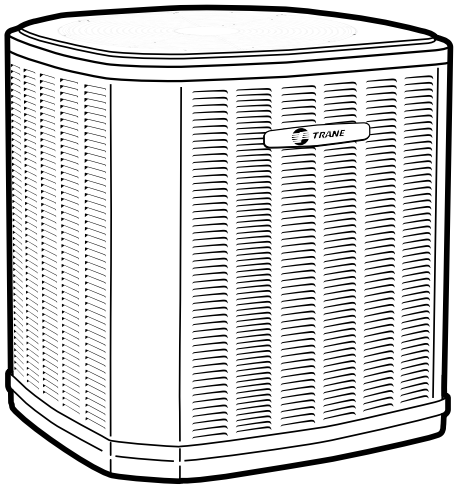
# Product and Submittal Data

## Split System Heat Pump

5TWA4036A3000A
5TWA4042A3000A
5TWA4048A3000A
5TWA4060A3000A
5TWA4036A4000A
5TWA4042A4000A
5TWA4048A4000A
5TWA4060A4000A




***Note:*** *Graphics in this document are for representation only. Actual model may differ in appearance.*

October 2026

**ODR-PSD006B-EN**

# Introduction

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## Revision History

- Updated the Product Specification chapter.
- Updated the Mechanical Specification Options chapter.

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# Product Specifications

**Table 1. Models — 5TWA4036A3000A, 5TWA4042A3000A, 5TWA4048A3000A, and 5TWA4060A3000A**

| **Outdoor Unit** [a] [b] | **5TWA4036A3000A** | **5TWA4042A3000A** | **5TWA4048A3000A** | **5TWA4060A3000A** |
|---|---|---|---|---|
| Power Conns. - V/Ph/Hz [c] | 208/230/3/60 | 208/230/3/60 | 208/230/3/60 | 208/230/3/60 |
| Min. Brch. Cir. Ampacity | 16.6 | 18.1 | 18.1 | 22.8 |
| Br. Cir. Prot. Rtg. - Max. (Amps) | 25 | 30 | 30 | 35 |
| **Compressor** | Climatuff®- Scroll | Climatuff®- Scroll | Climatuff®- Scroll | Climatuff®- Scroll |
| No. Used - No. Stages | 1 - 1 | 1 - 1 | 1 - 1 | 1 - 1 |
| Volts/Ph/Hz | 200/230/3/60 | 200/230/3/60 | 200/230/3/60 | 200/230/3/60 |
| R.L. Amps [d] - L.R. Amps | 12.8 - 97.5 | 12.2 - 102.8 | 12.2 - 120.4 | 16.0 - 156.4 |
| Factory Installed | | | | |
| Start Components [e] | No | No | No | No |
| Insulation/Sound Blanket | No | No | No | No |
| Compressor Heat | Yes | Yes | Yes | Yes |
| **Outdoor Fan** | Propeller | Propeller | Propeller | Propeller |
| Dia. (In.) - No. Used | 27.5 - 1 | 27.5 - 1 | 27.5 - 1 | 27.5 - 1 |
| Type Drive - No. Speeds | Direct - 1 | Direct - 1 | Direct - 1 | Direct - 1 |
| CFM @ 0.0 IN. W.G. [f] | 4230 | 4992 | 4992 | 4992 |
| No. Motors - hp | 1 - 1/8 | 1 - 1/3 | 1 - 1/3 | 1 - 1/3 |
| Motor Speed R.P.M. | 850 | 850 | 850 | 850 |
| Volts/Ph/Hz | 200/230/1/60 | 208/230/1/60 | 208/230/1/60 | 208/230/1/60 |
| F.L. Amps | 0.64 | 2.80 | 2.80 | 2.80 |
| **Outdoor Coil - Type** | Spine Fin™ | Spine Fin™ | Spine Fin™ | Spine Fin™ |
| Rows - F.P.I. | 1 - 24 | 2 - 24 | 2 - 24 | 2 - 24 |
| Face Area (Sq. ft.) | 24 | 30.8 | 30.8 | 30.8 |
| Tube Size (In.) | 3/8 | 3/8 | 3/8 | 3/8 |
| Refrigerant Control | Expansion Valve | Expansion Valve | Expansion Valve | Expansion Valve |
| **Refrigerant** | | | | |
| LBS. - R-454B (O.D. Unit) [g] | 5 LBS., 10 OZ | 7 LBS., 14 OZ | 8 LBS., 9 OZ | 8 LBS., 6 OZ |
| Factory Supplied | Yes | Yes | Yes | Yes |
| Line Size - In. O.D. Gas [h] [i] | 3/4 | 7/8 | 7/8 | 7/8 |
| Line Size - In. O.D. Liq. | 5/16 | 5/16 | 5/16 | 5/16 |
| **Charging Specifications** | | | | |
| Subcooling | 10°F | 10°F | 10°F | 10°F |
| **Dimensions** | H x W x D | H x W x D | H x W x D | H x W x D |
| Crated (In.) | 38.5 x 35 x 37.9 | 50.5 x 35 x 37.9 | 50.5 x 35 x 37.9 | 50.5 x 35 x 37.9 |
| **Weight** | | | | |
| Shipping (Lbs.) | 256 | 301 | 301 | 301 |

