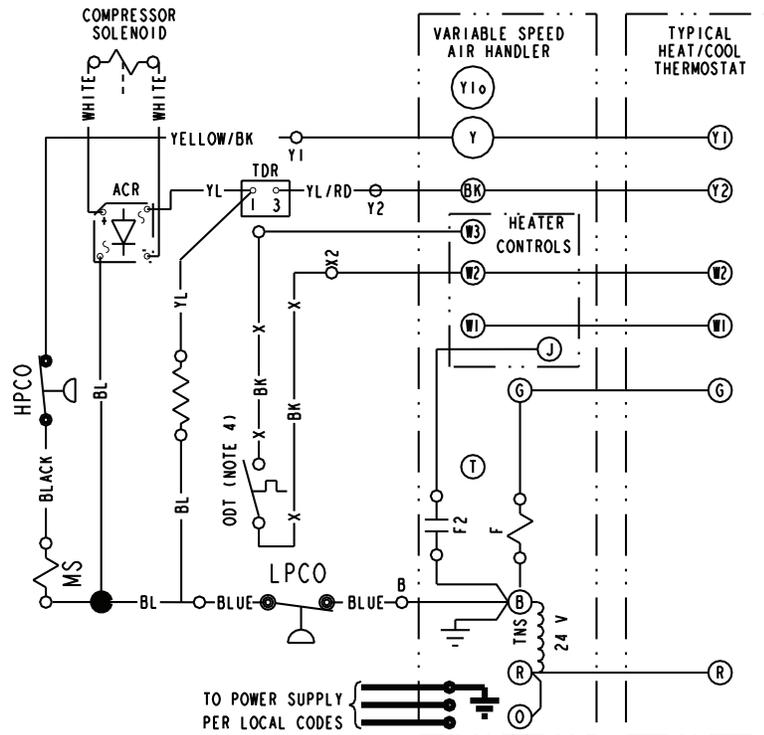
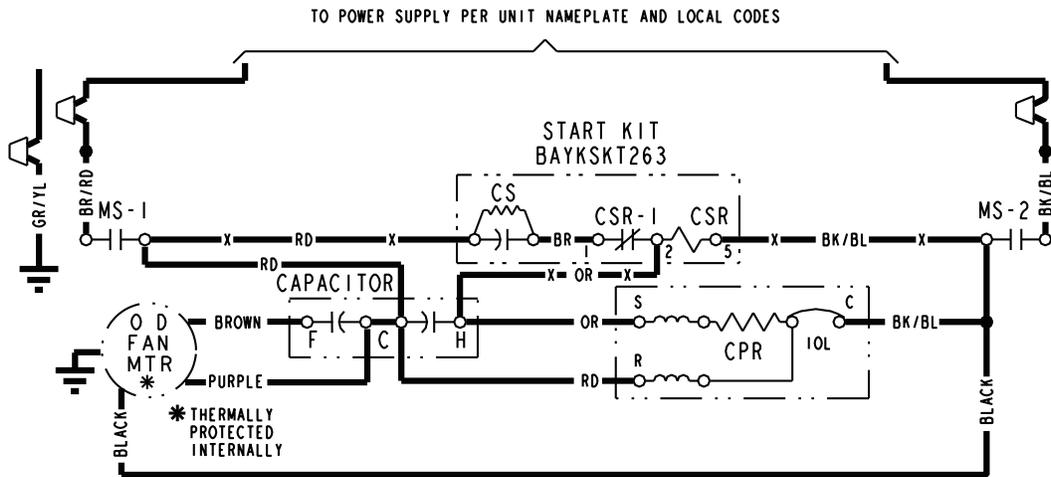
CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND. ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.



Electrical Data

Schematic Diagrams

4TTR6061B



Electrical Data

Schematic Diagrams

4TTR6061B (continued)

