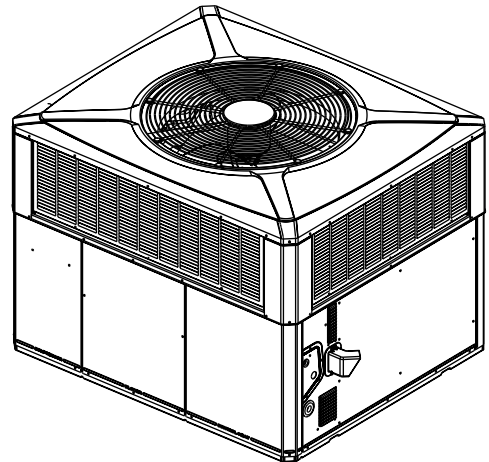


# Product Data and Submittal Data

## Single Packaged Gas/Electric Entry, Convertible, 2 to 5 Ton, R-454B

A5PG3024A1060A  
A5PG3030A1070A  
A5PG3036A1070A  
A5PG3042A1090A  
A5PG3048A1090A  
A5PG3060A1115A



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

# Introduction

Trane offers a complete family of packaged gas/electric heating and cooling systems, designed to provide the unbeatable combination of energy efficiency and lower operating costs. In warm weather, the package gas/electric system functions as an all-electric, high efficiency air conditioner. In cold weather, it operates as a natural gas or propane gas furnace, offering the best of both energy worlds.

**Because cooling and heating functions are all contained in a single cabinet, a single packaged convertible gas/electric system is easy to install and service.**

It can be flush mounted beside your home at ground level or placed on the roof for horizontal or downflow installation. When connected to an optional American Standard thermostat control, and air distribution ducts, you have a highly efficient, total home comfort system.

**Single Packaged Convertible Gas/Electric Systems are unmatched in quality and reliability.**

All major components on these products, including the compressor, have been designed and manufactured for maximum service. Every compressor is designed and manufactured to exacting specifications. Each design is life tested in extreme environments to ensure reliable and long lasting operation in normal applications. Each compressor has internal motor protection for added reliability.

**Single Packaged Convertible Gas/Electric Systems provide better performance.**

Our single packaged cooling/heating units offer cooling/heating efficiencies that are unmatched in the industry and provide you with a product far superior in performance than the competition.

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## Revision History

- Updated Optional equipment listing table.
- Updated Product specification tables.
- Updated Wiring diagrams images.

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# Optional Equipment Listing

**Table 1. Optional equipment listing**

| 454 Model Number                                                                               | Use With        |
|------------------------------------------------------------------------------------------------|-----------------|
| Hinged Filter Access Door (A5PG3024-036)                                                       | BAYACCDOR1A [ ] |
| Hinged Filter Access Door (A5PG3042-060)                                                       | BAYACCDOR2A [ ] |
| Adapter Curb (Cabinet A/B) (A5PG3024-036)                                                      | BAYADAP050A [ ] |
| Adapter Curb (Cabinet C) (A5PG3024-036)                                                        | BAYADAP051A [ ] |
| Adapter Curb (Cabinet A/B) (A5PG3042-060)                                                      | BAYADAP052A [ ] |
| Adapter Curb (Cabinet C) (A5PG3042-060)                                                        | BAYADAP053A [ ] |
| Adapter Curb (Cabinet D) (A5PG3042-060)                                                        | BAYADAP054A [ ] |
| Anti-Short Cycle Timer (A5PG3024-060)                                                          | BAYASCT001 [ ]  |
| Crankcase Heater (230V) (Scroll) (A5PG3042-060)                                                | BAYCCHT102A [ ] |
| Crankcase Heater (230V) (Scroll) (A5PG3024-036)                                                | BAYCCHT103A [ ] |
| Flat Roof Full Perimeter Curb (Insulated) (A5PG3024-036)                                       | BAYCURB050B [ ] |
| Flat Roof Full Perimeter Curb (Insulated) (A5PG3042-060)                                       | BAYCURB051B [ ] |
| Extreme Conditions Mounting Kit (Used on BAYCURB and BAYADAP) (A5PG3024-060)                   | BAYEXMK001A [ ] |
| Extreme Conditions Mounting Kit (Used on BAYUTIL) (A5PG3024-060)                               | BAYEXMK002B [ ] |
| Extreme Conditions Mounting Kit (Used on Slab Mounts) (A5PG3024-060)                           | BAYEXMK003A [ ] |
| 1 to 2-in. Filter Frame-Requires one 18x25 filter (not included) (A5PG3024-036)                | BAYFLTR101C [ ] |
| 1 to 2-in. Filter Frame-Requires one 18x20, and one 18x18 filter (not included) (A5PG3042-060) | BAYFLTR201C [ ] |
| LP Conversion Kit (All 70K Models)                                                             | BAYLPKT101C [ ] |
| LP Conversion Kit (All 60K and 90K Models)                                                     | BAYLPKT103A [ ] |
| LP Conversion Kit (All 115K Models)                                                            | BAYLPKT104A [ ] |

# Product Specifications

**Table 2. Models – A5PG3024A, A5PG3030A, A5PG3036A, A5PG3042A, A5PG3048A, and A5PG3060A**

| Model                                     | A5PG3024A                        | A5PG3030A     | A5PG3036A     | A5PG3042A     | A5PG3048A     | A5PG3060A     |
|-------------------------------------------|----------------------------------|---------------|---------------|---------------|---------------|---------------|
| Rated Volts/Ph/Hz                         | 208–230/1/60                     |               |               |               |               |               |
| Performance Cooling BTUH <sup>(a)</sup>   | 24000                            | 28400         | 36800         | 40000         | 40000         | 58500         |
| Indoor Airflow (CFM)                      | 820                              | 920           | 1190          | 1500          | 1670          | 1700          |
| Power Input (kW)                          | 1.98                             | 2.43          | 3.12          | 3.53          | 4.3           | 5.08          |
| EER2/SEER2 (BTU/Watt-Hr.)                 | 10.6/13.4                        | 10.6/13.4     | 10.6/13.4     | 10.6/13.4     | 10.6/13.4     | 10.6/13.4     |
| Sound Power Rating [dB(A)]<br>(b)         | 66.6                             | 70            | 71.4          | 74.6          | 72.5          | 76            |
| <b>Performance Heating<sup>(c)</sup></b>  |                                  |               |               |               |               |               |
| Input BTUH-1st Stage<br>(Natural Gas) (d) | 60000                            | 70000         | 70000         | 90000         | 90000         | 115000        |
| AFUE                                      | 81                               | 81            | 81            | 81            | 81            | 81            |
| Temp. Rise — Min/Max (°F)                 | 30 / 60                          | 30 / 60       | 30 / 60       | 35 / 65       | 35 / 65       | 30 / 60       |
| Orifice Qty/Drill Sz. (Natural Gas)       | 2 / #37                          | 2 / #33       | 2 / #33       | 3 / #37       | 3 / #37       | 3 / #32       |
| <b>Power Conn. — V/Ph/Hz</b>              | 208–230/1/60                     |               |               |               |               |               |
| Min. Brch. Cir. Ampacity <sup>(e)</sup>   | 16                               | 21            | 28            | 26            | 36            | 41            |
| Fuse Size — Max. (amps)                   | 25                               | 30            | 40            | 40            | 50            | 60            |
| Fuse Size — Recmd. (amps)                 | 25                               | 30            | 40            | 40            | 50            | 60            |
| <b>Compressor</b>                         | Scroll                           | Scroll        | Scroll        | Scroll        | Scroll        | Scroll        |
| Volts/Ph/Hz                               | 208–230/1/60                     | 208–230/1/60  | 208–230/1/60  | 208–230/1/60  | 208–230/1/60  | 208–230/1/60  |
| R.L. Amps — L.R. Amps                     | 3/8                              | 3/8           | 3/8           | 3/8           | 3/8           | 3/8           |
| <b>Outdoor Coil — Type</b>                | Spine Fin                        | Spine Fin     | Spine Fin     | Spine Fin     | Spine Fin     | Spine Fin     |
| Rows/F.P.I                                | 2 / 24                           | 2 / 24        | 2 / 24        | 2 / 24        | 2 / 24        | 2 / 24        |
| Face Area (sq. ft.)                       | 13.32                            | 13.32         | 15.49         | 15.63         | 20.54         | 22.99         |
| Tube Size (in.)                           | 3/8                              | 3/8           | 3/8           | 3/8           | 3/8           | 3/8           |
| <b>Indoor Coil — Type</b>                 | MCHE                             |               |               |               |               | RTPF          |
| Rows/F.P.I                                | 2 / 16                           | 2 / 16        | 2 / 16        | 2 / 16        | 2 / 16        | 4/15          |
| Face Area (sq. ft.)                       | 2.70                             | 2.70          | 2.70          | 3.90          | 3.90          | 5.00          |
| Tube Size (in.)                           | 0.81                             | 0.81          | 1.00          | 0.81          | 0.81          | 0.38          |
| Refrigeration Control                     | Expansion Valve                  |               |               |               |               |               |
| Drain Conn. Size (in.)                    | 3/4 Female NPT                   |               |               |               |               |               |
| <b>Outdoor Fan — Type</b>                 | Propeller                        | Propeller     | Propeller     | Propeller     | Propeller     | Propeller     |
| Dia. (in.)                                | 23.4                             | 23.4          | 23.4          | 28.3          | 28.3          | 28.3          |
| Drive/No. Speeds                          | Direct/ 1                        | Direct/ 1     | Direct/ 1     | Direct/ 1     | Direct/ 1     | Direct/ 1     |
| CFM @ 0.0 in. w.g. <sup>(f)</sup>         | 2350                             | 2800          | 3080          | 3400          | 3400          | 4800          |
| Motor — HP/R.P.M                          | 1/12 / 825                       | 1/6 / 825     | 1/5 / 825     | 1/4 / 825     | 1/4 / 825     | 1/3 / 825     |
| Volts/Ph/Hz                               | 208–230/1/60                     | 208–230/1/60  | 208–230/1/60  | 208–230/1/60  | 208–230/1/60  | 208–230/1/60  |
| F.L. Amps/L.R Amps                        | 0.54 / 0.82                      | 0.85 / 1.65   | 1.1 - 2.0     | 1.5 / 3.07    | 1.5 / 3.07    | 1.7 / 3.5     |
| <b>Indoor Fan — Type</b>                  | Constant Torque ECM              |               |               |               |               |               |
| Dia. x Width (in.)                        | 10.62 X 10.62                    | 10.62 X 10.62 | 10.62 X 10.62 | 10.62 X 10.62 | 10.62 X 10.62 | 11.87 X 10.62 |
| Drive/No. Speeds                          | Direct/ 4                        | Direct/ 4     | Direct/ 4     | Direct/ 4     | Direct/ 4     | Direct/ 4     |
| CFM @ 0.0 in. w.g. <sup>(g)</sup>         | See Indoor Fan Performance Table |               |               |               |               |               |
| Motor — HP/R.P.M.                         | 1/3 / 1050                       | 1/2 / 1050    | 3/4 / 1050    | 3/4 / 1050    | 3/4 / 1050    | 1 / 1050      |
| Volts/Ph/Hz                               | 208–230/1/60                     | 208–230/1/60  | 208–230/1/60  | 208–230/1/60  | 208–230/1/60  | 208–230/1/60  |
| F.L. Amps                                 | 2.7                              | 4.1           | 6.0           | 6.0           | 6.0           | 7.4           |
| <b>Combustion Fan-Type</b>                | Centrifugal                      |               |               |               |               |               |