**Table 1. Models — 5TWA4036A3000A, 5TWA4042A3000A, 5TWA4048A3000A, and 5TWA4060A3000A (continued)**

| Outdoor Unit [a] [b] | 5TWA4036A3000A | 5TWA4042A3000A | 5TWA4048A3000A | 5TWA4060A3000A |
|---|---|---|---|---|
| Net (Lbs.) | 222 | 251 | 251 | 251 |
| **Optional Accessories:** | | | | |
| Anti-Short Cycle Timer | TAYASCT501A | TAYASCT501A | TAYASCT501A | TAYASCT501A |
| Evaporator Defrost Control | NA | NA | NA | NA |
| Rubber Isolator Kit | BAYISLT101 | BAYISLT101 | BAYISLT101 | BAYISLT101 |
| Extreme Condition Mount Kit | BAYECMT004 | BAYECMT004 | BAYECMT004 | BAYECMT004 |
| Sound Enclosure | BAYSDEN003 | BAYSDEN004 | BAYSDEN004 | BAYSDEN004 |
| Seacoast Kit | BAYSEAC001 | BAYSEAC001 | BAYSEAC001 | BAYSEAC001 |
| Low Ambient Kit | BAYLOAM107 | — | — | — |
| Service Valve Panel Cover | TAYSVPANL0044AA | TAYSVPANL0046AA | TAYSVPANL0046AA | TAYSVPANL0046AA |
| Refrigerant Lineset[j] | | | | |

[a] Certified in accordance with the Air-Source Unitary Air-conditioner Equipment certification program, which is based on AHRI standard 210/240.
[b] Rated in accordance with AHRI standard 270.
[c] Calculated in accordance with Natl. Elec. Codes. Use only HACR circuit breakers or fuses.
[d] This value shown for compressor RLA on the unit nameplate and on this specification sheet is used to compute minimum branch circuit ampacity and max. fuse size. The value shown is the branch circuit selection current.
[e] No means no start components. Yes means quick start kit components. PTC means positive temperature coefficient starter. Optional kit shown.
[f] Standard Air - Dry Coil - Outdoor
[g] This value approximate. For more precise value see unit nameplate.
[h] Reference the outdoor unit ship-with literature for refrigerant piping length and lift guidelines. Reference the *refrigerant piping software pub # 32-3312-xx or refrigerant piping application guide* (SS-APG006-xx) for long line sets or specialty applications (xx denotes latest revision).
[i] The outdoor condensing units are factory charged with the system charge required for the outdoor condensing unit, ten (10) feet of tested connecting line, and the smallest rated indoor evaporative coil match. Always verify proper system charge via subcooling (TXV/EEV) or superheat (fixed orifice) per the unit nameplate.
[j] 25, 30, 35 and 50 foot linesets available. For a complete listing of lineset options available from equipment or supply stores, see Trane Residential and Light Commercial Product Handbook.

**Table 2. Models — 5TWA4036A4000A, 5TWA4042A4000A, 5TWA4048A4000A, and 5TWA4060A4000A**

| Outdoor Unit [a] [b] | 5TWA4036A4000A | 5TWA4042A4000A | 5TWA4048A4000A | 5TWA4060A4000A |
|---|---|---|---|---|
| Power Conns. - V/Ph/Hz [c] | 460/3/60 | 460/3/60 | 460/3/60 | 460/3/60 |
| Min. Brch. Cir. Ampacity | 6.8 | 8.6 | 9.4 | 11 |
| Br. Cir. Prot. Rtg. - Max. (Amps) | 15 | 15 | 15 | 15 |
| **Compressor** | Climatuff®- Scroll | Climatuff®- Scroll | Climatuff®- Scroll | Climatuff®- Scroll |
| No. Used - No. Stages | 1 - 1 | 1 - 1 | 1 - 1 | 1 - 1 |
| Volts/Ph/Hz | 460/3/60 | 460/3/60 | 460/3/60 | 460/3/60 |
| R.L. Amps [d] - L.R. Amps | 5.1 - 44.3 | 5.8 - 50.0 | 6.4 - 50.0 | 7.7 - 69.0 |
| Factory Installed | | | | |
| Start Components [e] | No | No | No | No |
| Insulation/Sound Blanket | No | No | No | No |
| Compressor Heat | Yes | Yes | Yes | Yes |
| **Outdoor Fan** | Propeller | Propeller | Propeller | Propeller |
| Dia. (In.) - No. Used | 27.5 - 1 | 27.5 - 1 | 27.5 - 1 | 27.5 - 1 |
| Type Drive - No. Speeds | Direct - 1 | Direct - 1 | Direct - 1 | Direct - 1 |
| CFM @ 0.0 In. W.G. [f] | 4230 | 4992 | 4992 | 4992 |
| No. Motors - hp | 1 - 1/8 | 1 - 1/3 | 1 - 1/3 | 1 - 1/3 |
| Motor Speed R.P.M. | 825 | 850 | 850 | 850 |

