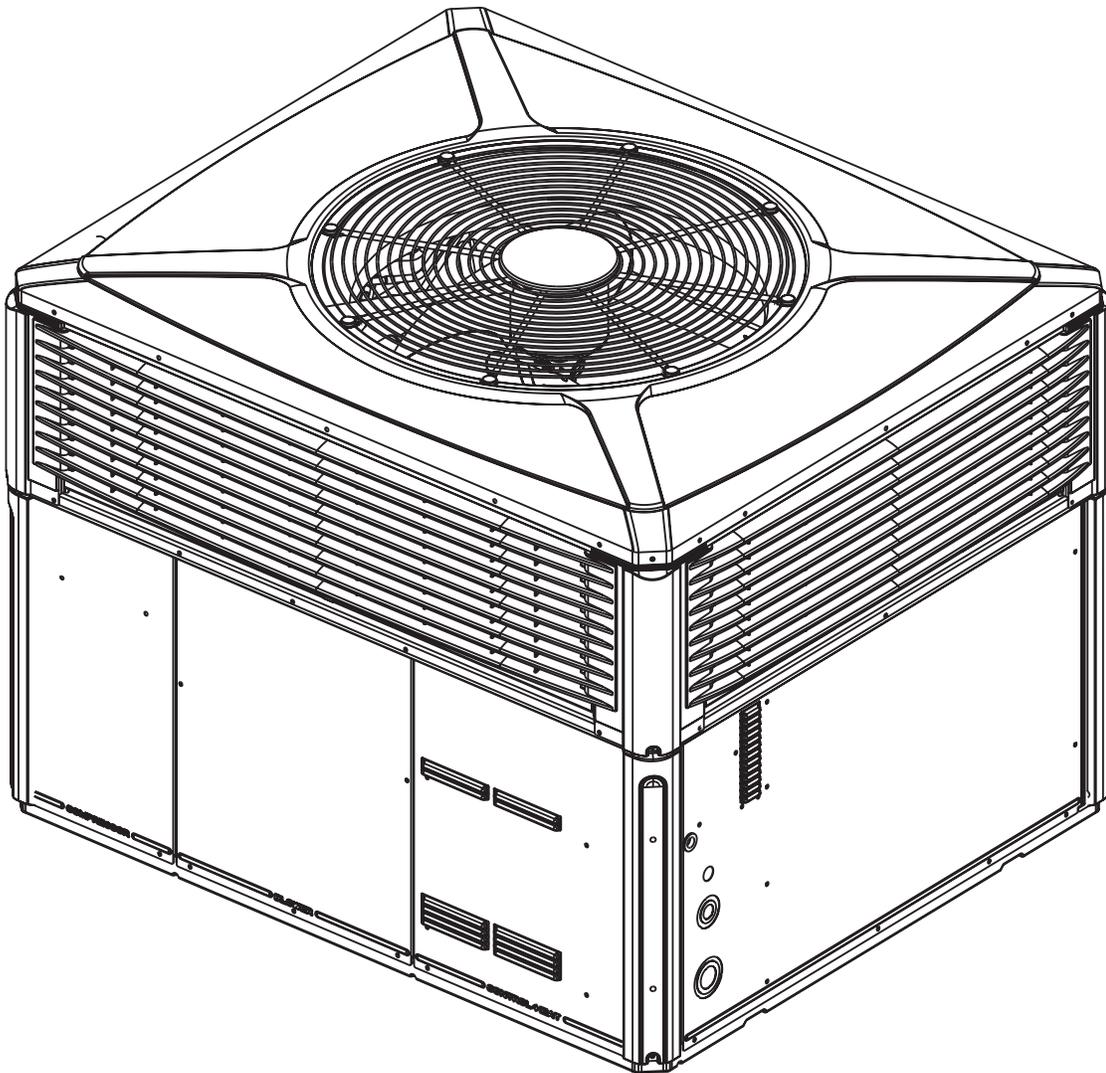


# Product Data

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**4WCZ6024 through 4WCZ6060**  
**Single Packaged Convertible Heat Pump**  
**16 SEER**  
**2 - 5 Ton**

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# It's Hard to Stop a Trane.

## Single Packaged Electric Heat Pump System

Trane offers a complete family of electric heat pump heating and cooling systems, designed to keep you comfortable all year long, regardless of the weather, while keeping your operating costs as low as possible. A heat pump operates efficiently as both an air conditioner and a heater. In the summer, the heat pump cools your home just like any other air conditioner by pulling the heat from the inside and releasing it outdoors. In the winter, it captures the heat that is always present in the outdoor air and transfers it indoors.

## Introducing the new TRANE Single Packaged Electric Heat Pump System.

**Single Packaged Electric Heat Pump Systems are easy and versatile to install.** Because cooling and heating functions are all contained in a single cabinet, a Trane packaged heat pump 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 Trane thermostat control and air distribution ducts, you have a highly efficient, total home comfort system.

**Single Packaged Electric Heat Pump 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 Climatuff® 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.

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# Optional Equipment

OPTIONAL EQUIPMENT FOR PACKAGED UNITS (check mark [✓] indicates accessories included)