| | |
|---------------------------------|---------------------------------------|
| CA COOLING ANTICIPATOR | LPCO LOW PRESSURE CUTOFF SW. |
| CBS COIL BOTTOM SENSOR | MS COMPRESSOR MOTOR CONTACTOR |
| CF FAN CAPACITOR | ODA OUTDOOR ANTICIPATOR |
| CN WIRE CONNECTOR | OFT OUTDOOR FAN THERMOSTAT |
| CPR COMPRESSOR | ODS OUTDOOR TEMPERATURE SENSOR |
| CR RUN CAPACITOR | ODT OUTDOOR THERMOSTAT |
| CS STARTING CAPACITOR | RHS RESISTANCE HEAT SWITCH |
| CSR CAPACITOR SWITCHING RELAY | SC SWITCHOVER VALVE SOLENOID |
| DFC DEFROST CONTROL | SM SYSTEM "ON-OFF" SWITCH |
| F INDOOR FAN RELAY | TDL DISCHARGE LINE THERMOSTAT |
| HA HEATING ANTICIPATOR | TDR TIME DELAY RELAY (5 SEC DELAY ON) |
| HPCO HIGH PRESSURE CUTOFF SW. | TNS TRANSFORMER |
| IOL INTERNAL OVERLOAD PROTECTOR | TS HEATING-COOLING THERMOSTAT |
| ACR A/C RECTIFIER | TSH HEATING THERMOSTAT |

NOTES:

1. BE SURE POWER SUPPLY AGREES WITH EQUIPMENT NAMEPLATE.
2. POWER WIRING AND GROUNDING OF EQUIPMENT MUST COMPLY WITH LOCAL CODES.
3. LOW VOLTAGE WIRING TO BE NO. 18 AWG MINIMUM CONDUCTOR.
4. IF OUTDOOR THERMOSTAT (ODT) IS NOT USED, CONNECT W2 TO W3.
5. BE SURE THE JUMPER BETWEEN R AND BK IS CUT OR REMOVED.
6. WITH O AND Y/Y2 ENERGIZED, INDOOR FAN IS AT 80% AIRFLOW.
7. WITH O, Y/Y2 AND BK ENERGIZED, INDOOR FAN IS AT 100% AIRFLOW.

| | |
|---|--|
| <p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p> | <p>⚠ CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p> |
|---|--|

| | | | |
|-------------------|-----------------------------|----|--------|
| — COLOR OF WIRE | | | |
| BK/BL | BLACK WIRE WITH BLUE MARKER | | |
| ⚡ COLOR OF MARKER | | | |
| BK | BLACK | OR | ORANGE |
| YL | YELLOW | | |
| BL | BLUE | RD | RED |
| GR | GREEN | | |
| BR | BROWN | WH | WHITE |
| PR | PURPLE | | |

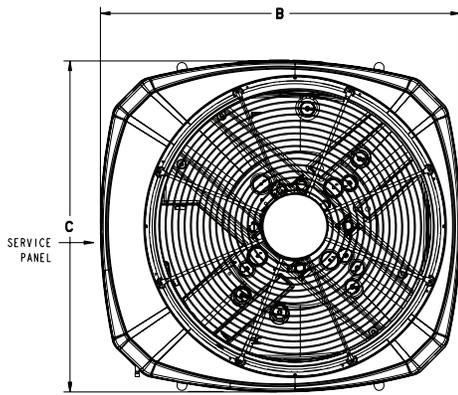
FOR CANADIAN INSTALLATIONS POUR INSTALLATIONS CANADIENNES

CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.

Dimensions

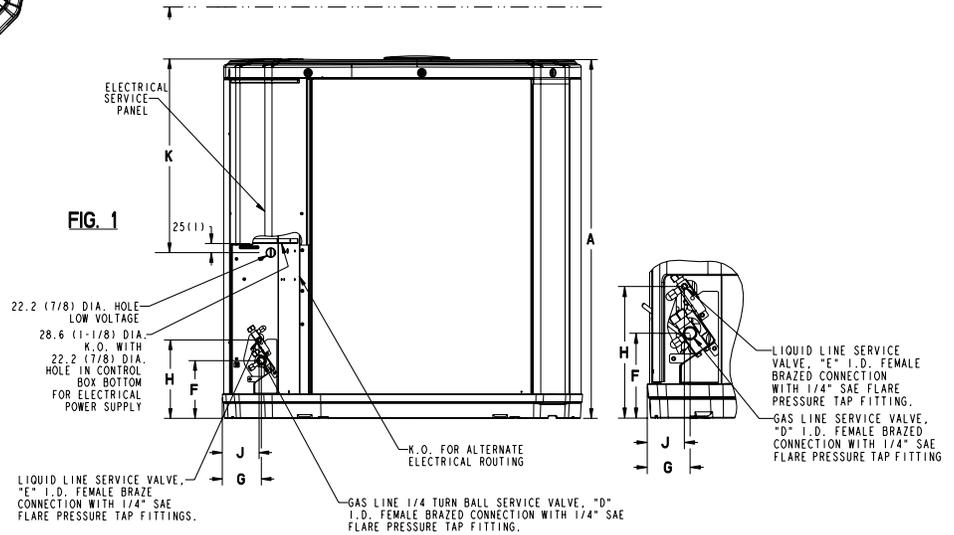
4TTR6 Outline Drawing

Note: All dimensions are in MM (Inches).