**Table 2. Models — 5TWA4036A4000A, 5TWA4042A4000A, 5TWA4048A4000A, and 5TWA4060A4000A (continued)**

| Outdoor Unit [a] [b] | 5TWA4036A4000A | 5TWA4042A4000A | 5TWA4048A4000A | 5TWA4060A4000A |
|---|---|---|---|---|
| Volts/Ph/Hz | 460/1/60 | 460/1/60 | 460/1/60 | 460/1/60 |
| F.L. Amps | 0.38 | 1.4 | 1.4 | 1.4 |
| **Outdoor Coil - Type** | Spine Fin™ | Spine Fin™ | Spine Fin™ | Spine Fin™ |
| Rows - F.P.I. | 1 - 24 | 2 - 24 | 2 - 24 | 2 - 24 |
| Face Area (Sq. ft.) | 24 | 30.8 | 30.8 | 30.8 |
| Tube Size (-in.) | 3/8 | 3/8 | 3/8 | 3/8 |
| Refrigerant Control | Expansion Valve | Expansion Valve | Expansion Valve | Expansion Valve |
| **Refrigerant** | | | | |
| Lbs. - R-454B (O.D. Unit) [g] | 5 Lbs., 10 Oz | 7 Lbs., 14 Oz | 8 Lbs., 9 Oz | 8 Lbs., 6 Oz |
| Factory Supplied | Yes | Yes | Yes | Yes |
| Line size - in. O.D. GAS [h] [i] | 3/4 | 7/8 | 7/8 | 7/8 |
| Line size - in. O.D. LIQ. | 5/16 | 5/16 | 5/16 | 5/16 |
| **Charging Specifications** | | | | |
| Subcooling | 10°F | 10°F | 10°F | 10°F |
| **Dimensions** | H x W x D | H x W x D | H x W x D | H x W x D |
| Crated (IN.) | 38.5 x 35 x 37.9 | 50.5 x 35 x 37.9 | 50.5 x 35 x 37.9 | 50.5 x 35 x 37.9 |
| **Weight** | | | | |
| Shipping (LBS.) | 256 | 301 | 301 | 301 |
| Net (LBS.) | 222 | 251 | 251 | 251 |
| **Optional Accessories:** | | | | |
| Anti-Short Cycle Timer | TAYASCT501A | TAYASCT501A | TAYASCT501A | TAYASCT501A |
| Evaporator Defrost Control | NA | NA | NA | NA |
| Rubber Isolator Kit | BAYISLT101 | BAYISLT101 | BAYISLT101 | BAYISLT101 |
| Extreme Condition Mount Kit | BAYECMT004 | BAYECMT004 | BAYECMT004 | BAYECMT004 |
| Sound Enclosure | BAYSDEN003 | BAYSDEN004 | BAYSDEN004 | BAYSDEN004 |
| Crankcase Kit | BAYCCHT302 | BAYCCHT301 | BAYCCHT301 | BAYCCHT301 |
| Start Kit | BAYKSKT263 | BAYKSKT263 | BAYKSKT263 | BAYKSKT263 |
| Seacoast Kit | BAYSEAC001 | BAYSEAC001 | BAYSEAC001 | BAYSEAC001 |
| Low Ambient Kit | BAYLOAM107 | — | — | — |
| Service Valve Panel Cover | TAYSVPANL3343AA | TAYSVPANL0046AA | TAYSVPANL0046AA | TAYSVPANL0046AA |
| Refrigerant Lineset [j] | | | | |

[a] Certified in accordance with the Air-Source Unitary Air-conditioner Equipment certification program, which is based on AHRI standard 210/240.
[b] Rated in accordance with AHRI standard 270.
[c] Calculated in accordance with Natl. Elec. Codes. Use only HACR circuit breakers or fuses.
[d] This value shown for compressor RLA on the unit nameplate and on this specification sheet is used to compute minimum branch circuit ampacity and max. fuse size. The value shown is the branch circuit selection current.
[e] No means no start components. Yes means quick start kit components. PTC means positive temperature coefficient starter. Optional kit shown.
[f] Standard Air - Dry Coil - Outdoor
[g] This Value Approximate. For More Precise Value See Unit Nameplate.
[h] Reference the outdoor unit ship-with literature for refrigerant piping length and lift guidelines. Reference the *refrigerant piping software pub # 32-3312-xx or refrigerant piping application guide* (SS-APG006-xx) for long line sets or specialty applications (xx denotes latest revision).
[i] The outdoor condensing units are factory charged with the system charge required for the outdoor condensing unit, ten (10) feet of tested connecting line, and the smallest rated indoor evaporative coil match. Always verify proper system charge via subcooling (TXV/EEV) or superheat (fixed orifice) per the unit nameplate.
[j] 25, 30, 35 and 50 foot linesets available. For a complete listing of lineset options available from equipment or supply stores, see Trane Residential and Light Commercial Product Handbook.

# Sound Power Level

**Table 3. Models — 5TWA4036A3, 5TWA4042A3, 5TWA4048A3, 5TWA4060A3, 5TWA4036A4, 5TWA4042A4, 5TWA4048A4, and 5TWA4060A4**

| 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 |
| 5TWA4036A3 | 76 | 78 | 75 | 77 | 75 | 70 | 64 | 61 | 56 |
| 5TWA4042A3 | 74 | 72 | 72 | 71 | 69 | 70 | 62 | 57 | 52 |
| 5TWA4048A3 | 74 | 72 | 72 | 71 | 69 | 70 | 62 | 57 | 52 |
| 5TWA4060A3 | 76 | 78 | 75 | 77 | 75 | 70 | 64 | 61 | 56 |
| 5TWA4036A4 | 76 | 78 | 75 | 77 | 75 | 70 | 64 | 61 | 56 |
| 5TWA4042A4 | 74 | 72 | 72 | 71 | 69 | 70 | 62 | 57 | 52 |
| 5TWA4048A4 | 74 | 72 | 72 | 71 | 69 | 70 | 62 | 57 | 52 |
| 5TWA4060A4 | 76 | 78 | 75 | 77 | 75 | 70 | 64 | 61 | 56 |

***Note:*** *Rated in accordance with AHRI Standard 270–2008 *For reference only.*

# Accessory Description and Usage

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

**Evaporation 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** — Five (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.