## Product Specifications

**Table 2. Models – A5PG3024A, A5PG3030A, A5PG3036A, A5PG3042A, A5PG3048A, and A5PG3060A (continued)**

| Model                                    | A5PG3024A    | A5PG3030A    | A5PG3036A    | A5PG3042A    | A5PG3048A    | A5PG3060A    |
|------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Drive/No. Speeds                         | Direct / 1   |              |              |              |              |              |
| Motor— HP/R.P.M.                         | 1/34 / 3345  | 1/34 / 3290  | 1/34 / 3290  | 1/34 / 3075  | 1/34 / 3075  | 1/34 / 3055  |
| Volts/Ph/Hz                              | 230/1/60     | 230/1/60     | 230/1/60     | 230/1/60     | 230/1/60     | 230/1/60     |
| FLA                                      | 0.2          | 0.2          | 0.2          | 0.24         | 0.24         | 0.25         |
| Filter/ Furnished                        | No           | No           | No           | No           | No           | No           |
| Type Recommended                         | Throwaway    | Throwaway    | Throwaway    | Throwaway    | Throwaway    | Throwaway    |
| Recmd. Face Area (sq. ft) <sup>(h)</sup> | 4.0          | 4.0          | 4.0          | 5.3          | 5.3          | 5.3          |
| Refrigerant                              | R-454B       | R-454B       | R-454B       | R-454B       | R-454B       | R-454B       |
| Charge (lbs.)                            | 4.4          | 6.97         | 7.2          | 7.3          | 6.6          | 9.75         |
| Subcooling                               | 12° F        | 10° F        | 12° F        | 12° F        | 10° F        | 13° F        |
| Dimensions                               | H x W x L    |              |              |              |              |              |
| Crated (in.)                             | 46 x 45 x 52 | 48 x 45 x 52 | 48 x 45 x 52 | 46 x 47 x 62 | 50 x 47 x 62 | 50 x 47 x 62 |
| Weight                                   |              |              |              |              |              |              |
| Shipping (lbs.) / Net (lbs.)             | 436 / 362    | 455 / 381    | 443 / 379    | 564 / 460    | 564 / 460    | 589 / 485    |

<sup>(a)</sup> Rated in accordance with AHRI Standard 210/240. AHRI standard rating conditions are: 80 D.B.67 W.B. entering air to indoor coil. 95 D. B. entering air to outdoor coil.

<sup>(b)</sup> Sound Power values are not adjusted for AHRI 270–95 tonal corrections.

<sup>(c)</sup> Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

<sup>(d)</sup> Convertible to LPG.

<sup>(e)</sup> Calculated in accordance with currently prevailing Nat'l Electrical Code.

<sup>(f)</sup> Standard Air — Dry Coil — Outdoor.

<sup>(g)</sup> Based on U.S. Government Standard Tests.

<sup>(h)</sup> Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05-in W.C.

# Indoor Fan Performance

**Table 3. Airflow – model A5PG3024A1060**

| A5PG3024A1060        |       | External static pressure (in.WG) Horizontal Airflow [Down Airflow] |                |                |                |                |              |              |              |              |     |   |
|----------------------|-------|--------------------------------------------------------------------|----------------|----------------|----------------|----------------|--------------|--------------|--------------|--------------|-----|---|
| Motor Speed          |       | 0.0                                                                | 0.1            | 0.2            | 0.3            | 0.4            | 0.5          | 0.6          | 0.7          | 0.8          | 0.9 | 1 |
| Constant Circulation | CFM   | Approximately 40-50% Cooling or Heating Airflow                    |                |                |                |                |              |              |              |              |     |   |
|                      | WATTS |                                                                    |                |                |                |                |              |              |              |              |     |   |
| Cooling - Low        | CFM   | —                                                                  | 900<br>(891)   | 846<br>(838)   | 794<br>(786)   | 729<br>(722)   | —            | —            | —            | —            | —   | — |
|                      | WATTS | —                                                                  | 114<br>(115)   | 121<br>(122)   | 128<br>(129)   | 138<br>(138)   | —            | —            | —            | —            | —   | — |
| Cooling - Med        | CFM   | —                                                                  | —              | —              | 890<br>(881)   | 836<br>(828)   | 777<br>(769) | 707<br>(700) | —            | —            | —   | — |
|                      | WATTS | —                                                                  | —              | —              | 158<br>(159)   | 167<br>(167)   | 175<br>(176) | 185<br>(186) | —            | —            | —   | — |
| Cooling - High       | CFM   | —                                                                  | —              | —              | —              | 908<br>(899)   | 863<br>(854) | 818<br>(810) | 773<br>(765) | 731<br>(724) | —   | — |
|                      | WATTS | —                                                                  | —              | —              | —              | 248<br>(249)   | 256<br>(258) | 264<br>(266) | 274<br>(276) | 282<br>(284) | —   | — |
| Heating - Low        | CFM   | 1123<br>(1123)                                                     | 1059<br>(1059) | 994<br>(994)   | 943<br>(943)   | 889<br>(889)   | —            | —            | —            | —            | —   | — |
|                      | WATTS | 143<br>(143)                                                       | 152<br>(152)   | 160<br>(160)   | 167<br>(167)   | 175<br>(175)   | —            | —            | —            | —            | —   | — |
| Heating - High       | CFM   | —                                                                  | —              | 1122<br>(1122) | 1069<br>(1069) | 1022<br>(1022) | 974<br>(974) | 922<br>(922) | 871<br>(871) | 809<br>(809) | —   | — |
|                      | WATTS | —                                                                  | —              | 213<br>(213)   | 221<br>(221)   | 229<br>(229)   | 238<br>(238) | 245<br>(245) | 253<br>(253) | 261<br>(261) | —   | — |

**Note:** Cooling airflow must not exceed 900 CFM due to condensate blowoff.

**Table 4. Airflow – model A5PG3030A1070**

| A5PG3030A1070        |       | External static pressure (in.WG) Horizontal Airflow [Down Airflow] |                |                |                |                |                |                |              |     |     |   |
|----------------------|-------|--------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|-----|-----|---|
| Motor Speed          |       | 0.0                                                                | 0.1            | 0.2            | 0.3            | 0.4            | 0.5            | 0.6            | 0.7          | 0.8 | 0.9 | 1 |
| Constant Circulation | CFM   | Approximately 40-50% Cooling or Heating Airflow                    |                |                |                |                |                |                |              |     |     |   |
|                      | WATTS |                                                                    |                |                |                |                |                |                |              |     |     |   |
| Cooling - Low        | CFM   | 1051<br>(1041)                                                     | 994<br>(984)   | 939<br>(930)   | 889<br>(880)   | 840<br>(831)   | —              | —              | —            | —   | —   | — |
|                      | WATTS | 126<br>(126)                                                       | 134<br>(135)   | 142<br>(143)   | 150<br>(150)   | 158<br>(158)   | —              | —              | —            | —   | —   | — |
| Cooling - Med        | CFM   | —                                                                  | —              | 1108<br>(1097) | 1070<br>(1059) | 1027<br>(1017) | 975<br>(965)   | 920<br>(911)   | 875<br>(866) | —   | —   | — |
|                      | WATTS | —                                                                  | —              | 239<br>(240)   | 247<br>(248)   | 256<br>(258)   | 267<br>(269)   | 274<br>(276)   | 282<br>(284) | —   | —   | — |
| Cooling - High       | CFM   | —                                                                  | —              | —              | —              | 1099<br>(1088) | 1059<br>(1048) | 1017<br>(1007) | 968<br>(959) | —   | —   | — |
|                      | WATTS | —                                                                  | —              | —              | —              | 259<br>(260)   | 268<br>(270)   | 278<br>(279)   | 289<br>(290) | —   | —   | — |
| Heating - Low        | CFM   | 1148<br>(1136)                                                     | 1103<br>(1091) | 1061<br>(1050) | 1022<br>(1012) | 982<br>(972)   | 932<br>(922)   | —              | —            | —   | —   | — |
|                      | WATTS | 199<br>(197)                                                       | 208<br>(205)   | 216<br>(214)   | 224<br>(222)   | 233<br>(230)   | 243<br>(241)   | —              | —            | —   | —   | — |
| Heating - High       | CFM   | —                                                                  | —              | —              | 1158<br>(1147) | 1122<br>(1111) | 1084<br>(1073) | 1039<br>(1028) | 988<br>(978) | —   | —   | — |
|                      | WATTS | —                                                                  | —              | —              | 301<br>(298)   | 310<br>(307)   | 320<br>(317)   | 331<br>(328)   | 343<br>(339) | —   | —   | — |

**Note:** Cooling airflow must not exceed 1125 CFM due to condensate blowoff.

## Indoor Fan Performance

**Table 5. Airflow – model A5PG3036A1070**

| A5PG3036A1070        |       | External static pressure (in.WG) Horizontal Airflow [Down Airflow] |                |                |                |                |                |                |                |                |                |                |
|----------------------|-------|--------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Motor Speed          |       | 0.0                                                                | 0.1            | 0.2            | 0.3            | 0.4            | 0.5            | 0.6            | 0.7            | 0.8            | 0.9            | 1              |
| Constant Circulation | CFM   | Approximately 40-50% Cooling or Heating Airflow                    |                |                |                |                |                |                |                |                |                |                |
|                      | WATTS |                                                                    |                |                |                |                |                |                |                |                |                |                |
| Cooling - Low        | CFM   | —                                                                  | 1272<br>(1259) | 1243<br>(1231) | 1214<br>(1202) | 1186<br>(1174) | 1154<br>(1142) | 1116<br>(1105) | 1072<br>(1061) | —              | —              | —              |
|                      | WATTS | —                                                                  | 352<br>(354)   | 361<br>(363)   | 372<br>(374)   | 382<br>(384)   | 392<br>(394)   | 404<br>(406)   | 416<br>(418)   | —              | —              | —              |
| Cooling - Med        | CFM   | —                                                                  | —              | —              | —              | 1349<br>(1336) | 1319<br>(1306) | 1277<br>(1264) | 1242<br>(1230) | 1199<br>(1187) | 1160<br>(1148) | 1124<br>(1113) |
|                      | WATTS | —                                                                  | —              | —              | —              | 489<br>(492)   | 500<br>(503)   | 511<br>(514)   | 523<br>(526)   | 537<br>(540)   | 548<br>(551)   | 558<br>(561)   |
| Cooling - High       | CFM   | —                                                                  | —              | —              | —              | —              | 1326<br>(1299) | 1296<br>(1270) | 1263<br>(1238) | 1225<br>(1201) | 1183<br>(1159) | 1150<br>(1127) |
|                      | WATTS | —                                                                  | —              | —              | —              | —              | 516<br>(519)   | 527<br>(530)   | 539<br>(542)   | 552<br>(555)   | 566<br>(569)   | 575<br>(578)   |
| Heating - Low        | CFM   | 1185<br>(1173)                                                     | 1141<br>(1130) | 1099<br>(1088) | 1055<br>(1044) | 1009<br>(999)  | 968<br>(958)   | 920<br>(911)   | 854<br>(846)   | 808<br>(800)   | 731<br>(724)   | 624<br>(618)   |
|                      | WATTS | 241<br>(238)                                                       | 251<br>(248)   | 260<br>(258)   | 270<br>(267)   | 279<br>(277)   | 289<br>(286)   | 299<br>(296)   | 311<br>(308)   | 320<br>(316)   | 306<br>(303)   | 284<br>(282)   |
| Heating - High       | CFM   | 1386<br>(1373)                                                     | 1354<br>(1340) | 1311<br>(1298) | 1276<br>(1263) | 1238<br>(1225) | 1198<br>(1186) | 1164<br>(1153) | 1069<br>(1058) | 805<br>(797)   | 689<br>(682)   | 596<br>(590)   |
|                      | WATTS | 386<br>(382)                                                       | 399<br>(395)   | 409<br>(405)   | 419<br>(415)   | 430<br>(425)   | 441<br>(437)   | 452<br>(448)   | 432<br>(428)   | 320<br>(317)   | 303<br>(300)   | 298<br>(295)   |