|   |                |
|---|----------------|
| Hinged Filter Access Door (4WCZ6024-036) ⑩                              | BAYACCDOR1A[ ] |
| Hinged Filter Access Door (4WCZ6048-060) ⑩                              | BAYACCDOR2A[ ] |
| Roof Curb Full Perimeter (4WCZ6024-036) ③                               | BAYCURB050A[ ] |
| Roof Curb Full Perimeter (4WCZ6048-060) ③                               | BAYCURB051A[ ] |
| Roof Curb Utility Extension Kit (BAYCURB050A)                           | BAYUTIL101B[ ] |
| Roof Curb Utility Extension Kit (BAYCURB051A)                           | BAYUTIL102B[ ] |
| 0-25% Motorized Outside Air Damper (4WCZ6024-036)                       | BAYDMPR101A[ ] |
| 0-25% Motorized Outside Air Damper (4WCZ6048-060)                       | BAYDMPR102A[ ] |
| Outside Air Control for V.S. Economizer (4WCZ6024-060)                  | BAYOSAC001B[ ] |
| 0-25% Manual Fresh Air Damper (4WCZ6024-036) ①⑨                         | BAYOSAH001A[ ] |
| 0-25% Manual Fresh Air Damper (4WCZ6048-060) ①⑨                         | BAYOSAH002A[ ] |
| 16" Round Duct Adapter (2 per box) (4WCZ6024-036) ⑥                     | BAYSQRD001A[ ] |
| 18" Round Duct Adapter (2 per box) (4WCZ6024-060) ⑥                     | BAYSQRD002A[ ] |
| 0-100% Mod Economizer w/Baro. Relief (4WCZ6024-036) ①②④                 | BAYECON103A[ ] |
| 0-100% Mod. Economizer w/Baro. Relief (4WCZ6048-060) ①②④                | BAYECON104A[ ] |
| 0-100% Horizontal Economizer (4WCZ6024-036) ①②                          | BAYECON203A[ ] |
| 0-100% Horizontal Economizer (4WCZ6048-060) ①②                          | BAYECON204A[ ] |
| Economizer Relay Kit (required for Heat Pump applications)              | BAYRLAY006A[ ] |
| Enthalpy Control for Economizer (solid state)                           | BAYENTH001A[ ] |
| Remote Potentiometer (All-BAYECON***A)                                  | BAYSTAT023[ ]  |
| 1"-2" Filter Frame (4WCZ6024-036) (20 x 25 filter not included) ①       | BAYFLTR101B[ ] |
| 1"-2" Filter Frame (4WCZ6048-060) (20 x 20,20X18 filter not included) ① | BAYFLTR201B[ ] |
| Evaporator Defrost Control (Low Ambient Cooling) Kit ⑤                  | BAYLOAM011A[ ] |
| Head Pressure Control (Low Ambient Cool) (208/240v) Kit ⑤               | BAYLOAM105A[ ] |
| Crankcase Heater Scroll (4WCZ6048-060 1/3,060 1/3)(230v) ⑤              | BAYCCHT102A[ ] |
| Crankcase Heater Scroll (4WCZ6024-036)(230v) ⑤                          | BAYCCHT103A[ ] |
| Crankcase Heater Scroll (4WCZ6048, 060)(460v) ⑤                         | BAYCCHT404B[ ] |
| Crankcase Heater Scroll (4WCZ6036)(460v) ⑤                              | BAYCCHT405A[ ] |
| Adapter Curb 4WCZ6024-036 to BAYCURB030,38                              | BAYADAP050A[ ] |
| Adapter Curb 4WCZ6024-036 to BAYCURB033                                 | BAYADAP051A[ ] |
| Adapter Curb 4WCZ6048-060A to BAYCURB030,38                             | BAYADAP052A[ ] |
| Adapter Curb 4WCZ6048-060A to BAYCURB033                                | BAYADAP053A[ ] |
| Adapter Curb 4WCZ6048-060A to BAYCURB034                                | BAYADAP054A[ ] |
| 12" Duct Shroud Covers Horizontal 4WCZ6024-060 ⑦                        | BAYCOVR112A[ ] |
| 18" Duct Shroud Covers Horizontal 4WCZ6024-060 ⑦                        | BAYCOVR118A[ ] |
| Extreme Condition Mounting Kit - All BAYCURB & BAYADAP                  | BAYEXMK001A[ ] |
| Extreme Condition Mounting Kit - All BAYUTIL                            | BAYEXMK002A[ ] |
| Extreme Condition Mounting Kit - All Slab Mounts                        | BAYEXMK003A[ ] |
| Lifting Lug Kit BAYLIFT002B[ ]  |                |

- NOTES: ① Must use internal filter frame when economizer or fresh air kit is used.  
 ② Dry bulb control standard with economizer.  
 ③ Ships knocked down.  
 ④ Downflow only.  
 ⑤ Low Ambient cooling requires crankcase heater (BAYCCHT---A).  
 ⑥ It is the responsibility of the installing dealer to properly size the ductwork for each specific application.  
 ⑦ BAYCOVR112,118A will not cover BAYSQRD002A applications.  
 ⑧ BAYOSAH001A and BAYOSAH002A are not compatible with BAYACCDOR1A or BAYACCDOR2A.  
 ⑨ BAYACCDOR1A requires BAYFLTR101B & BAYACCDOR2A requires BAYFLTR201B. They are not backward compatible to BAYFLTR101/201A.

# General Data

|   |                           |
|---|---------------------------|
| <b>MODEL</b>                            | 4WCZ6024A1000A            |
| <b>RATED Volts/Ph/Hz</b>                | 208-230/1/60              |
| <b>Performance Cooling</b>              |                           |
| BTUH (High)                             | 24000                     |
| Indoor Airflow (CFM)                    | 800                       |
| Power Input (KW)                        | 1.84                      |
| BTUH (Low)                              | 20300                     |
| Indoor Airflow (CFM)                    | 620                       |
| Power Input (KW)                        | 1.1                       |
| EER - HI / LOW / SEER                   | 12.0/18.4/16.0            |
| Sound Power Rating [dB(A)] <sup>②</sup> | 66.8                      |
| <b>Performance Heating<sup>①</sup></b>  |                           |
| (High Temp.)BTUH / COP (High)           | 20200 / 3.60              |
| Power Input (KW)                        | 1.68                      |
| (Low Temp.) BTUH / COP (High)           | 11300 / 2.17              |
| Power Input (KW)                        | 1.53                      |
| (High Temp.)BTUH / COP (Low)            | 15100 / 3.44              |
| Power Input (KW)                        | 1.29                      |
| (Low Temp.) BTUH / COP (Low)            | 8300 / 1.96               |
| Power Input (KW)                        | 1.24                      |
| HSPF (BTU / Watt-Hr.) <sup>⑥</sup>      | 8.2                       |
| <b>POWER CONN.—V/Ph/Hz</b>              | 208-230/1/60              |
| Min. Brch. Cir. Ampacity <sup>③</sup>   | 19.5                      |
| Fuse Size — Max. / Recmd. (amps)        | 30 / 30                   |
| <b>COMPRESSOR</b>                       | 2-STAGE SCROLL            |
| Volts/Ph/Hz                             | 208-230/1/60              |
| R.L. Amps — L.R. Amps                   | 11.7 / 58.3               |
| <b>OUTDOOR COIL — TYPE</b>              | SPINE-FIN                 |
| Rows/F.P.I.                             | 2 / 24                    |
| Face Area (sq.ft.)                      | 15.49                     |
| Tube Size (in.)                         | 3/8                       |
| Refrigerant Control                     | EXPANSION VALVE           |
| <b>INDOOR COIL — TYPE</b>               | PLATE FIN                 |
| Rows/F.P.I.                             | 4 / 15                    |
| Face Area (sq.ft.)                      | 3.54                      |
| Tube Size (in.)                         | 3/8                       |
| Refrigerant Control                     | EXPANSION VALVE           |
| Drain Conn. Size (in.)                  | 3/4 FEMALE NPT            |
| <b>OUTDOOR FAN — TYPE</b>               | PROPELLER                 |
| Dia. (in.)                              | 23.4                      |
| Drive/No. Speeds                        | DIRECT / 1                |
| CFM @ 0.0 in. w.g. <sup>④</sup>         | 2550                      |
| Motor — HP/R.P.M.                       | 1/12 / 810                |
| Volts/Ph/Hz                             | 208-230/1/60              |
| F.L. Amps/L.R. Amps                     | 0.54 / 0.82               |
| <b>INDOOR FAN — TYPE</b>                | CENTRIFUGAL               |
| Dia x Width (in.)                       | 10 X 10                   |
| Drive/No. Speeds                        | DIRECT / VARIABLE         |
| CFM @ 0.0 in. w.g. <sup>⑤</sup>         | SEE FAN PERFORMANCE TABLE |
| Motor — HP/R.P.M.                       | 1/2 / VARIABLE            |
| Volts/Ph/Hz                             | 208-230/1/60              |
| F.L. Amps/L.R. Amps                     | 4.3 / 4.3                 |
| <b>FILTER / FURNISHED</b>               | NO                        |
| Type Recommended                        | THROWAWAY                 |
| Recmd. Face Area (sq. ft.) <sup>⑦</sup> | 4.0                       |
| <b>REFRIGERANT / Charge (lbs.)</b>      | R410A / 8.06              |
| <b>DIMENSIONS</b>                       | H X W X L                 |
| Crated (in.)                            | 48 / 45 / 52              |
| <b>WEIGHT / Shipping / Net (lbs.)</b>   | 442 / 372                 |