**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**

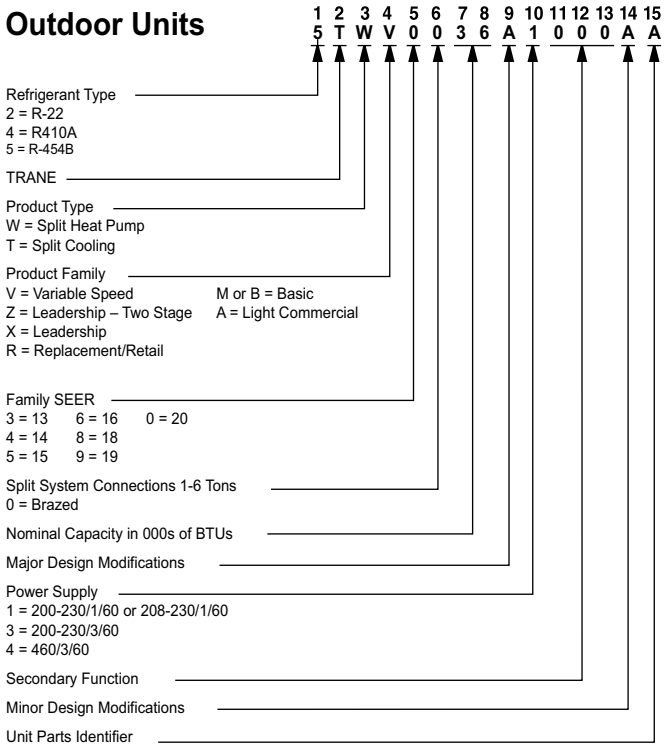
AHRI Standard 210/240 Rating Conditions

1. Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil.
2. High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil.
3. Low Temperature Heating 17°F DB air entering outdoor coil.
4. Rated indoor airflow for heating is the same as for cooling.

**AHRI Standard 270 Rating Conditions** — (Noise rating numbers are determined with the unit in cooling operations.) Standard Noise Rating number is at 95°F outdoor air.