**Note:** Cooling airflow must not exceed 1350 CFM due to condensate blowoff.

**Table 6. Airflow – model A5PG3042A1090**

| A5PG3042A1090        |       | External static pressure (in.WG) Horizontal Airflow [Down Airflow] |                |                |                |                |                |                |                |                |                |                |
|----------------------|-------|--------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Motor Speed          |       | 0.0                                                                | 0.1            | 0.2            | 0.3            | 0.4            | 0.5            | 0.6            | 0.7            | 0.8            | 0.9            | 1              |
| Constant Circulation | CFM   | Approximately 40-50% Cooling or Heating Airflow                    |                |                |                |                |                |                |                |                |                |                |
|                      | WATTS |                                                                    |                |                |                |                |                |                |                |                |                |                |
| Cooling - Low        | CFM   | 1358<br>(1345)                                                     | 1393<br>(1379) | 1348<br>(1334) | 1296<br>(1283) | 1253<br>(1241) | —              | —              | —              | —              | —              | —              |
|                      | WATTS | 224<br>(228)                                                       | 233<br>(238)   | 242<br>(247)   | 252<br>(257)   | 262<br>(267)   | —              | —              | —              | —              | —              | —              |
| Cooling - Med        | CFM   | 1521<br>(1506)                                                     | 1490<br>(1475) | 1448<br>(1433) | 1391<br>(1377) | 1362<br>(1348) | 1338<br>(1325) | 1315<br>(1302) | 1307<br>(1293) | 1254<br>(1241) | —              | —              |
|                      | WATTS | 306<br>(312)                                                       | 316<br>(322)   | 327<br>(333)   | 337<br>(344)   | 348<br>(354)   | 359<br>(366)   | 369<br>(377)   | 382<br>(389)   | 395<br>(403)   | —              | —              |
| Cooling - High       | CFM   | —                                                                  | —              | —              | —              | 1529<br>(1514) | 1491<br>(1476) | 1467<br>(1453) | 1425<br>(1411) | 1385<br>(1371) | 1345<br>(1331) | —              |
|                      | WATTS | —                                                                  | —              | —              | —              | 455<br>(464)   | 467<br>(477)   | 477<br>(487)   | 490<br>(499)   | 503<br>(513)   | 513<br>(523)   | —              |
| Heating - Low        | CFM   | 1419<br>(1426)                                                     | 1380<br>(1387) | 1341<br>(1348) | 1295<br>(1301) | 1249<br>(1255) | 1204<br>(1210) | 1160<br>(1166) | 1115<br>(1120) | 1069<br>(1074) | 1015<br>(1020) | 961<br>(966)   |
|                      | WATTS | 240<br>(241)                                                       | 250<br>(251)   | 259<br>(260)   | 269<br>(270)   | 279<br>(281)   | 291<br>(292)   | 302<br>(303)   | 312<br>(314)   | 323<br>(325)   | 333<br>(335)   | 348<br>(349)   |
| Heating - High       | CFM   | 1559<br>(1567)                                                     | 1524<br>(1531) | 1483<br>(1491) | 1443<br>(1450) | 1401<br>(1408) | 1363<br>(1370) | 1319<br>(1326) | 1276<br>(1282) | 1233<br>(1239) | 1195<br>(1201) | 1147<br>(1152) |
|                      | WATTS | 313<br>(315)                                                       | 324<br>(325)   | 335<br>(337)   | 346<br>(347)   | 356<br>(358)   | 367<br>(368)   | 379<br>(381)   | 392<br>(394)   | 403<br>(405)   | 415<br>(417)   | 428<br>(430)   |

**Note:** Cooling airflow must not exceed 1575 CFM due to condensate blowoff.

Table 7. Airflow – model A5PG3048A1090

| A5PG3048A1090        |       | External static pressure (in.WG) Horizontal Airflow [Down Airflow] |                |                |                |                |                |                |                |                |                |                |
|----------------------|-------|--------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Motor Speed          |       | 0.0                                                                | 0.1            | 0.2            | 0.3            | 0.4            | 0.5            | 0.6            | 0.7            | 0.8            | 0.9            | 1              |
| Constant Circulation | CFM   | Approximately 40-50% Cooling or Heating Airflow                    |                |                |                |                |                |                |                |                |                |                |
|                      | WATTS |                                                                    |                |                |                |                |                |                |                |                |                |                |
| Cooling - Low        | CFM   | 1583<br>(1567)                                                     | 1542<br>(1526) | 1502<br>(1487) | 1460<br>(1445) | 1415<br>(1401) | —              | —              | —              | —              | —              | —              |
|                      | WATTS | 302<br>(308)                                                       | 313<br>(320)   | 324<br>(330)   | 332<br>(339)   | 346<br>(352)   | —              | —              | —              | —              | —              | —              |
| Cooling - Med        | CFM   | 1763<br>(1745)                                                     | 1723<br>(1706) | 1689<br>(1672) | 1648<br>(1632) | 1609<br>(1593) | 1568<br>(1552) | 1527<br>(1512) | 1488<br>(1473) | 1447<br>(1433) | —              | —              |
|                      | WATTS | 414<br>(422)                                                       | 426<br>(434)   | 436<br>(444)   | 448<br>(457)   | 459<br>(468)   | 471<br>(480)   | 483<br>(493)   | 495<br>(505)   | 510<br>(520)   | —              | —              |
| Cooling - Med High   | CFM   | —                                                                  | 1786<br>(1768) | 1757<br>(1739) | 1729<br>(1712) | 1700<br>(1683) | 1675<br>(1658) | 1648<br>(1632) | 1624<br>(1608) | 1504<br>(1489) | —              | —              |
|                      | WATTS | —                                                                  | 577<br>(589)   | 591<br>(603)   | 604<br>(616)   | 617<br>(629)   | 631<br>(644)   | 643<br>(656)   | 655<br>(668)   | 599<br>(611)   | —              | —              |
| Cooling - High       | CFM   | —                                                                  | —              | —              | —              | —              | 1769<br>(1751) | 1728<br>(1711) | 1688<br>(1671) | 1652<br>(1635) | 1545<br>(1530) | —              |
|                      | WATTS | —                                                                  | —              | —              | —              | —              | 613<br>(625)   | 631<br>(644)   | 643<br>(656)   | 647<br>(660)   | 611<br>(623)   | —              |
| Heating - Low        | CFM   | 1419<br>(1426)                                                     | 1380<br>(1387) | 1341<br>(1348) | 1295<br>(1301) | 1249<br>(1255) | 1204<br>(1210) | 1160<br>(1166) | 1115<br>(1120) | 1069<br>(1074) | 1015<br>(1020) | 961<br>(966)   |
|                      | WATTS | 240<br>(241)                                                       | 250<br>(251)   | 259<br>(260)   | 269<br>(270)   | 279<br>(281)   | 291<br>(292)   | 302<br>(303)   | 312<br>(314)   | 323<br>(325)   | 333<br>(335)   | 348<br>(349)   |
| Heating - High       | CFM   | 1559<br>(1567)                                                     | 1524<br>(1531) | 1483<br>(1491) | 1443<br>(1450) | 1401<br>(1408) | 1363<br>(1370) | 1319<br>(1326) | 1276<br>(1282) | 1233<br>(1239) | 1195<br>(1201) | 1147<br>(1152) |
|                      | WATTS | 313<br>(315)                                                       | 324<br>(325)   | 335<br>(337)   | 346<br>(347)   | 356<br>(358)   | 367<br>(368)   | 379<br>(381)   | 392<br>(394)   | 403<br>(405)   | 415<br>(417)   | 428<br>(430)   |

**Note:** Cooling airflow must not exceed 1800 CFM due to condensate blowoff.

Table 8. Airflow – model A5PG3060A1115

| A5PG3060A1115        |       | External static pressure (in.WG) Horizontal Airflow [Down Airflow] |                |                |                |                |                |                |                |                |                |   |
|----------------------|-------|--------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|
| Motor Speed          |       | 0.0                                                                | 0.1            | 0.2            | 0.3            | 0.4            | 0.5            | 0.6            | 0.7            | 0.8            | 0.9            | 1 |
| Constant Circulation | CFM   | Approximately 40-50% Cooling or Heating Airflow                    |                |                |                |                |                |                |                |                |                |   |
|                      | WATTS |                                                                    |                |                |                |                |                |                |                |                |                |   |
| Cooling - Low        | CFM   | 1857<br>(1831)                                                     | 1831<br>(1802) | 1800<br>(1765) | 1766<br>(1728) | —              | —              | —              | —              | —              | —              | — |
|                      | WATTS | 515<br>(524)                                                       | 523<br>(533)   | 533<br>(545)   | 544<br>(558)   | —              | —              | —              | —              | —              | —              | — |
| Cooling - Med        | CFM   | 2031<br>(2003)                                                     | 2003<br>(1975) | 1974<br>(1946) | 1940<br>(1913) | 1907<br>(1880) | 1874<br>(1848) | 1837<br>(1811) | 1805<br>(1780) | 1771<br>(1746) | —              | — |
|                      | WATTS | 594<br>(611)                                                       | 609<br>(627)   | 624<br>(642)   | 639<br>(658)   | 653<br>(672)   | 667<br>(686)   | 681<br>(701)   | 695<br>(715)   | 709<br>(730)   | —              | — |
| Cooling - High       | CFM   | 2083<br>(2054)                                                     | 2058<br>(2030) | 2032<br>(2010) | 2003<br>(1976) | 1974<br>(1946) | 1943<br>(1911) | 1911<br>(1879) | 1877<br>(1848) | 1843<br>(1817) | 1807<br>(1781) | — |
|                      | WATTS | 749<br>(770)                                                       | 759<br>(781)   | 769<br>(790)   | 779<br>(804)   | 788<br>(819)   | 803<br>(832)   | 816<br>(845)   | 830<br>(858)   | 845<br>(872)   | 860<br>(887)   | — |
| Heating - Low        | CFM   | 1827<br>(1815)                                                     | 1792<br>(1790) | 1757<br>(1757) | 1721<br>(1712) | 1685<br>(1679) | 1646<br>(1648) | 1605<br>(1613) | 1570<br>(1574) | —              | —              | — |
|                      | WATTS | 492<br>(510)                                                       | 505<br>(520)   | 517<br>(532)   | 529<br>(549)   | 541<br>(560)   | 553<br>(570)   | 566<br>(582)   | 577<br>(596)   | —              | —              | — |
| Heating - High       | CFM   | —                                                                  | 1927<br>(1910) | 1894<br>(1875) | 1861<br>(1839) | 1824<br>(1803) | 1788<br>(1773) | 1750<br>(1736) | 1711<br>(1704) | 1674<br>(1661) | 1639<br>(1622) | — |
|                      | WATTS | —                                                                  | 614<br>(630)   | 627<br>(634)   | 639<br>(647)   | 651<br>(660)   | 664<br>(672)   | 677<br>(685)   | 689<br>(698)   | 702<br>(712)   | 715<br>(726)   | — |