# General Data

| MODEL                                   | 4WCZ6036B1000A            | 4WCZ6036B3000A            | 4WCZ6036B4000A            |
|---|---------------------------|---------------------------|---------------------------|
| <b>RATED Volts/PH/Hz</b>                | 208-230/1/60              | 208-230/3/60              | 460/3/60                  |
| <b>Performance Cooling</b>              |                           |                           |                           |
| BTUH (High)                             | 36000                     | 36000                     | 36000                     |
| Indoor Airflow (CFM)                    | 1125                      | 1125                      | 1125                      |
| Power Input (KW)                        | 2.89                      | 2.89                      | 2.89                      |
| BTUH (Low)                              | 28800                     | 28800                     | 28800                     |
| Indoor Airflow (CFM)                    | 825                       | 825                       | 825                       |
| Power Input (KW)                        | 1.65                      | 1.65                      | 1.65                      |
| EER - HI / LOW / SEER                   | 12.2 / 17.45 / 16         | 12.2 / 17.45 / 16         | 12.2 / 17.45 / 16         |
| Sound Power Rating [dB(A)] <sup>②</sup> | 70                        | 70                        | 70                        |
| <b>Performance Heating<sup>①</sup></b>  |                           |                           |                           |
| (High Temp.) BTUH / COP (High)          | 31000 / 3.43              | 31000 / 3.43              | 31000 / 3.43              |
| Power Input (KW)                        | 2.65                      | 2.65                      | 2.65                      |
| (Low Temp.) BTUH / COP (High)           | 19200 / 2.30              | 19200 / 2.30              | 19200 / 2.30              |
| Power Input (KW)                        | 2.45                      | 2.45                      | 2.45                      |
| (High Temp.) BTUH / COP (Low)           | 22400 / 3.43              | 22400 / 3.43              | 22400 / 3.43              |
| Power Input (KW)                        | 1.92                      | 1.92                      | 1.92                      |
| (Low Temp.) BTUH / COP (Low)            | 12000 / 1.89              | 12000 / 1.89              | 12000 / 1.89              |
| Power Input (KW)                        | 1.86                      | 1.86                      | 1.86                      |
| HSPF (BTU / Watt-Hr.) <sup>⑥</sup>      | 8.3                       | 8.3                       | 8.3                       |
| <b>POWER CONN. — V/Ph/Hz</b>            | 208-230/1/60              | 208-230/3/60              | 460/3/60                  |
| Min. Brch. Cir. Ampacity <sup>③</sup>   | 24.3                      | 19.7                      | 11.9                      |
| Fuse Size — Max. / Recmd. (amps)        | 35 / 35                   | 30 / 30                   | 15 / 15                   |
| <b>COMPRESSOR</b>                       | 2-STAGE SCROLL            | 2-STAGE SCROLL            | SCROLL                    |
| Volts/Ph/Hz                             | 208-230/1/60              | 208-230/3/60              | 460/3/60                  |
| R.L. Amps — L.R. Amps                   | 15.3 / 83                 | 11.6 / 73                 | 5.7 / 38                  |
| <b>OUTDOOR COIL — TYPE</b>              | SPINE-FIN                 | SPINE-FIN                 | SPINE-FIN                 |
| Rows/F.P.I.                             | 2 / 24                    | 2 / 24                    | 2 / 24                    |
| Face Area (sq.ft.)                      | 15.49                     | 15.49                     | 15.49                     |
| Tube Size (in.)                         | 3/8                       | 3/8                       | 3/8                       |
| Refrigerant Control                     | EXPANSION VALVE           | EXPANSION VALVE           | EXPANSION VALVE           |
| <b>INDOOR COIL — TYPE</b>               | PLATE FIN                 | PLATE FIN                 | PLATE FIN                 |
| Rows/F.P.I.                             | 4 / 15                    | 4 / 15                    | 4 / 15                    |
| Face Area (sq.ft.)                      | 3.54                      | 3.54                      | 3.54                      |
| Tube Size (in.)                         | 3/8                       | 3/8                       | 3/8                       |
| Refrigerant Control                     | EXPANSION VALVE           | EXPANSION VALVE           | EXPANSION VALVE           |
| Drain Conn. Size (in.)                  | 3/4 FEMALE NPT            | 3/4 FEMALE NPT            | 3/4 FEMALE NPT            |
| <b>OUTDOOR FAN — TYPE</b>               | PROPELLER                 | PROPELLER                 | PROPELLER                 |
| Dia. (in.)                              | 23.4                      | 23.4                      | 23.4                      |
| Drive/No. Speeds                        | DIRECT / 1                | DIRECT / 1                | DIRECT / 1                |
| CFM @ 0.0 in. w.g. <sup>④</sup>         | 3020                      | 3020                      | 3020                      |
| Motor — HP/R.P.M.                       | 1/6 / 830                 | 1/6 / 830                 | 1/6 / 830                 |
| Volts/Ph/Hz                             | 208-230/1/60              | 208-230/1/60              | 460/1/60                  |
| F.L. Amps/L.R. Amps                     | 0.9 / 1.65                | 0.9 / 1.65                | 0.5 / 0.84                |
| <b>INDOOR FAN — TYPE</b>                | CENTRIFUGAL               | CENTRIFUGAL               | CENTRIFUGAL               |
| Dia x Width (in.)                       | 10 X 10                   | 10 X 10                   | 10 X 10                   |
| Drive/No. Speeds                        | DIRECT / VARIABLE         | DIRECT / VARIABLE         | DIRECT / VARIABLE         |
| CFM @ 0.0 in. w.g. <sup>⑤</sup>         | SEE FAN PERFORMANCE TABLE | SEE FAN PERFORMANCE TABLE | SEE FAN PERFORMANCE TABLE |
| Motor — HP/R.P.M.                       | 1/2 / VARIABLE            | 1/2 / VARIABLE            | 1/2 / VARIABLE            |
| Volts/Ph/Hz                             | 208-230/1/60              | 208-230/1/60              | 208-230/1/60              |
| F.L. Amps/L.R. Amps                     | 4.3 / 4.3                 | 4.3 / 4.3                 | 4.3 / 4.3                 |
| <b>FILTER / FURNISHED</b>               | NO                        | NO                        | NO                        |
| Type Recommended                        | THROWAWAY                 | THROWAWAY                 | THROWAWAY                 |
| Recmd. Face Area (sq. ft.) <sup>⑦</sup> | 4.0                       | 4.0                       | 4.0                       |
| <b>REFRIGERANT / Charge (lbs.)</b>      | R410A / 7.8               | R410A / 7.8               | R410A / 7.8               |
| <b>DIMENSIONS</b>                       | H X W X L                 | H X W X L                 | H X W X L                 |
| Crated (in.)                            | 47.86 / 44.5 / 52.03      | 47.86 / 44.5 / 52.03      | 47.86 / 44.5 / 52.03      |
| <b>WEIGHT / Shipping / Net (lbs.)</b>   | 468 / 372                 | 468 / 372                 | 468 / 372                 |

① Certified in accordance with the Unitary Air-Conditioner Equipment certification program, which is based on ARI Standard 210/240.