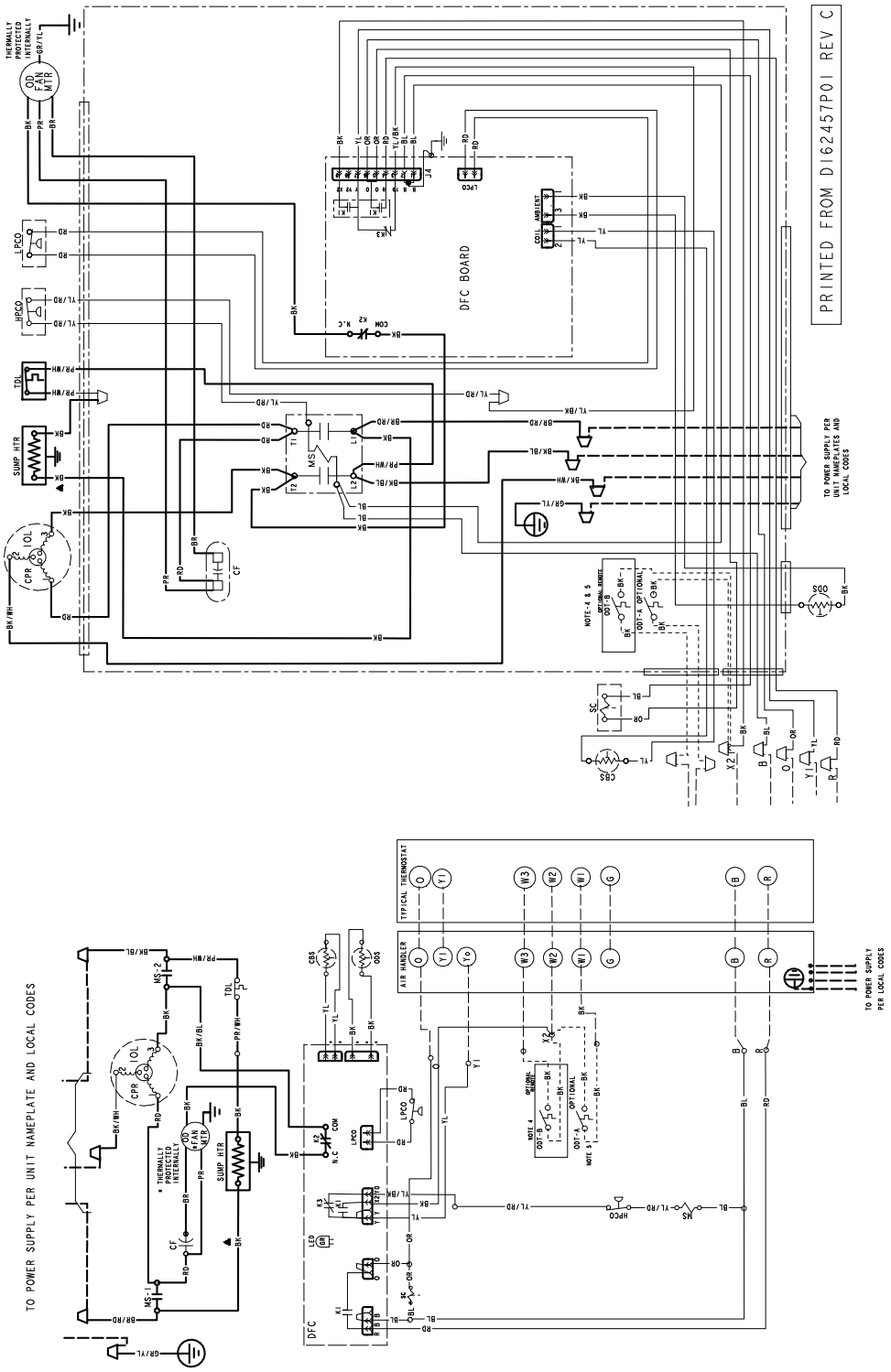
# Model Nomenclature

## Outdoor Units



# Wiring Diagram

**Figure 1. 036A3 models**



# Wiring Diagram

**Figure 2. 042A3, 048A3, and 060A3 models**

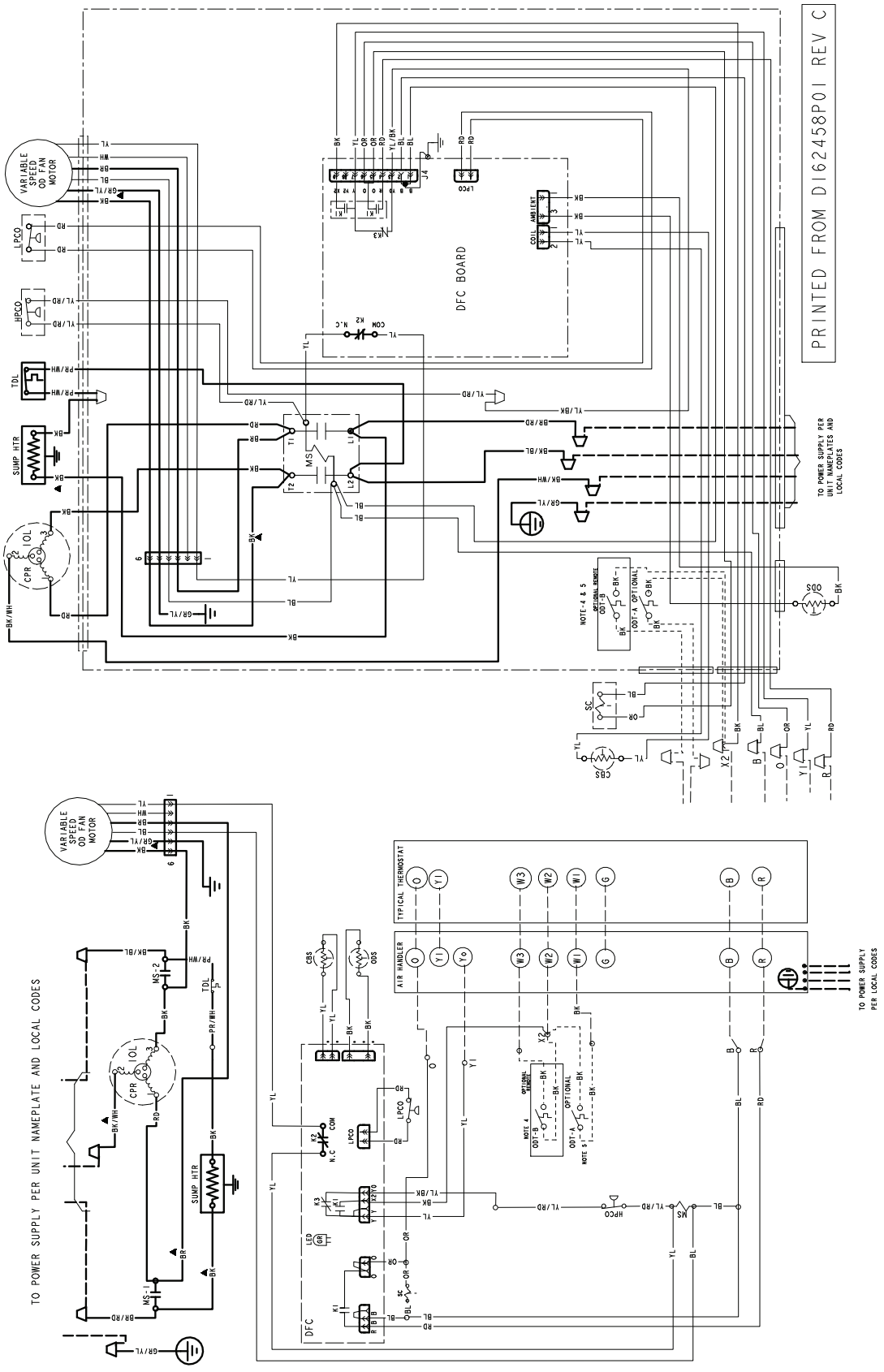
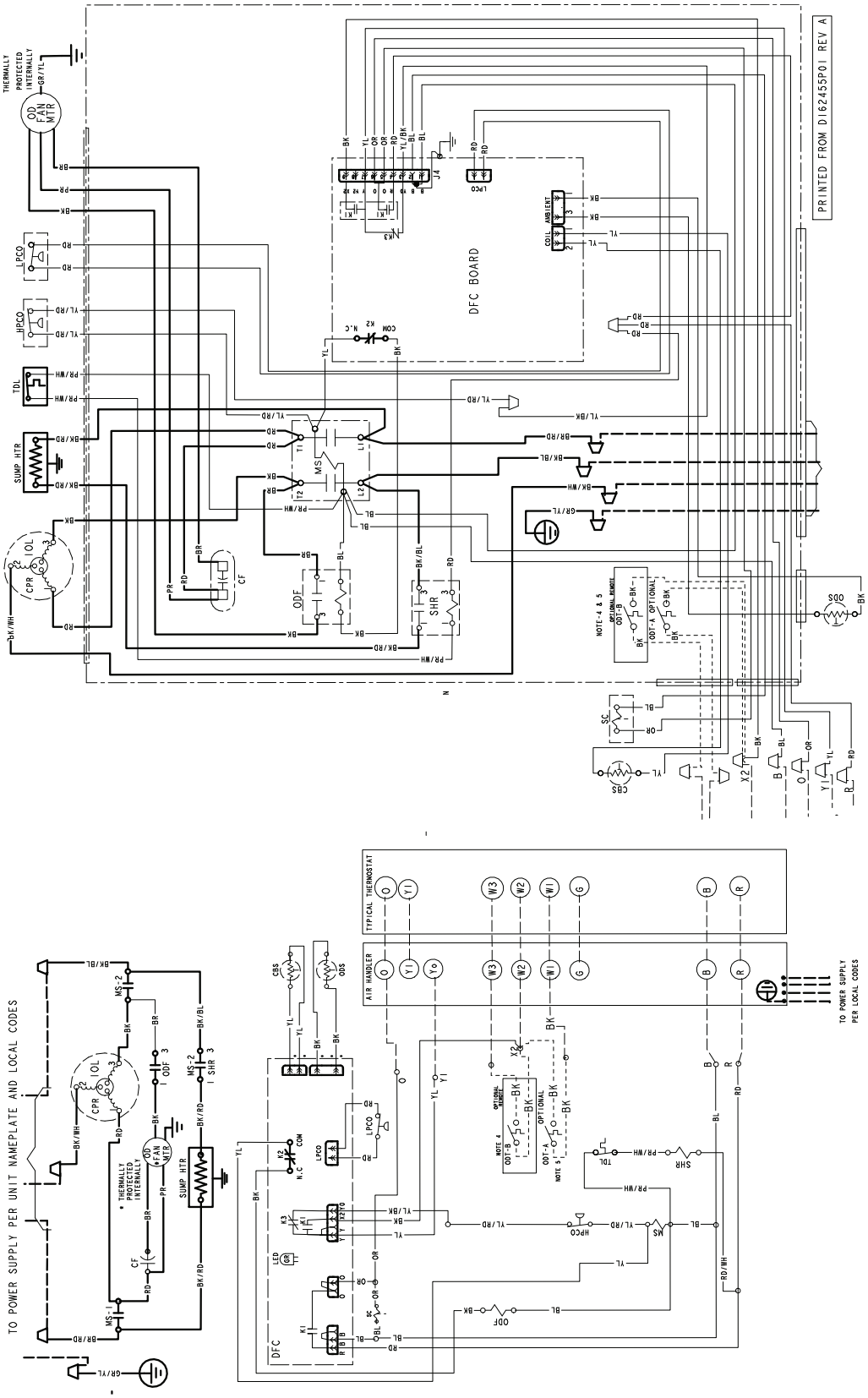