**Note:** Cooling airflow must not exceed 2250 CFM due to condensate blowoff.

## Indoor Fan Performance

To set indoor motor for the desired speed options, connect the motor leads in the taps as shown below:

**Table 9. Motor wiring A5PG3024-42 and A5PG3060**

| Motor Wiring                  | Motor Tap |        |        |        |        |
|-------------------------------|-----------|--------|--------|--------|--------|
| Mode/Speed                    | 1         | 2      | 3      | 4      | 5      |
| Constant Circulation          | G (GR)    | —      | —      | —      | —      |
| Cooling-Low and Heating-Low   | G (GR)    | Y (YL) | —      | W (PR) | —      |
| Cooling-Low and Heating-High  | G (GR)    | Y (YL) | —      | —      | W (PR) |
| Cooling-Med and Heating-Low   | G (GR)    | —      | Y (YL) | W (PR) | —      |
| Cooling-Med and Heating-High  | G (GR)    | —      | Y (YL) | —      | W (PR) |
| Cooling-High and Heating-Low  | G (GR)    | —      | —      | W (PR) | Y (YL) |
| Cooling-High and Heating-High | G (GR)    | —      | —      | Y (YL) | W (PR) |

G signal (GR - green wire), Y signal (YL - yellow wire), W signal (PR - purple wire)

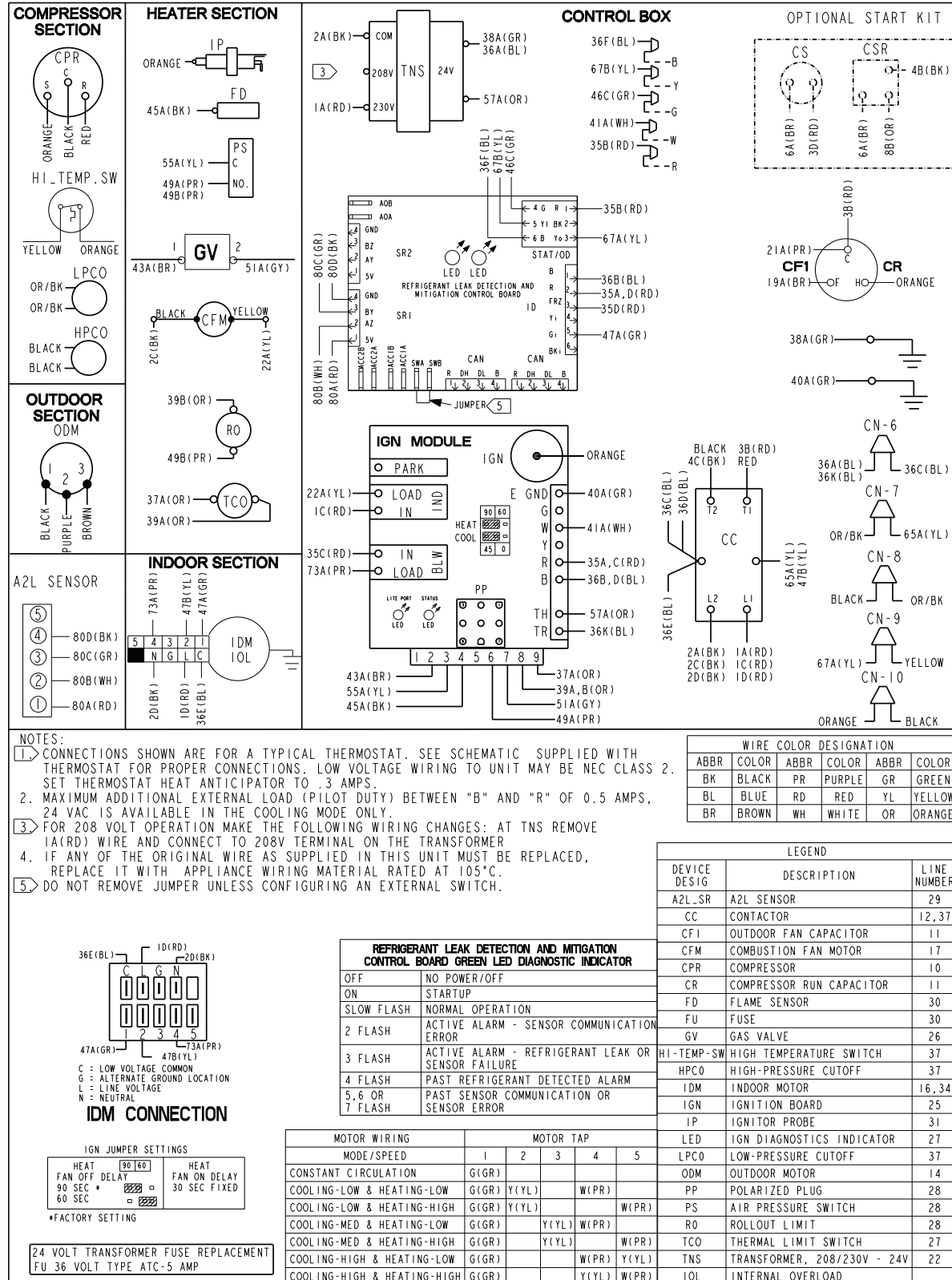
**Table 10. Motor wiring A5PG3048**

| Motor Wiring                      | Motor Tap |        |        |        |        |
|-----------------------------------|-----------|--------|--------|--------|--------|
| Mode/Speed                        | 1         | 2      | 3      | 4      | 5      |
| Constant Circulation              | G (GR)    | —      | —      | —      | —      |
| Cooling-Low and Heating-Low       | G (GR)    | Y (YL) | —      | W (PR) | —      |
| Cooling-Low and Heating-High      | G (GR)    | Y (YL) | —      | —      | W (PR) |
| Cooling-Med Low and Heating-Low   | G (GR)    | —      | Y (YL) | W (PR) | —      |
| Cooling-Med Low and Heating-High  | G (GR)    | —      | Y (YL) | —      | W (PR) |
| Cooling-Med High and Heating-Low  | G (GR)    | W (PR) | —      | Y (YL) | —      |
| Cooling-Med High and Heating-High | G (GR)    | —      | W (PR) | Y (YL) | —      |
| Cooling-High and Heating-Low      | G (GR)    | W (PR) | —      | —      | Y (YL) |
| Cooling-High and Heating-High     | G (GR)    | —      | W (PR) | —      | Y (YL) |

G signal (GR - green wire), Y signal (YL - yellow wire), W signal (PR - purple wire)