② Sound Power values are not adjusted for ARI 270-95 tonal corrections.

③ Calculated in accordance with currently prevailing Nat'l Electrical Code.

④ Standard Air — Dry Coil — Outdoor.

⑤ Standard Air — Wet Coil — Indoor.

⑥ Rated in accordance with D.O.E. test procedure.

⑦ Filters must be installed in return air system. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendations with clean resistance of 0.05" W.C.

# General Data

| <b>MODEL</b>                            | 4WCZ6048B1000A            | 4WCZ6048B3000A            | 4WCZ6048B4000A            |
|---|---------------------------|---------------------------|---------------------------|
| <b>RATED Volts/Ph/Hz</b>                | 208-230/1/60              | 208-230/3/60              | 460/3/60                  |
| <b>Performance Cooling</b>              |                           |                           |                           |
| BTUH (High)                             | 47500                     | 47500                     | 47500                     |
| Indoor Airflow (CFM)                    | 1575                      | 1575                      | 1575                      |
| Power Input (KW)                        | 3.42                      | 3.42                      | 3.42                      |
| BTUH (Low)                              | 39000                     | 39000                     | 39000                     |
| Indoor Airflow (CFM)                    | 1150                      | 1150                      | 1150                      |
| Power Input (KW)                        | 2.22                      | 2.22                      | 2.22                      |
| EER - HI / LOW / SEER                   | 12.0 / 17.5 / 16.0        | 12.0 / 17.5 / 16.0        | 12.0 / 17.5 / 16.0        |
| Sound Power Rating [dB(A)] <sup>②</sup> | 72                        | 72                        | 72                        |
| <b>Performance Heating<sup>①</sup></b>  |                           |                           |                           |
| (High Temp.)BTUH / COP (High)           | 42000 / 3.83              | 42000 / 3.83              | 42000 / 3.83              |
| Power Input (KW)                        | 3.32                      | 3.32                      | 3.32                      |
| (Low Temp.) BTUH / COP (High)           | 23200 / 2.27              | 23200 / 2.27              | 23200 / 2.27              |
| Power Input (KW)                        | 2.99                      | 2.99                      | 2.99                      |
| (High Temp.)BTUH / COP (Low)            | 31200 / 3.77              | 31200 / 3.77              | 31200 / 3.77              |
| Power Input (KW)                        | 2.4                       | 2.4                       | 2.4                       |
| (Low Temp.) BTUH / COP (Low)            | 17000 / 2.12              | 17000 / 2.12              | 17000 / 2.12              |
| Power Input (KW)                        | 2.32                      | 2.32                      | 2.32                      |
| HSPF (BTU / Watt-Hr.) <sup>⑥</sup>      | 8.5                       | 8.5                       | 8.5                       |
| <b>POWER CONN.—V/Ph/Hz</b>              | 208-230/1/60              | 208-230/3/60              | 460/3/60                  |
| Min. Brch. Cir. Ampacity <sup>③</sup>   | 34.2                      | 25.2                      | 15.3                      |
| Fuse Size — Max. / Recmd. (amps)        | 50 / 50                   | 35 / 35                   | 20 / 20                   |
| <b>COMPRESSOR</b>                       | 2-STAGE SCROLL            | 2-STAGE SCROLL            | 2-STAGE SCROLL            |
| Volts/Ph/Hz                             | 208-230/1/60              | 208-230/3/60              | 460/3/60                  |
| R.L. Amps — L.R. Amps                   | 21.2 / 104.0              | 14 / 83.1                 | 6.4 / 41.0                |
| <b>OUTDOOR COIL — TYPE</b>              | SPINE-FIN                 | SPINE-FIN                 | SPINE-FIN                 |
| Rows/F.P.I.                             | 2 / 24                    | 2 / 24                    | 2 / 24                    |
| Face Area (sq.ft.)                      | 23.57                     | 23.57                     | 23.57                     |
| Tube Size (in.)                         | 3/8                       | 3/8                       | 3/8                       |
| Refrigerant Control                     | EXPANSION VALVE           | EXPANSION VALVE           | EXPANSION VALVE           |
| <b>INDOOR COIL — TYPE</b>               | PLATE FIN                 | PLATE FIN                 | PLATE FIN                 |
| Rows/F.P.I.                             | 4 / 15                    | 4 / 15                    | 4 / 15                    |
| Face Area (sq.ft.)                      | 5.0                       | 5.0                       | 5.0                       |
| Tube Size (in.)                         | 3/8                       | 3/8                       | 3/8                       |
| Refrigerant Control                     | EXPANSION VALVE           | EXPANSION VALVE           | EXPANSION VALVE           |
| Drain Conn. Size (in.)                  | 3/4 FEMALE NPT            | 3/4 FEMALE NPT            | 3/4 FEMALE NPT            |
| <b>OUTDOOR FAN — TYPE</b>               | PROPELLER                 | PROPELLER                 | PROPELLER                 |
| Dia. (in.)                              | 28.2                      | 28.2                      | 28.2                      |
| Drive/No. Speeds                        | DIRECT / 1                | DIRECT / 1                | DIRECT / 1                |
| CFM @ 0.0 in. w.g. <sup>④</sup>         | 4220                      | 4220                      | 4220                      |
| Motor — HP/R.P.M.                       | 1/6 / 830                 | 1/6 / 830                 | 1/6 / 830                 |
| Volts/Ph/Hz                             | 208-230/1/60              | 208-230/1/60              | 460/1/60                  |
| F.L. Amps/L.R. Amps                     | 0.9 / 1.65                | 0.9 / 1.65                | 0.5 / 0.84                |
| <b>INDOOR FAN — TYPE</b>                | CENTRIFUGAL               | CENTRIFUGAL               | CENTRIFUGAL               |
| Dia x Width (in.)                       | 10 X 10                   | 10 X 10                   | 10 X 10                   |
| Drive/No. Speeds                        | DIRECT / VARIABLE         | DIRECT / VARIABLE         | DIRECT / VARIABLE         |
| CFM @ 0.0 in. w.g. <sup>⑤</sup>         | SEE FAN PERFORMANCE TABLE | SEE FAN PERFORMANCE TABLE | SEE FAN PERFORMANCE TABLE |
| Motor — HP/R.P.M.                       | 3/4 / VARIABLE            | 3/4 / VARIABLE            | 3/4 / VARIABLE            |
| Volts/Ph/Hz                             | 208-230/1/60              | 208-230/1/60              | 208-230/1/60              |
| F.L. Amps/L.R. Amps                     | 6.8 / 6.8                 | 6.8 / 6.8                 | 6.8 / 6.8                 |
| <b>FILTER / FURNISHED</b>               | NO                        | NO                        | NO                        |
| Type Recommended                        | THROWAWAY                 | THROWAWAY                 | THROWAWAY                 |
| Recmd. Face Area (sq. ft.) <sup>⑦</sup> | 5.3                       | 5.3                       | 5.3                       |
| <b>REFRIGERANT / Charge (lbs.)</b>      | R410A / 8.8               | R410A / 8.8               | R410A / 8.8               |
| <b>DIMENSIONS</b>                       | H X W X L                 | H X W X L                 | H X W X L                 |
| Crated (in.)                            | 52.0 / 47.0 / 62.0        | 52.0 / 47.0 / 62.0        | 52.0 / 47.0 / 62.0        |
| <b>WEIGHT / Shipping / Net (lbs.)</b>   | 607 / 479                 | 607 / 479                 | 607 / 479                 |