**Figure 3. 036A4 models**



# Wiring Diagram

**Figure 4. 042A4, 048A4, and 060A4 models**

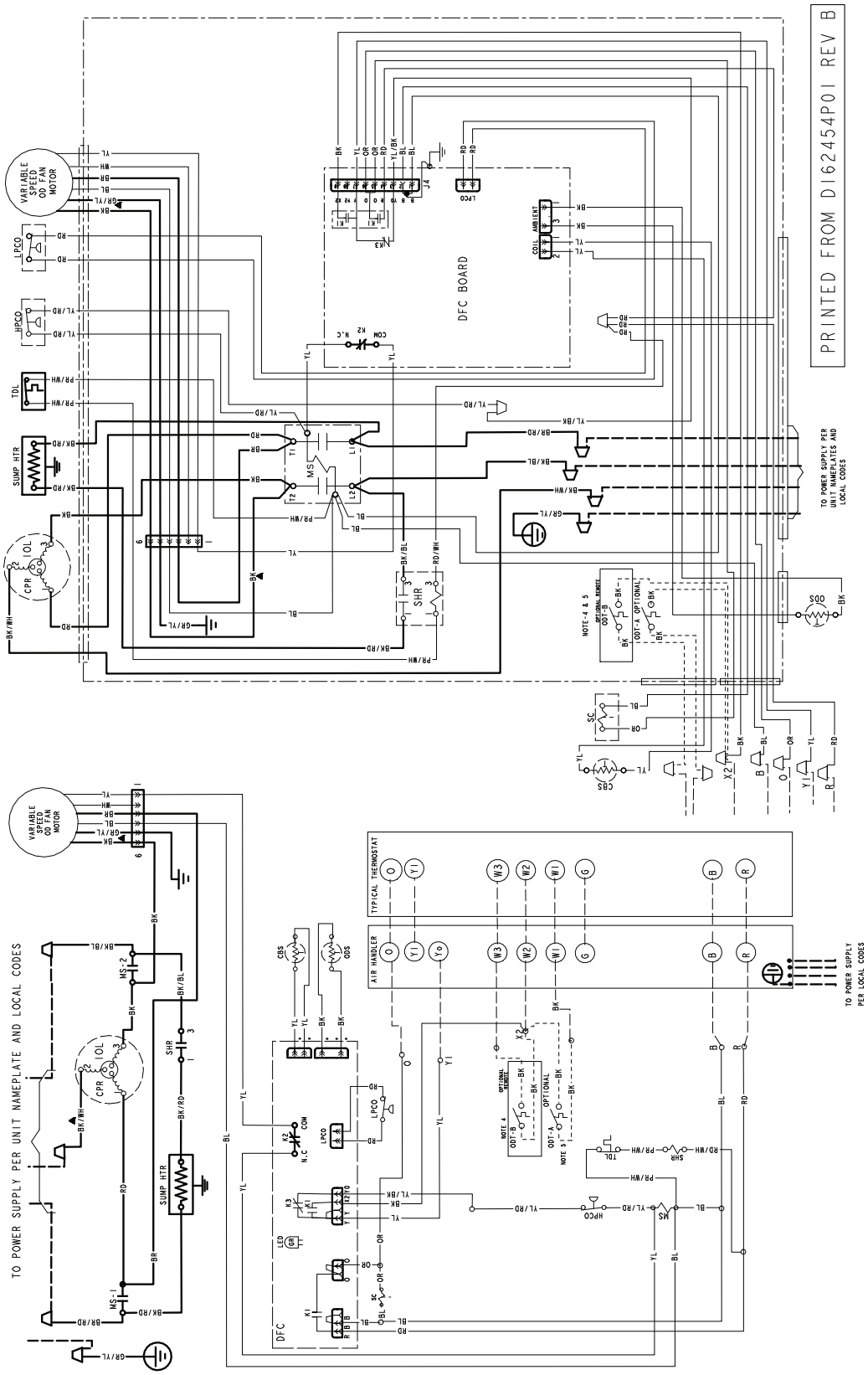


**Figure 5. Legend and warnings**

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. ODT-B MUST BE SET LOWER THAN ODT-A, IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 AND W3 AT AIR HANDLER, IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHERPROOF ENCLOSURE
5. IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 AND W2 AT AIR HANDLER