# Wiring Diagram

Figure 1. A5PG3024A – 42A



# Wiring Diagram

Figure 2. A5PG3024A – 42A

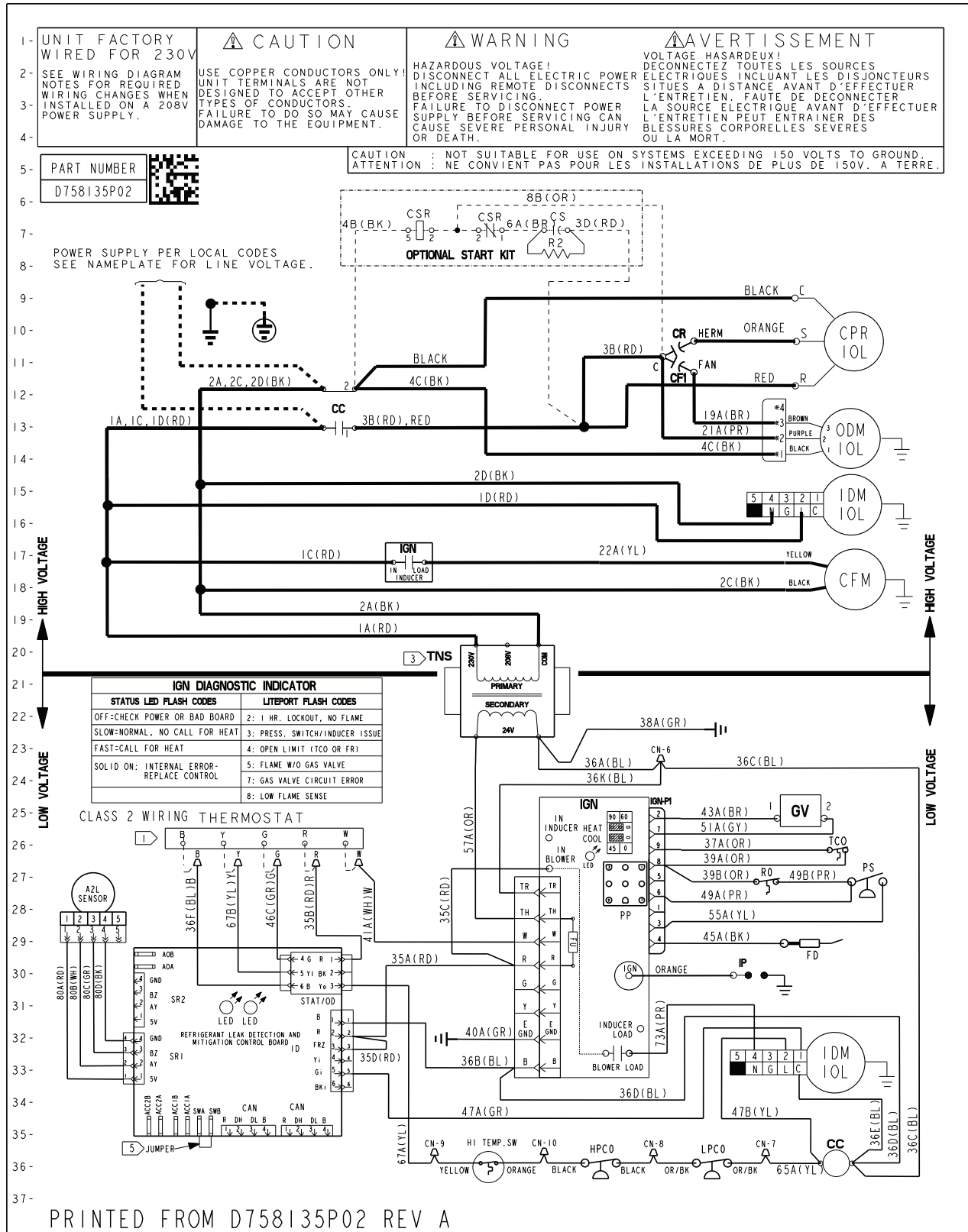
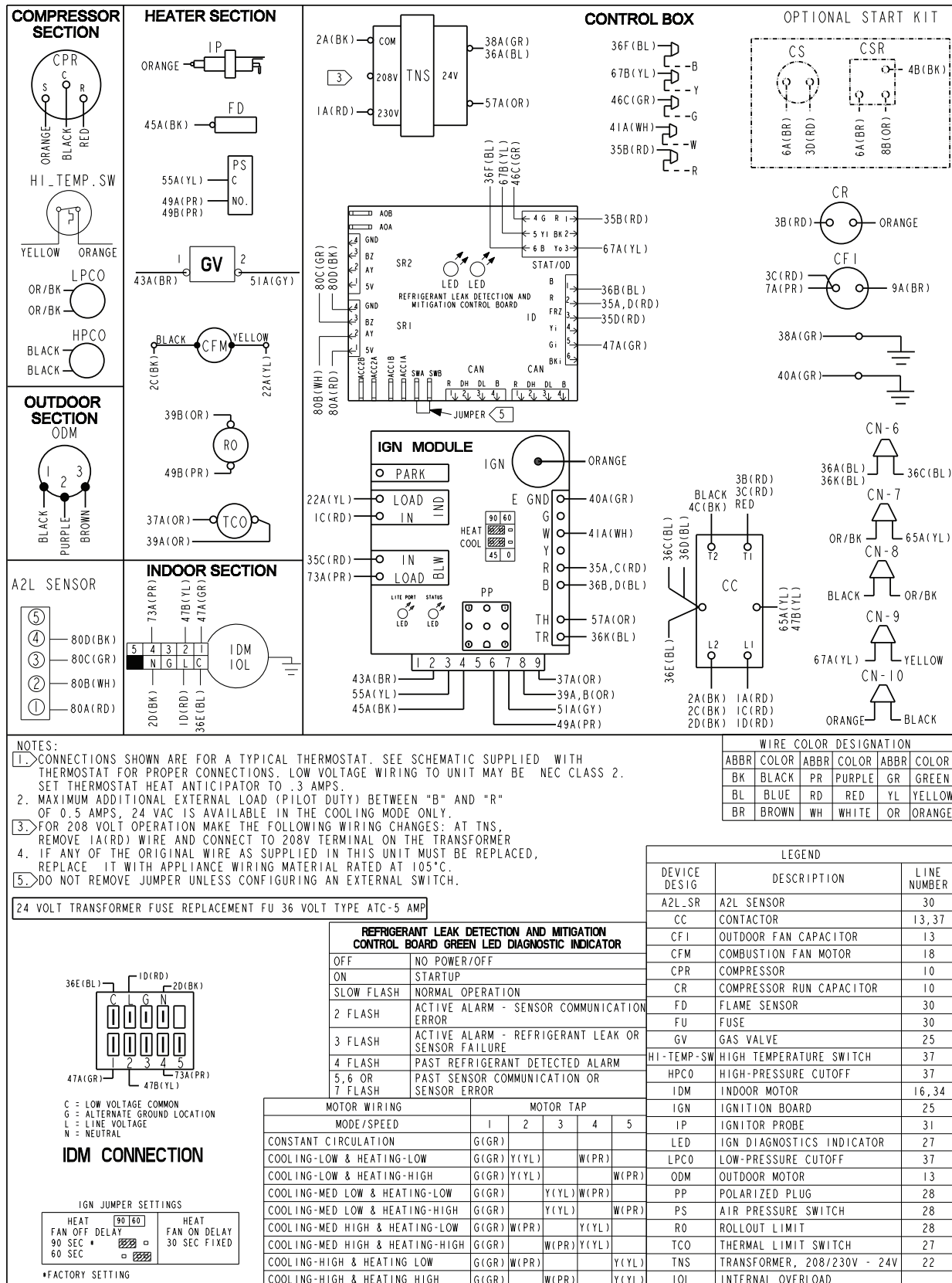


Figure 3. A5PG3048A



# Wiring Diagram

Figure 4. A5PG3048A

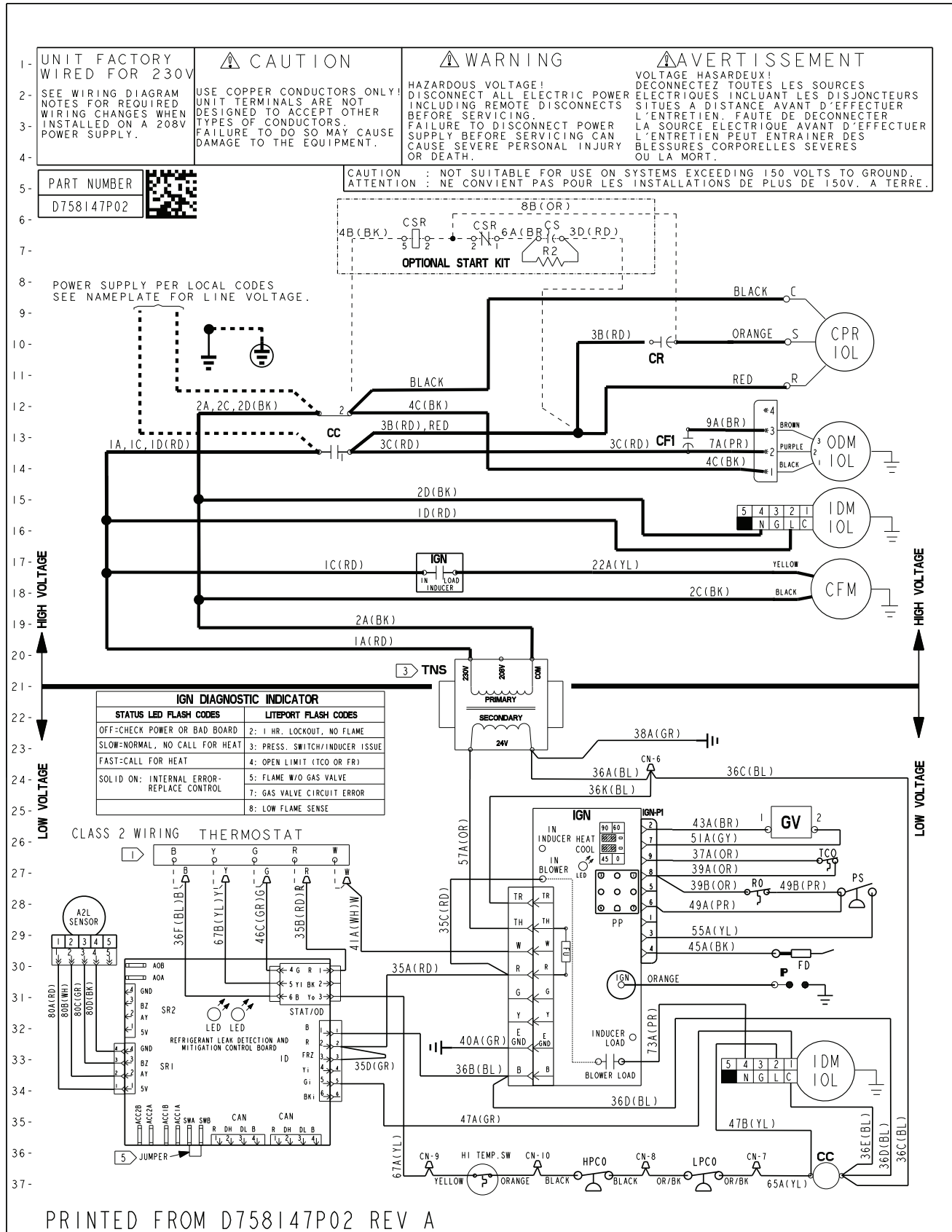
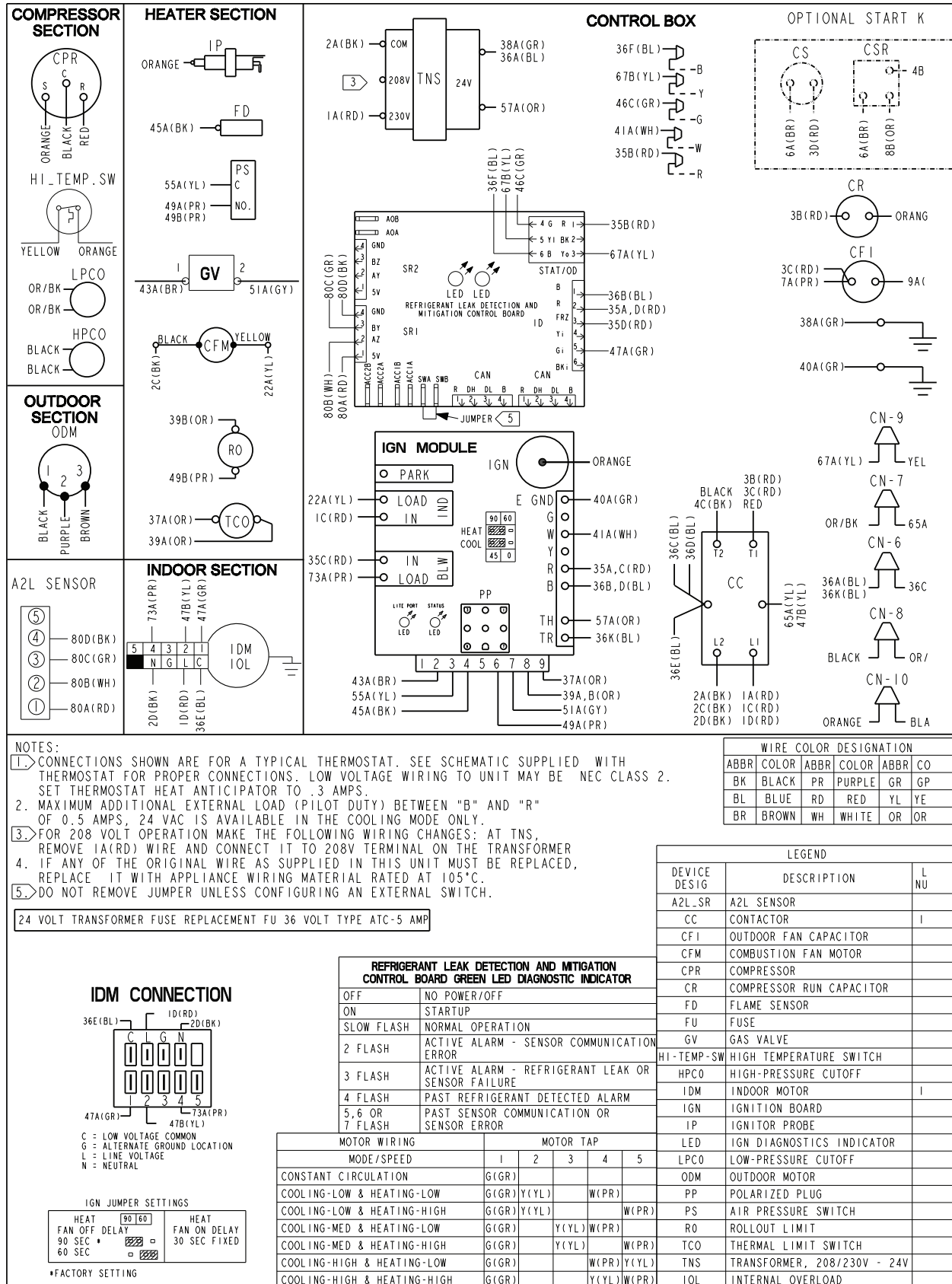