① Certified in accordance with the Unitary Air-Conditioner Equipment certification program, which is based on ARI Standard 210/240.

② Sound Power values are not adjusted for ARI 270-95 tonal corrections.

③ Calculated in accordance with currently prevailing Nat'l Electrical Code.

④ Standard Air — Dry Coil — Outdoor.

⑤ Standard Air — Wet Coil — Indoor.

⑥ Rated in accordance with D.O.E. test procedure.

⑦ Filters must be installed in return air system. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendations with clean resistance of 0.05" W.C.

# General Data

| <b>MODEL</b>                            | 4WCZ6060B1000A            | 4WCZ6060B3000A            | 4WCZ6060B4000A            |
|---|---------------------------|---------------------------|---------------------------|
| <b>RATED Volts/Ph/Hz</b>                | 208-230/1/60              | 208-230/3/60              | 460/3/60                  |
| <b>Performance Cooling</b>              |                           |                           |                           |
| BTUH (High)                             | 57000                     | 57000                     | 57000                     |
| Indoor Airflow (CFM)                    | 1780                      | 1780                      | 1780                      |
| Power Input (KW)                        | 4.97                      | 4.97                      | 4.97                      |
| BTUH (Low)                              | 44500                     | 44500                     | 44500                     |
| Indoor Airflow (CFM)                    | 1250                      | 1250                      | 1250                      |
| Power Input (KW)                        | 2.79                      | 2.79                      | 2.79                      |
| EER - HI / LOW / SEER                   | 11.5 / 15.9 / 15.0        | 11.5 / 15.9 / 15.0        | 11.5 / 15.9 / 15.0        |
| Sound Power Rating [dB(A)] <sup>②</sup> | 74                        | 74                        | 74                        |
| <b>Performance Heating<sup>①</sup></b>  |                           |                           |                           |
| (High Temp.) BTUH / COP (High)          | 53500 / 3.5               | 53500 / 3.5               | 53500 / 3.5               |
| Power Input (KW)                        | 4.45                      | 4.45                      | 4.45                      |
| (Low Temp.) BTUH / COP (High)           | 34000 / 2.46              | 34000 / 2.46              | 34000 / 2.46              |
| Power Input (KW)                        | 3.99                      | 3.99                      | 3.99                      |
| (High Temp.) BTUH / COP (Low)           | 37000 / 3.43              | 37000 / 3.43              | 37000 / 3.43              |
| Power Input (KW)                        | 3.19                      | 3.19                      | 3.19                      |
| (Low Temp.) BTUH / COP (Low)            | 19000 / 1.81              | 19000 / 1.81              | 19000 / 1.81              |
| Power Input (KW)                        | 3.02                      | 3.02                      | 3.02                      |
| HSPF (BTU / Watt-Hr.) <sup>③</sup>      | 8.3                       | 8.3                       | 8.3                       |
| <b>POWER CONN.—V/Ph/Hz</b>              | 208-230/1/60              | 208-230/3/60              | 460/3/60                  |
| Min. Brch. Cir. Ampacity <sup>③</sup>   | 42.0                      | 30.0                      | 17                        |
| Fuse Size — Max. / Recmd. (amps)        | 60 / 60                   | 45 / 45                   | 20 / 20                   |
| <b>COMPRESSOR</b>                       | 2-STAGE SCROLL            | 2-STAGE SCROLL            | 2-STAGE SCROLL            |
| Volts/Ph/Hz                             | 208-230/1/60              | 208-230/3/60              | 460/3/60                  |
| R.L. Amps — L.R. Amps                   | 27.1 / 152.9              | 16.5 / 110.0              | 7.2 / 52                  |
| <b>OUTDOOR COIL — TYPE</b>              | SPINE-FIN                 | SPINE-FIN                 | SPINE-FIN                 |
| Rows/F.P.I.                             | 2 / 24                    | 2 / 24                    | 2 / 24                    |
| Face Area (sq.ft.)                      | 23.57                     | 23.57                     | 23.57                     |
| Tube Size (in.)                         | 3/8                       | 3/8                       | 3/8                       |
| Refrigerant Control                     | EXPANSION VALVE           | EXPANSION VALVE           | EXPANSION VALVE           |
| <b>INDOOR COIL — TYPE</b>               | PLATE FIN                 | PLATE FIN                 | PLATE FIN                 |
| Rows/F.P.I.                             | 4 / 15                    | 4 / 15                    | 4 / 15                    |
| Face Area (sq.ft.)                      | 5.0                       | 5.0                       | 5.0                       |
| Tube Size (in.)                         | 3/8                       | 3/8                       | 3/8                       |
| Refrigerant Control                     | EXPANSION VALVE           | EXPANSION VALVE           | EXPANSION VALVE           |
| Drain Conn. Size (in.)                  | 3/4 FEMALE NPT            | 3/4 FEMALE NPT            | 3/4 FEMALE NPT            |
| <b>OUTDOOR FAN — TYPE</b>               | PROPELLER                 | PROPELLER                 | PROPELLER                 |
| Dia. (in.)                              | 28.2                      | 28.2                      | 28.2                      |
| Drive/No. Speeds                        | DIRECT / 1                | DIRECT / 1                | DIRECT / 1                |
| CFM @ 0.0 in. w.g. <sup>④</sup>         | 4700                      | 4700                      | 4700                      |
| Motor — HP/R.P.M.                       | 1/4 / 830                 | 1/4 / 830                 | 1/4 / 830                 |
| Volts/Ph/Hz                             | 208-230/1/60              | 208-230/1/60              | 208-230/1/60              |
| F.L. Amps/L.R. Amps                     | 1.4 / 3.4                 | 1.4 / 3.4                 | 1.4 / 3.4                 |
| <b>INDOOR FAN — TYPE</b>                | CENTRIFUGAL               | CENTRIFUGAL               | CENTRIFUGAL               |
| Dia x Width (in.)                       | 11 X 10                   | 11 X 10                   | 11 X 10                   |
| Drive/No. Speeds                        | DIRECT / VARIABLE         | DIRECT / VARIABLE         | DIRECT / VARIABLE         |
| CFM @ 0.0 in. w.g. <sup>⑤</sup>         | SEE FAN PERFORMANCE TABLE | SEE FAN PERFORMANCE TABLE | SEE FAN PERFORMANCE TABLE |
| Motor — HP/R.P.M.                       | 1 / VARIABLE              | 1 / VARIABLE              | 1 / VARIABLE              |
| Volts/Ph/Hz                             | 208-230/1/60              | 208-230/1/60              | 208-230/1/60              |
| F.L. Amps/L.R. Amps                     | 6.9 / 6.9                 | 6.9 / 6.9                 | 6.9 / 6.9                 |
| <b>FILTER / FURNISHED</b>               | NO                        | NO                        | NO                        |
| Type Recommended                        | THROWAWAY                 | THROWAWAY                 | THROWAWAY                 |
| Recmd. Face Area (sq. ft.) <sup>⑦</sup> | 5.3                       | 5.3                       | 5.3                       |
| <b>REFRIGERANT / Charge (lbs.)</b>      | R410A / 9.8               | R410A / 9.8               | R410A / 9.8               |
| <b>DIMENSIONS</b>                       | H X W X L                 | H X W X L                 | H X W X L                 |
| Crated (in.)                            | 52.0 / 47.0 / 62.0        | 52.0 / 47.0 / 62.0        | 52.0 / 47.0 / 62.0        |
| <b>WEIGHT / Shipping / Net (lbs.)</b>   | 623 / 495                 | 623 / 495                 | 623 / 495                 |