## LEGEND

- 24 V LINE V } FACTORY WIRING
- 24 V LINE V } FIELD WIRING
- FIELD INSTALLED FACTORY WIRING
- TERMINAL BLOCK/BOA
- RELAY CONTACT (N.C
- RELAY CONTACT (N.C
- THERMISTOR
- MOTOR WINDING
- MAGNETIC COIL
- GROUND
- JUNCTION
- CAPACITOR
- WIRE NUT OR
- TERMINAL
- FUSE

COLOR OF WIRE
BK/BL
COLOR OF MARKER

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

- TRANSFORMER
- INTERNAL OVERLOAD PROTECTION
- PRESSURE ACTUATED SWITCH
- RESISTER OR HEATING ELEMENT
- POL.PLUG FEMALE HOUSING (MALE TERMINALS)
- POL. PLUG MALE HOUSING (FEMALE TERMINALS)
- SINGLE INLINE CONNECTOR

| | |
|---|---|
| HPCO | HIGH PRESSURE CUTOUT SWITCH |
| IOL | INTERNAL OVERLOAD PROTECTOR |
| LPCO | LOW PRESSURE CUTOUT SWITCH |
| MS | COMPRESSOR MOTOR CONTACTOR |
| ODA | OUTDOOR ANTICIPATOR |

| | |
|---|---|
| ACR | A/C RECTIFIER |
| CBS | COIL BOTTOM SENSOR |
| CF | FAN CAPACITOR |
| CN | WIRE CONNECTOR |
| CPR | COMPRESSOR |
| CR | RUN CAPACITOR |
| CS | STARTING CAPACITOR |
| CSR | CAPACITOR SWITCHING RELAY |
| DFC | DEFROST CONTROL |
| EEV | ELECTRONIC EXP VALVE |
| EEVC | ELECTRONIC EXP VALVE CONTROL |
| F | INDOOR FAN RELAY |
| OFT | OUTDOOR FAN THERMOSTAT |
| ODS | OUTDOOR TEMPERATURE SENSOR |
| ODT | OUTDOOR THERMOSTAT |
| P-TRD | PRESSURE TRANSDUCER |
| SC | SWITCH OVER VALVE SOLENOID |
| SHR | SUMP HEATER RELAY |
| SM | SYSTEM ON-OFF SWITCH |
| TDL | DISCHARGE LINE THERMOSTAT |
| TNS | TRANSFORMER |
| TEMP | SENSOR, TEMPERATURE |
| Y2C | HIGH CAPACITY CONTROL RELAY |

**R-454B REFRIGERANT CHARGING CHART**

| LIQUID TEMP (°F) | DESIGN SUBCOOLING (°F) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | LIQUID GAGE PRESSURE (PSI) | | | | | | |
| 55 | 170 | 172 | 175 | 178 | 181 | 184 | 187 |
| 60 | 184 | 187 | 190 | 194 | 197 | 200 | 203 |
| 65 | 200 | 203 | 206 | 210 | 213 | 217 | 220 |
| 70 | 217 | 220 | 223 | 227 | 230 | 234 | 238 |
| 75 | 234 | 238 | 241 | 245 | 249 | 252 | 256 |
| 80 | 252 | 256 | 260 | 264 | 268 | 272 | 276 |
| 85 | 272 | 276 | 280 | 284 | 288 | 292 | 297 |
| 90 | 292 | 297 | 301 | 305 | 309 | 314 | 318 |
| 95 | 314 | 318 | 323 | 327 | 332 | 336 | 341 |
| 100 | 336 | 341 | 346 | 351 | 355 | 360 | 365 |
| 105 | 360 | 365 | 370 | 375 | 380 | 385 | 390 |
| 110 | 385 | 390 | 396 | 401 | 406 | 412 | 417 |
| 115 | 412 | 417 | 422 | 428 | 433 | 439 | 445 |
| 120 | 439 | 445 | 450 | 456 | 462 | 468 | 474 |
| 125 | 468 | 474 | 480 | 486 | 492 | 498 | 504 |

**⚠WARNING**

HAZARDOUS VOLTAGE!

DISCONNECT ALL ELECTRICAL POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.

Failure to disconnect power before servicing can cause severe personal injury or death.

**⚠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.

▲NOTE:

MATERIAL: WHITE POLYPROPYLENE SUITABLE FOR USE IN OUTDOOR ENVIRONMENT.

ADHESIVE: PRESSURE SENSTIVE ADHESIVE WITH RELEASE PAPER SUITABLE FOR OUTDOOR APPLICATION ON PAINTED OR GALVANIZED SHEET METAL SURFACES

SIZE: 6 1/2" X 11"