Figure 5. A5PG3060A



**Figure 6. A5PG3060A**



# Full Perimeter Roof Mounting Curb

Figure 7. 2.0 to 3.0 ton models

## BAYCURB050B Full Perimeter Roof Mounting Curb

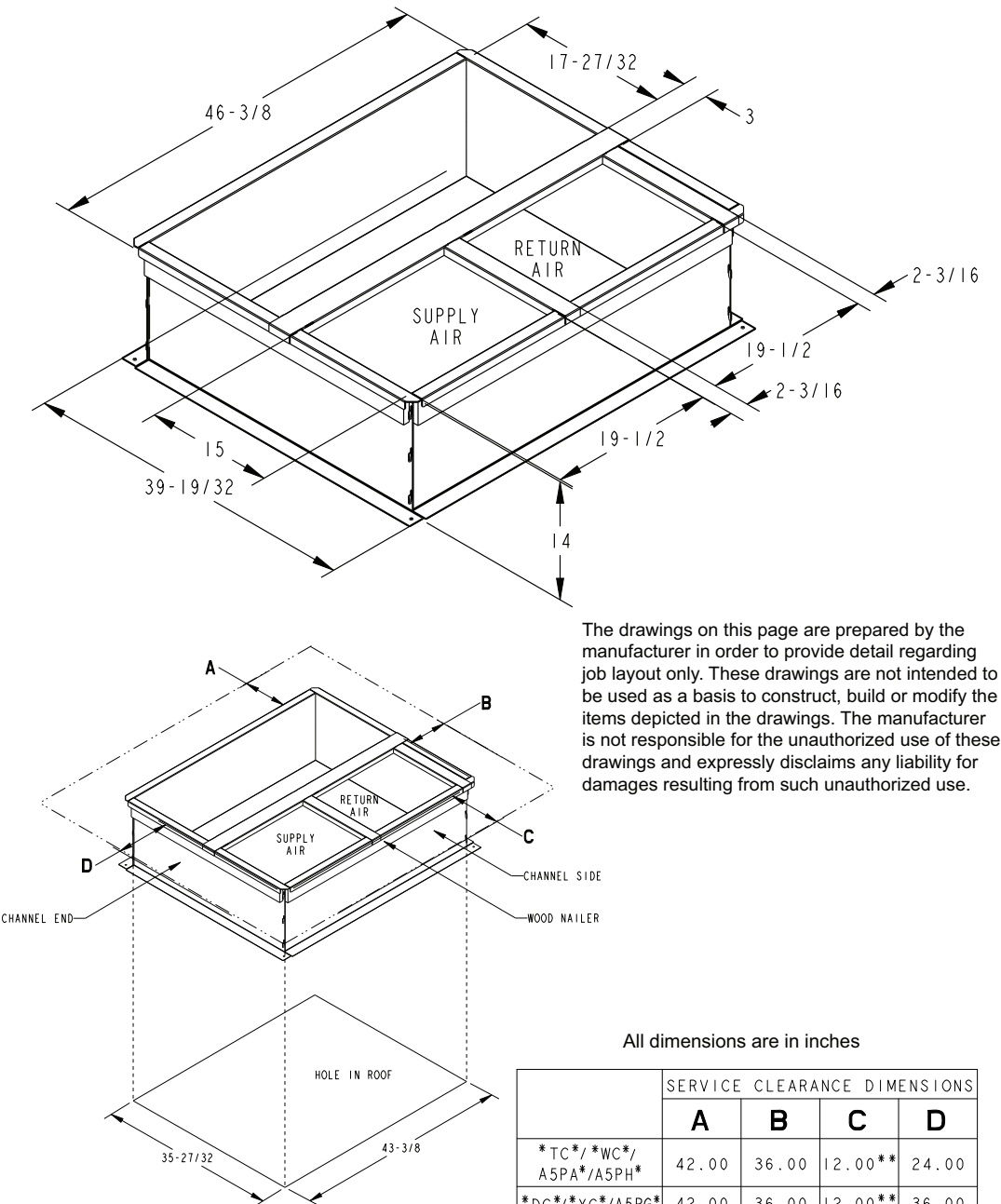
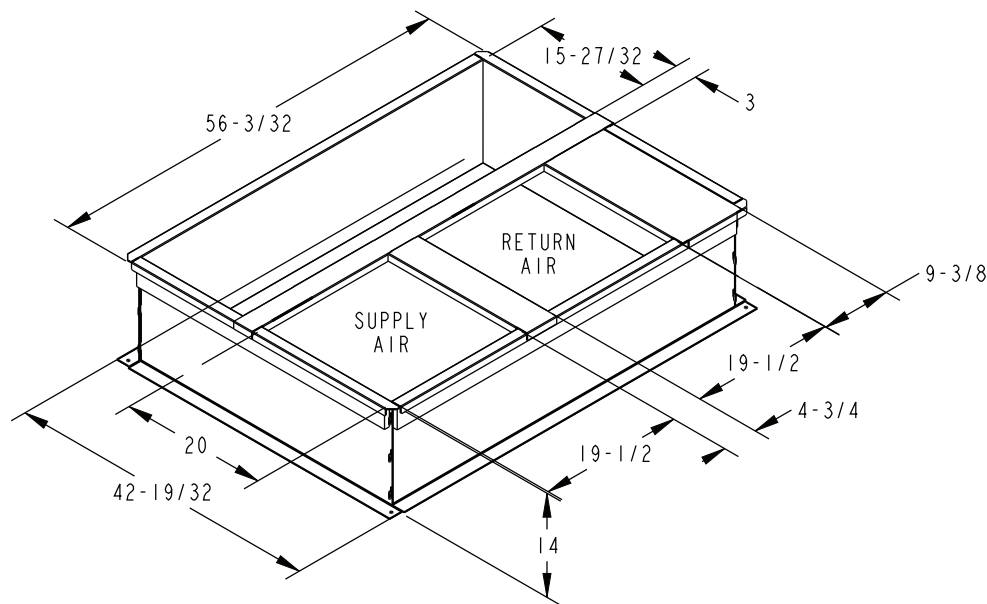
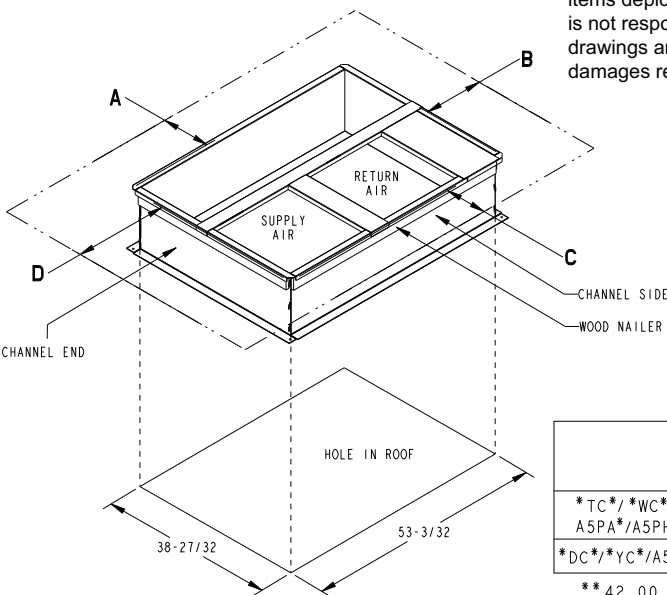


Figure 8. 3.5 to 5.0 ton models

BAYCURB051B Full Perimeter Roof Mounting Curb



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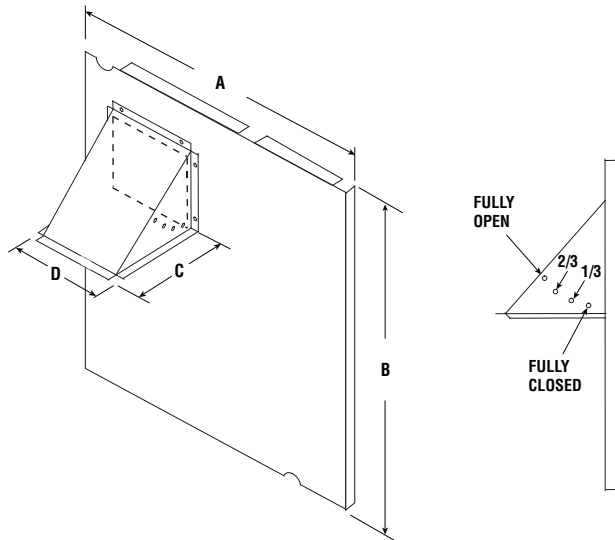
All dimensions are in inches

|                           | SERVICE CLEARANCE DIMENSIONS |       |         |       |
|---------------------------|------------------------------|-------|---------|-------|
|                           | A                            | B     | C       | D     |
| *TC*/*WC*/<br>A5PA*/A5PH* | 42.00                        | 36.00 | 12.00** | 24.00 |
| *DC*/*YC*/A5PG*           | 42.00                        | 36.00 | 12.00** | 36.00 |

\*\*42.00 WITH ECONOMIZER WITH 25% FRESH AIR ACCESSORY

# Optional Equipment — Outside Air Damper

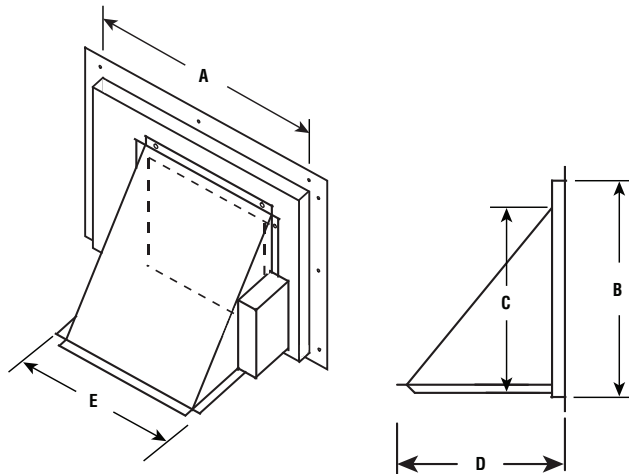
**Figure 9. BAYOSAH001 and BAYOSAH002A outside air damper (Replaces filter/coil access panel)**



**Table 11. Outside air damper dimensions (in inches)**

| Manual Fresh Air Model | Unit Application Models | A       | B        | C      | D      |
|------------------------|-------------------------|---------|----------|--------|--------|
| BAYOSAH001A            | 2.0 to 3.0 Ton          | 22–7/16 | 20–11/16 | 12–3/8 | 9–3/16 |
| BAYOSAH002A            | 3.5 to 5.0 Ton          | 25–3/16 | 20–11/16 | 12–3/8 | 9–3/16 |