TOP DISCHARGE AREA SHOULD BE UNRESTRICTED FOR AT LEAST 1524 (5 FEET) ABOVE UNIT. UNIT SHOULD BE PLACED SO ROOF RUN-OFF WATER DOES NOT POUR DIRECTLY ON UNIT, AND SHOULD BE AT LEAST 305 (12") FROM WALL AND ALL SURROUNDING SHRUBBERY ON TWO SIDES. OTHER TWO SIDES UNRESTRICTED.

ELECTRICAL AND REFRIGERANT COMPONENT CLEARANCES PER PREVAILING CODES.



| MODELS | BASE | A | B | C | D | E | F | G | H | J | K |
|-----------|------|---------------|--------------|--------------|-------|-----|---------|------------|-------------|------------|----------|
| 4TTR6018B | 3 | 730 (28-3/4) | 829 (32-5/8) | 756 (29-3/4) | 5/8 | 3/8 | 127 (5) | 76 (3) | 197 (7-3/4) | 57 (2-1/4) | 508 (20) |
| 4TTR6024B | 3 | 730 (28-3/4) | 829 (32-5/8) | 756 (29-3/4) | 3/4 | 3/8 | 127 (5) | 76 (3) | 197 (7-3/4) | 57 (2-1/4) | 508 (20) |
| 4TTR6030B | 4 | 841 (33-1/8) | 946 (37-1/4) | 870 (34-1/4) | 3/4 | 3/8 | 152 (6) | 98 (3-7/8) | 219 (8-5/8) | 86 (3-3/8) | 508 (20) |
| 4TTR6036B | 4 | 943 (37-1/8) | 946 (37-1/4) | 870 (34-1/4) | 3/4 | 3/8 | 152 (6) | 98 (3-7/8) | 219 (8-5/8) | 86 (3-3/8) | 508 (20) |
| 4TTR6042B | 4 | 1045 (41 1/8) | 946 (37-1/4) | 870 (34-1/4) | 7/8 | 3/8 | 152 (6) | 98 (3-7/8) | 219 (8-5/8) | 86 (3-3/8) | 508 (20) |
| 4TTR6048B | 4 | 1147 (45 1/8) | 946 (37-1/4) | 870 (34-1/4) | 7/8 | 3/8 | 152 (6) | 98 (3-7/8) | 219 (8-5/8) | 86 (3-3/8) | 508 (20) |
| 4TTR6049B | 4 | 1147 (45 1/8) | 946 (37-1/4) | 870 (34-1/4) | 7/8 | 3/8 | 152 (6) | 98 (3-7/8) | 219 (8-5/8) | 86 (3-3/8) | 508 (20) |
| 4TTR6060B | 4 | 1147 (45 1/8) | 946 (37-1/4) | 870 (34-1/4) | 7/8 | 3/8 | 152 (6) | 98 (3-7/8) | 219 (8-5/8) | 86 (3-3/8) | 508 (20) |
| 4TTR6061B | 4 | 1147 (45 1/8) | 946 (37-1/4) | 870 (34-1/4) | 1-1/8 | 3/8 | 152 (6) | 98 (3-7/8) | 219 (8-5/8) | 86 (3-3/8) | 508 (20) |

Mechanical Specification Options

General

The 4TTR6 is fully charged from the factory for 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 AHRI certified. The unit is certified to UL 1995. Exterior is designed for outdoor application.

Casing

Unit casing is constructed of heavy gauge, G90 galvanized steel and painted with a weather-resistant powder paint on all louvers, panels, prepaint on all other panels. Corrosion and weather-proof 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. A factory installed liquid line drier is standard.

Compressor

The Climatuff® compressor features internal over temperature and pressure protection and total dipped hermetic motor. Other features include: centrifugal oil pump and low vibration and noise.

Condenser Coil

The outdoor coil provides low airflow resistance and efficient heat transfer. The coil is protected on all four sides by louvered panels.

Low Ambient Cooling

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

Accessories

Thermostats — Cooling only and heat/cooling (manual and automatic change-over). Sub-base to match thermostat and locking thermostat cover.



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