# Dimensional Data

**Figure 6. Dimensional data**

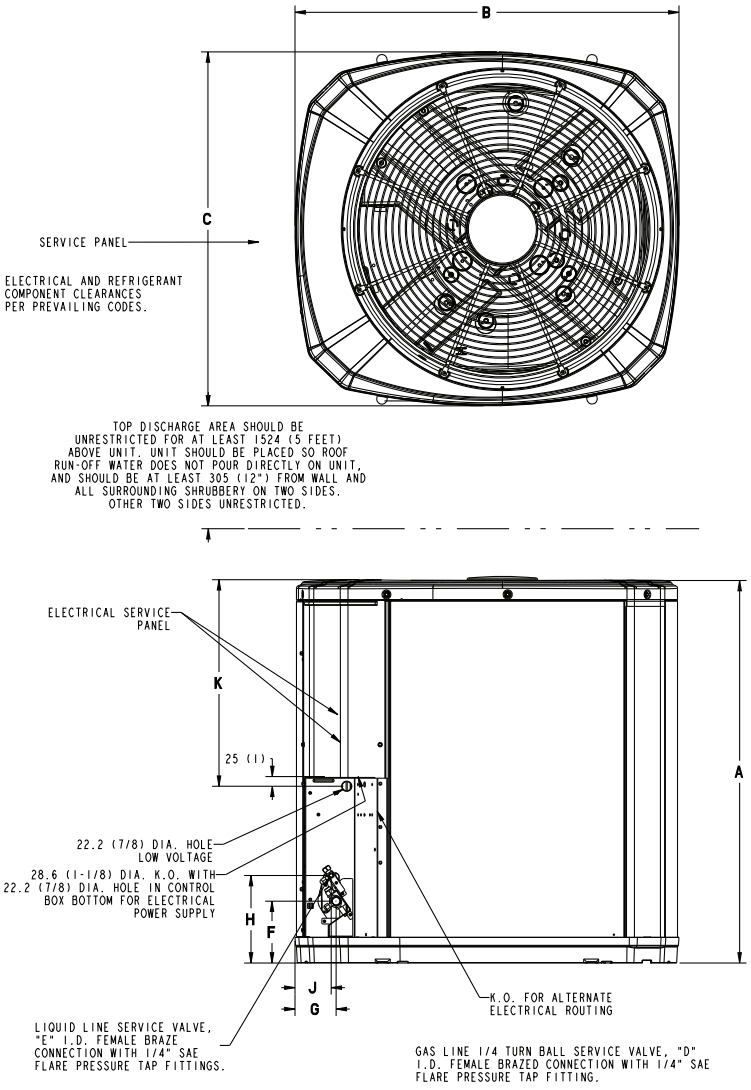



**Table 4. Dimensions — mm (inches)**

| Model | Base | A | B | C | D | E | F | G | H | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5TWA4036-A3000A | 4 | 841 (33-1/8) | 946 (37–1/4) | 870 (34–1/4) | 3/4 | 5/16 | 143 (5–5/8) | 98 (3–7/8) | 219 (8–5/8) | 86 (3–3/8) | 508 (20) |
| 5TWA4042-A3000A | 4 | 1147 (45–1/8) | 946 (37–1/4) | 870 (34–1/4) | 7/8 | 5/16 | 152 (6) | 98 (3–7/8) | 219 (8–5/8) | 86 (3–3/8) | 813 (32) |
| 5TWA4048-A3000A | 4 | 1147 (45–1/8) | 946 (37–1/4) | 870 (34–1/4) | 7/8 | 5/16 | 152 (6) | 98 (3–7/8) | 219 (8–5/8) | 86 (3–3/8) | 813 (32) |
| 5TWA4060-A3000A | 4 | 1147 (45–1/8) | 946 (37–1/4) | 870 (34–1/4) | 7/8 | 5/16 | 152 (6) | 98 (3–7/8) | 219 (8–5/8) | 86 (3–3/8) | 813 (32) |
| 5TWA4036-A4000A | 4 | 841 (33-1/8) | 946 (37–1/4) | 870 (34–1/4) | 3/4 | 5/16 | 143 (5–5/8) | 98 (3–7/8) | 219 (8–5/8) | 86 (3–3/8) | 508 (20) |
| 5TWA4042-A4000A | 4 | 1147 (45–1/8) | 946 (37–1/4) | 870 (34–1/4) | 7/8 | 5/16 | 152 (6) | 98 (3–7/8) | 219 (8–5/8) | 86 (3–3/8) | 813 (32) |
| 5TWA4048-A4000A | 4 | 1147 (45–1/8) | 946 (37–1/4) | 870 (34–1/4) | 7/8 | 5/16 | 152 (6) | 98 (3–7/8) | 219 (8–5/8) | 86 (3–3/8) | 813 (32) |
| 5TWA4060-A4000A | 4 | 1147 (45–1/8) | 946 (37–1/4) | 870 (34–1/4) | 7/8 | 5/16 | 152 (6) | 98 (3–7/8) | 219 (8–5/8) | 86 (3–3/8) | 813 (32) |

# Mechanical Specification Options

**General**

The outdoor condensing units are factory charged with the system charge required for the outdoor condensing unit, ten (10) feet of tested connecting line, and the smallest rated indoor evaporative coil match. 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 60335-2-40. Exterior is designed for outdoor application.

**Casing**

Unit casing is constructed of heavy gauge, galvanized steel and painted with a weather-resistant powder paint finish. The corner panels are pre-painted. All panels are subjected to our 1,000 hour salt spray test.

**Refrigerant Controls**

Refrigeration system controls include condenser fan, compressor contactor and low and high pressure switches. A factory supplied, field installed liquid line drier is standard.

**Compressor**

The compressor features internal over temperature and pressure protection. 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 system has a cooling capacity 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.

The addition of the BAYLOAM107A low ambient kit permits ambient cooling to 20°F.

***Note:*** *The BAYLOAM107A kit does not apply to 3-phase 3.5 ton, 4 ton, and 5 ton heat pump models rated for 230V and 460V.*

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

Trane - by Trane Technologies (NYSE: TT), a global innovator - creates comfortable, energy efficient indoor environments for commercial and residential applications. For more information, please visit trane.com or tranetechnologies.com.

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The AHRI Certified mark indicates Trane U.S. Inc. participation in the AHRI Certification program. For verification of individual certified products, go to ahridirectory.org.

Trane 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.

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