**Figure 10. BAYDMPR101 and BAYDMPR102A, 25% motorized outside air damper (Mounts over horizontal return air opening)**



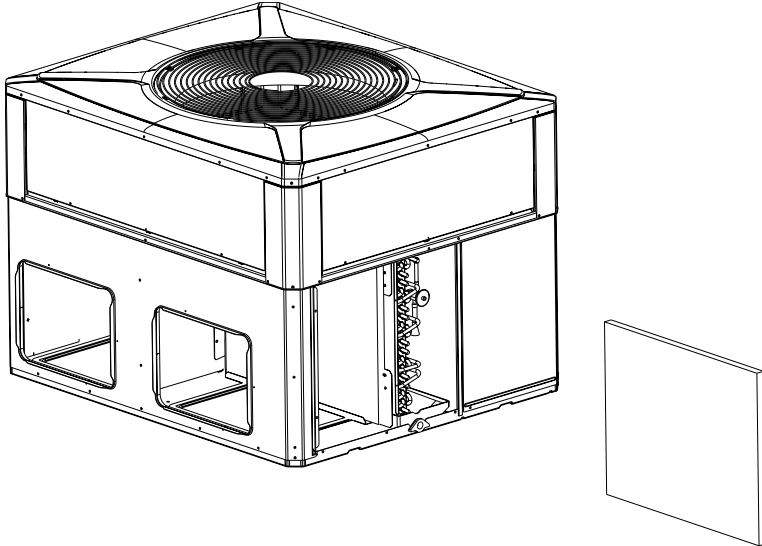
**Table 12. Outside air damper dimensions (in inches)**

| Manual Fresh Air Model | Unit Application Models | A        | B        | C      | D      | E      |
|------------------------|-------------------------|----------|----------|--------|--------|--------|
| BAYDMPR101A            | 2.0 to 3.0 Ton          | 15–13/16 | 11–13/16 | 10–1/4 | 11–1/2 | 12–1/4 |
| BAYDMPR102A            | 3.5 to 5.0 Ton          | 18–3/16  | 15–1/8   | 10–1/4 | 11–1/2 | 12–1/4 |

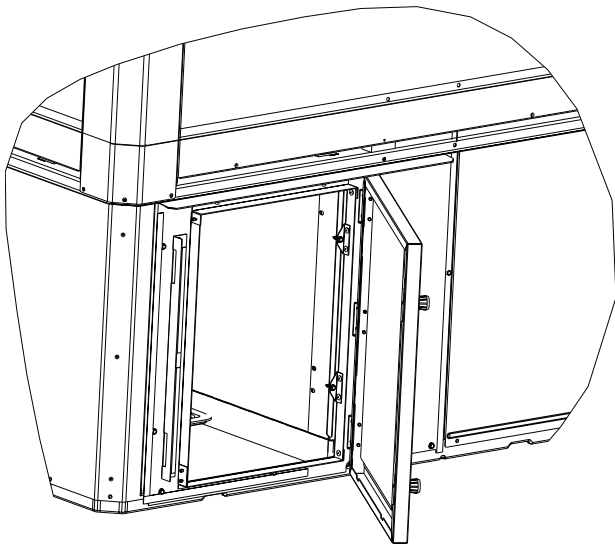
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## Optional Equipment — Filter Rack

**Figure 11.** BAYFLTR101 filter rack (2.0 to 3.0 ton models)/ BAYFLTR201 (3.5 to 5.0 ton models) (Mounts in filter/coil section)



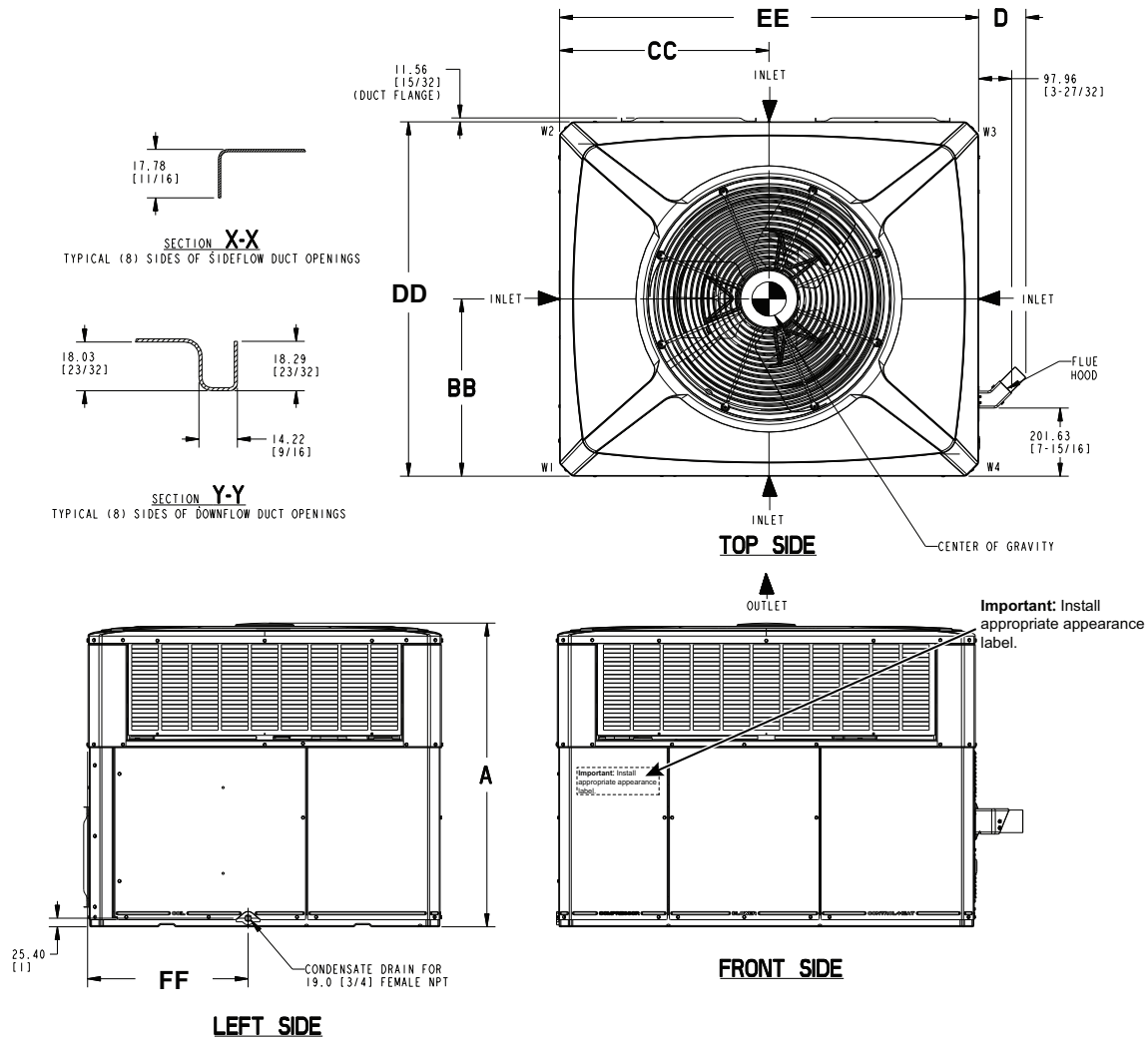
**Figure 12.** BAYACCDOR1A hinged filter access door (2.0 to 3.0 ton models)/ BAYACCDOR2A (3.5 to 5.0 ton models) (Replaces filter/coil access panel)



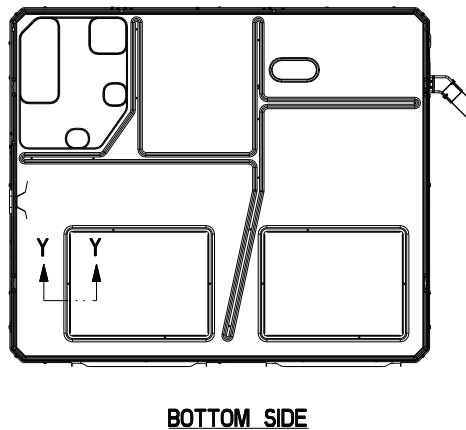
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# Dimensional Data

Figure 13. Space on sides requirements

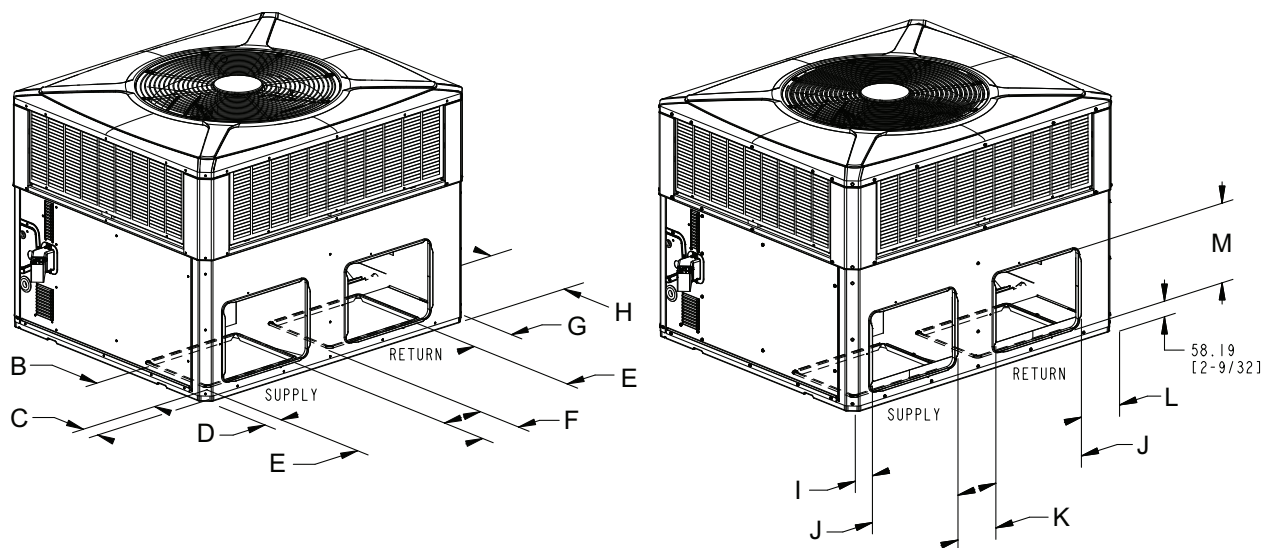


|            | 2 - 3 TON Units                               |          | 3.5 - 5 TON Units |           |
|------------|-----------------------------------------------|----------|-------------------|-----------|
|            | RECOMMENDED SERVICE CLEARANCE mm [Inches]     |          |                   |           |
|            | W/ ECONOMIZER                                 |          | W/ ECONOMIZER     |           |
| BACK SIDE  | 305 [12]                                      | 762 [30] | 305 [12]          | 762 [30]  |
| LEFT SIDE  | 762 [30]                                      | 914 [36] | 914 [36]          | 1067 [42] |
| RIGHT SIDE | 610 [24]                                      | -        | 610 [24]          | -         |
| FRONT SIDE | 1067 [42]                                     | -        | 762 [30]          | -         |
|            | CLEARANCE TO COMBUSTIBLE MATERIAL mm [Inches] |          |                   |           |
| BOTTOM     | 0                                             |          | 0                 |           |
| BACK SIDE  | 25 [1]                                        |          | 25 [1]            |           |
| LEFT SIDE  | 152 [6]                                       |          | 152 [6]           |           |
| RIGHT SIDE | 152 [6]                                       |          | 152 [6]           |           |
| FRONT SIDE | 305 [12]                                      |          | 305 [12]          |           |
| TOP        | 914 [36]                                      |          | 914 [36]          |           |
|            | DIMENSIONS mm [Inches]                        |          |                   |           |
| A          | HEIGHT OF UNIT - See Table 3                  |          |                   |           |
| BB         | CENTER OF GRAVITY - See Table 4               |          |                   |           |
| CC         | CENTER OF GRAVITY - See Table 4               |          |                   |           |
| DD -Depth  | 1049.02 [41-5/16]                             |          | 1125.22 [44-5/16] |           |
| EE -Width  | 1240.28 [48.27-27/32]                         |          | 1487.17 [58-9/16] |           |
| FF         | 475.23 [18-23/32]                             |          | 551.43 [21-23/32] |           |
|            | 2 - 3 TON                                     |          | 3.5 - 5 TON       |           |