① Certified in accordance with the Unitary Air-Conditioner Equipment certification program, which is based on ARI Standard 210/240.

② Sound Power values are not adjusted for ARI 270-95 tonal corrections.

③ Calculated in accordance with currently prevailing Nat'l Electrical Code.

④ Standard Air — Dry Coil — Outdoor.

⑤ Standard Air — Wet Coil — Indoor.

⑥ Rated in accordance with D.O.E. test procedure.

⑦ Filters must be installed in return air system. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendations with clean resistance of 0.05" W.C.

# Indoor Blower Performance

## Indoor Fan Performance 4WCZ6024

| Horizontal          |      | External Static Pressure (in. wg) |     |     |     |     |     |     |     |     |
|---------------------|------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
|                     |      | 0.1                               | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
| 350 CFM/Ton Setting | Low  | 590                               | 583 | 575 | 571 | 566 | 546 | 525 | 507 | 488 |
|                     | High | 721                               | 724 | 727 | 717 | 706 | 701 | 695 | 678 | 660 |
| 400 CFM/Ton Setting | Low  | 627                               | 624 | 621 | 615 | 608 | 593 | 578 | 559 | 540 |
|                     | High | 801                               | 806 | 811 | 806 | 800 | 789 | 777 | 745 | 712 |
| 450 CFM/Ton Setting | Low  | 672                               | 673 | 673 | 664 | 654 | 648 | 641 | 620 | 599 |
|                     | High | 880                               | 888 | 895 | 894 | 893 | 883 | 872 | 817 | 761 |

| Down Flow           |      | External Static Pressure (in. wg) |     |     |     |     |     |     |     |     |
|---------------------|------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
|                     |      | 0.1                               | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
| 350 CFM/Ton Setting | Low  | 601                               | 588 | 571 | 562 | 563 | 549 | 525 | 517 | 504 |
|                     | High | 734                               | 731 | 722 | 706 | 702 | 706 | 695 | 692 | 681 |
| 400 CFM/Ton Setting | Low  | 638                               | 622 | 619 | 617 | 613 | 600 | 588 | 575 | 554 |
|                     | High | 815                               | 803 | 808 | 808 | 807 | 798 | 791 | 766 | 731 |
| 450 CFM/Ton Setting | Low  | 676                               | 676 | 678 | 668 | 656 | 646 | 642 | 641 | 632 |
|                     | High | 885                               | 892 | 902 | 900 | 896 | 881 | 874 | 844 | 803 |

## Indoor Fan Performance 4WCZ6036

| Horizontal          |      | External Static Pressure (in. wg) |      |      |      |      |      |      |      |      |     |   |
|---------------------|------|-----------------------------------|------|------|------|------|------|------|------|------|-----|---|
|                     |      | 0                                 | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9 | 1 |
| 350 CFM/Ton Setting | Low  | -                                 | 741  | 743  | 744  | 744  | 743  | 742  | 740  | 737  | -   | - |
|                     | High | -                                 | 1059 | 1062 | 1063 | 1063 | 1062 | 1059 | 1057 | 1053 | -   | - |
| 400 CFM/Ton Setting | Low  | -                                 | 825  | 837  | 843  | 844  | 844  | 842  | 839  | 836  | -   | - |
|                     | High | -                                 | 1179 | 1196 | 1204 | 1206 | 1205 | 1203 | 1199 | 1194 | -   | - |
| 450 CFM/Ton Setting | Low  | -                                 | 976  | 964  | 959  | 957  | 953  | 949  | 945  | 945  | -   | - |
|                     | High | -                                 | 1394 | 1377 | 1371 | 1367 | 1362 | 1355 | 1350 | 1350 | -   | - |

| Down Flow           |      | External Static Pressure (in. wg) |      |      |      |      |      |      |      |      |     |   |
|---------------------|------|-----------------------------------|------|------|------|------|------|------|------|------|-----|---|
|                     |      | 0                                 | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9 | 1 |
| 350 CFM/Ton Setting | Low  | -                                 | 722  | 745  | 747  | 744  | 742  | 743  | 744  | 736  | -   | - |
|                     | High | -                                 | 1032 | 1064 | 1066 | 1063 | 1060 | 1062 | 1063 | 1052 | -   | - |
| 400 CFM/Ton Setting | Low  | -                                 | 830  | 841  | 842  | 840  | 839  | 836  | 836  | 826  | -   | - |
|                     | High | -                                 | 1186 | 1201 | 1203 | 1201 | 1198 | 1197 | 1194 | 1184 | -   | - |
| 450 CFM/Ton Setting | Low  | -                                 | 976  | 965  | 964  | 963  | 956  | 946  | 941  | 949  | -   | - |
|                     | High | -                                 | 1397 | 1376 | 1377 | 1376 | 1366 | 1354 | 1344 | 1356 | -   | - |

# Indoor Blower Performance

## Indoor Fan Performance 4WCZ6048

| Horizontal          |      | External Static Pressure (in. wg) |      |      |      |      |      |      |      |      |     |     |
|---------------------|------|-----------------------------------|------|------|------|------|------|------|------|------|-----|-----|
|                     |      | 0.0                               | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9 | 1.0 |
| 350 CFM/Ton Setting | Low  | -                                 | 954  | 973  | 977  | 973  | 966  | 957  | 950  | 944  | -   | -   |
|                     | High | -                                 | 1363 | 1390 | 1396 | 1390 | 1379 | 1366 | 1356 | 1349 | -   | -   |
| 400 CFM/Ton Setting | Low  | -                                 | 1121 | 1106 | 1104 | 1106 | 1106 | 1106 | 1104 | 1097 | -   | -   |
|                     | High | -                                 | 1601 | 1560 | 1577 | 1560 | 1563 | 1563 | 1577 | 1567 | -   | -   |
| 450 CFM/Ton Setting | Low  | -                                 | 1223 | 1254 | 1266 | 1271 | 1266 | 1264 | 1261 | 1256 | -   | -   |
|                     | High | -                                 | 1747 | 1792 | 1811 | 1816 | 1812 | 1806 | 1801 | 1797 | -   | -   |

| Down Flow           |      | External Static Pressure (in. wg) |      |      |      |      |      |      |      |      |     |     |
|---------------------|------|-----------------------------------|------|------|------|------|------|------|------|------|-----|-----|
|                     |      | 0.0                               | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9 | 1.0 |
| 350 CFM/Ton Setting | Low  | -                                 | 946  | 977  | 977  | 970  | 969  | 975  | 979  | 962  | -   | -   |
|                     | High | -                                 | 1354 | 1396 | 1396 | 1366 | 1364 | 1393 | 1399 | 1375 | -   | -   |
| 400 CFM/Ton Setting | Low  | -                                 | 1102 | 1106 | 1109 | 1113 | 1116 | 1119 | 1120 | 1118 | -   | -   |
|                     | High | -                                 | 1574 | 1560 | 1565 | 1569 | 1594 | 1599 | 1601 | 1597 | -   | -   |
| 450 CFM/Ton Setting | Low  | -                                 | 1295 | 1277 | 1272 | 1273 | 1274 | 1273 | 1272 | 1273 | -   | -   |
|                     | High | -                                 | 1651 | 1624 | 1617 | 1616 | 1620 | 1619 | 1617 | 1619 | -   | -   |

## Indoor Fan Performance 4WCZ6060

| Horizontal          |      | External Static Pressure (in. wg) |      |      |      |      |      |      |      |      |     |     |
|---------------------|------|-----------------------------------|------|------|------|------|------|------|------|------|-----|-----|
|                     |      | 0.0                               | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9 | 1.0 |
| 350 CFM/Ton Setting | Low  | -                                 | 1163 | 1236 | 1259 | 1256 | 1246 | 1240 | 1237 | 1230 | -   | -   |
|                     | High | -                                 | 1662 | 1766 | 1799 | 1794 | 1760 | 1771 | 1767 | 1757 | -   | -   |
| 400 CFM/Ton Setting | Low  | -                                 | 1443 | 1427 | 1422 | 1422 | 1423 | 1422 | 1418 | 1410 | -   | -   |
|                     | High | -                                 | 2062 | 2036 | 2031 | 2032 | 2034 | 2032 | 2025 | 2015 | -   | -   |

| Down Flow           |      | External Static Pressure (in. wg) |      |      |      |      |      |      |      |      |     |     |
|---------------------|------|-----------------------------------|------|------|------|------|------|------|------|------|-----|-----|
|                     |      | 0.0                               | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9 | 1.0 |
| 350 CFM/Ton Setting | Low  | -                                 | 1259 | 1219 | 1206 | 1207 | 1206 | 1199 | 1166 | 1165 | -   | -   |
|                     | High | -                                 | 1799 | 1742 | 1726 | 1725 | 1723 | 1712 | 1696 | 1692 | -   | -   |
| 400 CFM/Ton Setting | Low  | -                                 | 1410 | 1393 | 1366 | 1364 | 1363 | 1360 | 1366 | 1344 | -   | -   |
|                     | High | -                                 | 2015 | 1990 | 1960 | 1977 | 1976 | 1971 | 1955 | 1920 | -   | -   |

# Indoor Blower Performance

## 4WCZ6024 AIRFLOW WITH AUXILIARY HEAT (CFM)

| SWITCH SETTINGS |       | SELECTION | NOMINAL AIRFLOW |
|-----------------|-------|-----------|-----------------|
| 7-OFF           | 8-OFF | LOW       | 700 CFM         |
| 7-ON            | 8-OFF | HIGH      | 800 CFM         |
| 7-OFF           | 8-ON  | HIGH      | 800 CFM         |
| 7-ON            | 8-ON  | HIGH      | 800 CFM         |

# Indoor Blower Performance

## 4WCZ6036 AIRFLOW WITH AUXILIARY HEAT (CFM)

| SWITCH SETTINGS |       | SELECTION | NOMINAL AIRFLOW |
|-----------------|-------|-----------|-----------------|
| 7-OFF           | 8-OFF | LOW       | 1050 CFM        |
| 7-ON            | 8-OFF | HIGH      | 1200 CFM        |
| 7-OFF           | 8-ON  | HIGH      | 1200 CFM        |
| 7-ON            | 8-ON  | HIGH      | 1200 CFM        |

## 4WCZ6048 AIRFLOW WITH AUXILIARY HEAT (CFM)

| SWITCH SETTINGS |       | SELECTION | NOMINAL AIRFLOW |
|-----------------|-------|-----------|-----------------|
| 7-OFF           | 8-OFF | LOW       | 1400 CFM        |
| 7-ON            | 8-OFF | HIGH      | 1600 CFM        |
| 7-OFF           | 8-ON  | HIGH      | 1600 CFM        |
| 7-ON            | 8-ON  | HIGH      | 1600 CFM        |

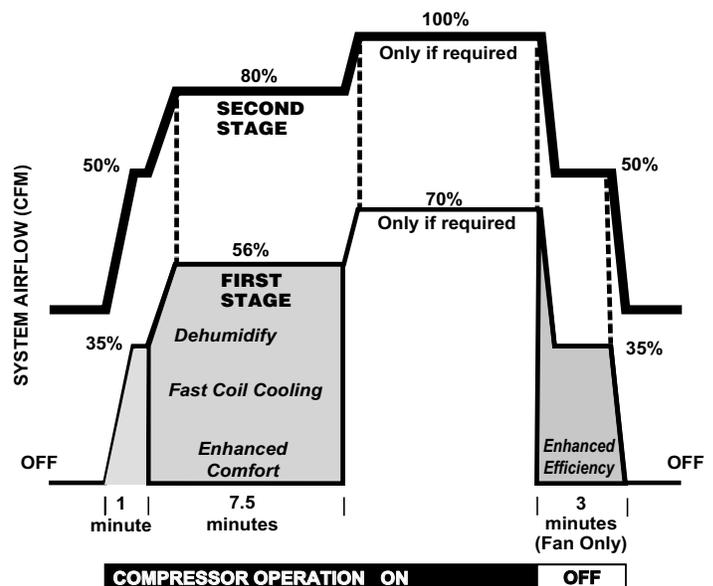
## 4WCZ6060 AIRFLOW WITH AUXILIARY HEAT (CFM)

| SWITCH SETTINGS |       | SELECTION | NOMINAL AIRFLOW |
|-----------------|-------|-----------|-----------------|
| 7-OFF           | 8-OFF | LOW       | 1400 CFM        |
| 7-ON            | 8-OFF | HIGH      | 1600 CFM        |
| 7-OFF           | 8-ON  | HIGH      | 1600 CFM        |
| 7-ON            | 8-ON  | HIGH      | 1600 CFM        |