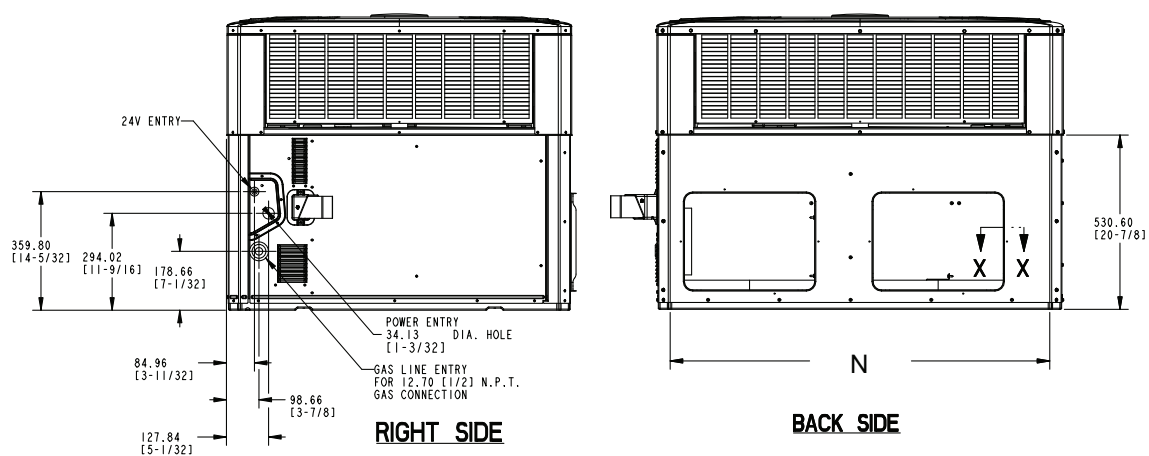
Note: The view labeled "Bottom side" represents the base as viewed looking up from underneath the unit.

**Figure 14. Bottom and back duct openings**



### BOTTOM DUCT OPENINGS

### BACK DUCT OPENINGS



**Table 13. Dimensions (mm [inch])**

| Model    | Height-A              | B                | C               | D               | E                | F                | G                 | H                | I               | J                 | K                | L                 | M                 | N                  |
|----------|-----------------------|------------------|-----------------|-----------------|------------------|------------------|-------------------|------------------|-----------------|-------------------|------------------|-------------------|-------------------|--------------------|
| A5PG3024 | 898.53<br>[35 - 3/8]  | 304.80<br>[12.0] | 75.41<br>[2.97] | 75.41<br>[2.97] | 406.40<br>[16.0] | 167.89<br>[6.61] | 173.46<br>[6.8]   | 304.80<br>[12.0] | 79.50<br>[3.13] | 398.22<br>[15.68] | 176.07<br>[6.93] | 177.55<br>[6.99]  | 296.62<br>[11.68] | 1155.45<br>[45.49] |
| A5PG3030 | 949.33<br>[37 - 3/8]  |                  |                 |                 |                  |                  |                   |                  |                 |                   |                  |                   |                   |                    |
| A5PG3036 |                       |                  |                 |                 |                  |                  |                   |                  |                 |                   |                  |                   |                   |                    |
| A5PG3042 | 898.53<br>[35 - 3/8]  | 457.20<br>[18.0] | 75.41<br>[2.97] | 75.41<br>[2.97] | 381.00<br>[15.0] | 244.09<br>[9.61] | 318.75<br>[12.55] | 381.00<br>[15.0] | 79.50<br>[3.13] | 449.02<br>[17.68] | 176.07<br>[6.93] | 322.84<br>[12.71] | 372.82<br>[14.68] | 1402.34<br>[55.21] |
| A5PG3048 | 1000.13<br>[39 - 3/8] |                  |                 |                 |                  |                  |                   |                  |                 |                   |                  |                   |                   |                    |
| A5PG3060 |                       |                  |                 |                 |                  |                  |                   |                  |                 |                   |                  |                   |                   |                    |

**Table 14. Weights and center of gravity**

| Model    | Corner weights KG [LBS] |            |           |            | Shipping weight KG [LBS] | Unit weight KG [LBS] | Center Of Gravity mm [inch] |              |
|----------|-------------------------|------------|-----------|------------|--------------------------|----------------------|-----------------------------|--------------|
|          | W1                      | W2         | W3        | W4         |                          |                      | BB                          | CC           |
| A5PG3024 | 60.3 [133]              | 36.8 [81]  | 26.1 [58] | 41.0 [90]  | 197.8 [436]              | 164.2 [362]          | 479.8 [18.9]                | 527.8 [20.8] |
| A5PG3030 | 63.5 [140]              | 38.7 [85]  | 27.5 [61] | 43.1 [95]  | 206.4 [455]              | 172.8 [381]          | 406.5 [16.0]                | 594.1 [23.4] |
| A5PG3036 | 63.3 [140]              | 38.3 [84]  | 27.1 [60] | 43.2 [95]  | 200.9 [443]              | 171.9 [379]          | 414.3 [16.3]                | 697.6 [27.5] |
| A5PG3042 | 72.8 [160]              | 47.2 [104] | 35.2 [78] | 53.6 [118] | 255.8 [564]              | 208.8 [460]          | 470.0 [18.5]                | 731.0 [28.8] |
| A5PG3048 | 75.2 [165]              | 45.0 [99]  | 33.8 [75] | 54.4 [120] | 255.6 [564]              | 208.4 [460]          | 433.0 [17.0]                | 743.3 [29.3] |
| A5PG3060 | 79.7 [176]              | 46.3 [102] | 34.9 [77] | 59.0 [130] | 267.1 [589]              | 219.9 [485]          | 414.0 [16.3]                | 635.0 [25.0] |

# Mechanical Specifications

## General

The units shall be horizontal airflow as shipped and convertible to downflow.

All units shall be factory assembled, piped, internally wired and fully charged with refrigerant. Units shall be certified to UL 60335. Units shall be designed to operate at ambient temperatures as high as 115°F. Cooling performance shall be rated in accordance with AHRI standards. The YC heating/cooling unit design is certified to ANSI 221.47/CSA 2.3, specifically for outdoor applications using natural gas or propane. All units shall be designed for outdoor rooftop or ground level installation.

## Unit Casing

All components shall be mounted in a weather-resistant steel cabinet with an enamel finish. Access panels shall be provided for unit controls and indoor coil and fans. Indoor air section compartment shall be completely insulated with fireproof, permanent, odorless fiber material. Knockouts shall be provided for utility and control connections. Drain connections shall be provided to accommodate indoor water runoff.

## Compressor

The compressor shall be hermetically sealed, high efficiency scroll compressors. Internal overcurrent and over temperature protection, internal pressure relief shall be standard. Other features include centrifugal oil pump, low vibration and noise.

## Refrigeration System

All units shall have refrigerant control. Service pressure tap ports and a refrigerant line filter shall be standard.

**Evaporator Coil (2 to 4 Ton Models)** All aluminum micro channel, extruded tubes, mechanically bonded to aluminum fins, and factory pressure tested at 480 psig and leak tested at 250 to 300 psig. All units have TXV to control refrigerant flow.

**Evaporator Coil (5 Ton Model)** Internally enhanced 3/8-in OD seamless copper tubing mechanically bonded to aluminum fins, factory pressure tested at 480 psig and leak tested at 250 to 300 psig. All units have TXV to control refrigerant flow.

## Condenser Coil

The Spine Fin™ condenser coil shall be continuously wrapped, corrosion resistant all aluminum with minimum brazed joints. This coil is 3/8-in OD seamless aluminum tubing glued to a continuous aluminum fin. 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.

## Indoor Air Fan

Constant Torque, forward-curved, centrifugal wheel in a Composite Vortica® Blower housing. Motor shall have thermal overload protection and permanently lubricated motor bearings. Motor/blower assembly isolated from unit with rubber mounts.

## Outdoor Fan

One direct-drive, statically and dynamically balanced propeller fan shall be used in a draw-through vertical discharge configuration. Permanently lubricated weather proof motor shall have built-in thermal overload protection.

## System Controls

System controls include condenser fan, evaporator fan and compressor contactors.

## Accessories Roof Curb

The roof curb shall be designed to mate with the unit and provide support and complete weathertight installation when properly installed. Adhesive back polyurethane sealing strips shall be provided to ensure an airtight seal between supply and return openings of the curb and unit. The roof curb design allows field fabricated ductwork to be connected directly to the curb. Curb ships knocked down for field assembly, and includes factory installed wood nailer strips.

## Heating System

### **Gas-Fired Heating Section**

Models shall provide completely assembled, wired and piped gas fired heating systems within unit. Design certified by UL, specifically for outdoor application. Threaded gas connection on the unit.

### **Electric Ignition System**

Main burner is lit each time thermostat calls for heat. Flame sensor proves flame and keeps the main burner on. Should a loss of flame occur, the main valve closes and the spark recurs within 0.8 seconds. When thermostat is satisfied, main burner is extinguished.

### **Forced Combustion Blower**

Insures flame stability under varying wind conditions. Gives higher combustion efficiency and location flexibility.

### **Heat Exchanger**

Stainless steel tubes. Free floating design.

### **Burners**

Stainless steel. Multi-port inshot.

### **Single Source Power Entry**

This accessory when used with electric heat accessory shall allow single source power connection to unit and heater combination. Single source power entry kits shall have specific matching heater(s). Kit shall include high voltage terminal blocks, fuse blocks and fuses, cut-to-length interconnecting wiring, and junction box (if required) to provide power sources with fuse protection as required for both the unit and accessory heater. Kit components shall install within the heater cabinet in the heater access section. Single source branch power circuit shall be protected and wired in accordance with local codes.

### **Manual Outside Air Dampers**

Rain hood and screen shall be field installed. Suitable for up to 25% outside air.

### **Start Kit**

Extra compressor starting capacity for single phase equipment.

### **Control Options**

#### **Standard Indoor Thermostats**

Two stage heating/cooling or one stage heating/cooling thermostats shall be available in either manual or automatic changeover.

#### **Programmable Electronic Night Setting Thermostat**

Programmable electronic thermostat shall provide heating setback and cooling setup with 7-day programming capability. 1H/1C or 2H/2C models available.





#### About Trane and American Standard Heating and Air Conditioning

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