## COOLING FAN DELAY OPTIONS

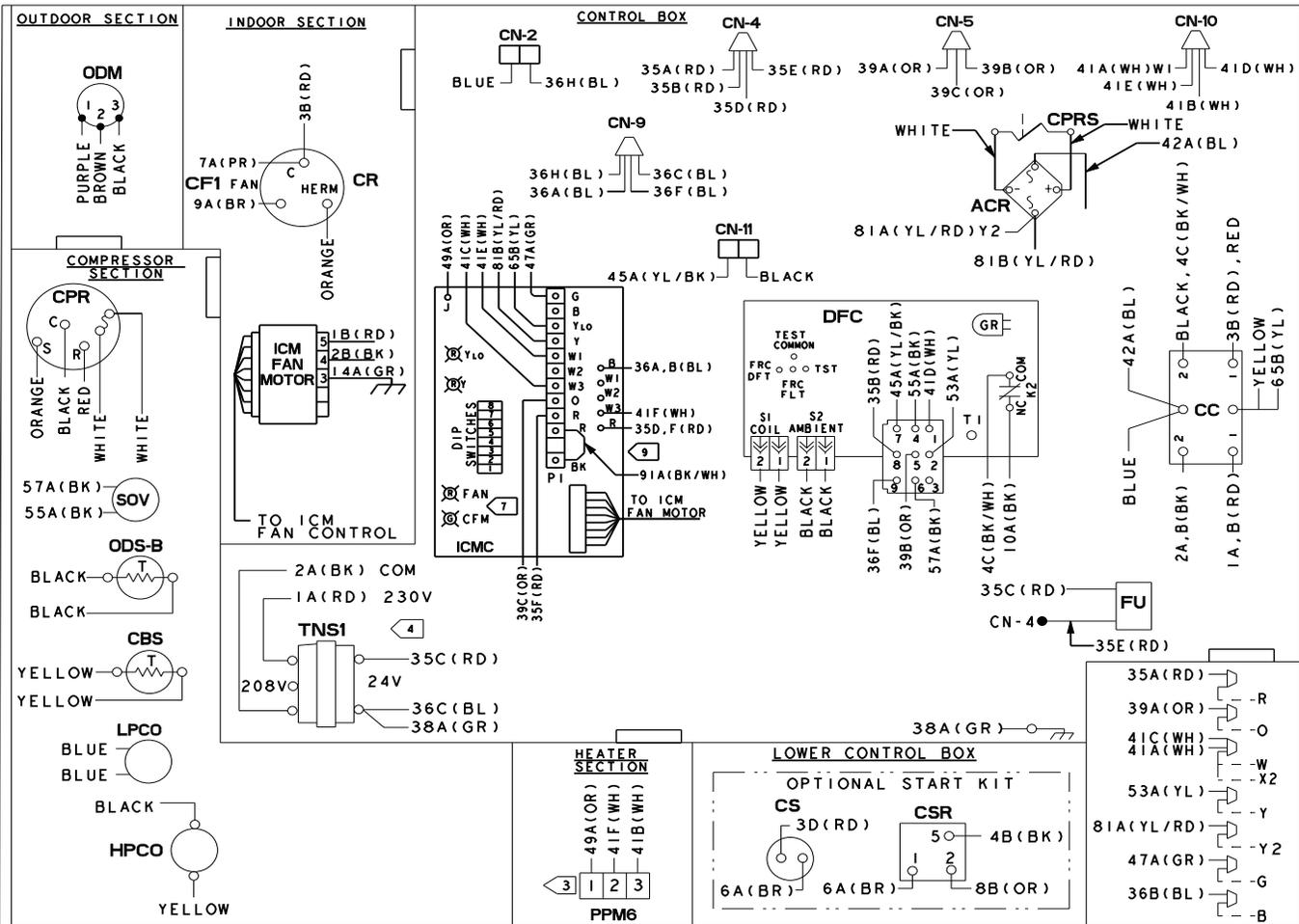
| SWITCH SETTINGS |       | DELAY  | NOMINAL AIRFLOW |
|-----------------|-------|--------|-----------------|
| 5-OFF           | 6-OFF | NONE   | 100%            |
| 5-ON            | 6-OFF | 45 SEC | 100%            |
| 5-OFF           | 6-ON  | 90 SEC | 50%             |
| 5-ON            | 6-ON  | **     | 50-100%         |

\*\* This ENHANCED MODE selection provides a ramping up and ramping down of the indoor blower speed to provide improved comfort, quietness, and potential energy savings. The Graph below shows the ramping process



# Typical Wiring

## 4WCZ6024



- NOTES:**
1. MUST USE THERMOSTAT  
 \*CONT402A, \*CONT802A,  
 \*CONT803A, \*CONT624A, OR  
 \*CONT824A WITH THIS UNIT
  2. MAXIMUM ADDITIONAL EXTERNAL LOAD (PILOT DUTY) BETWEEN  
 "B" AND "R" OF 0.5 AMPS, 24 VAC IS AVAILABLE WHEN A  
 HEATER IS INSTALLED.
  3. SEE WIRING DIAGRAM WITH HEATER FOR DETAILS OF HEATER WIRING.
  4. FOR 208 VOLT OPERATION MAKE THE FOLLOWING WIRING CHANGES:  
 A: REMOVE IA(RD) WIRE FROM TNS1 AND CONNECT TO TNS1 AT 208V TERMINAL.
  5. IF ANY OF THE ORIGINAL WIRE AS SUPPLIED IN THIS UNIT
  6. THE GREEN LED ON THE ICMC BOARD FLASHES ONCE PER HUNDRED CFM.
  7. IF OPTIONAL HUMIDISTAT ACCESSORY IS USED, ON THE ICMC BOARD CUT  
 THE 91A(BK/WH) JUMPER AND CONNECT THE HUMIDISTAT BETWEEN TERMINALS.

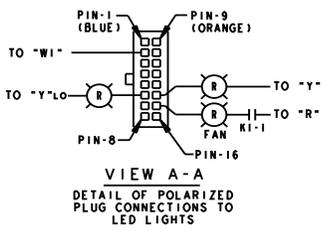
| WIRE | COLOR  | DESIGNATION |
|------|--------|-------------|
| ABBR | COLOR  | ABBR        |
| BK   | BLACK  | PR          |
| BL   | BLUE   | RD          |
| BR   | BROWN  | WH          |
| GR   | GREEN  | YL          |
| OR   | ORANGE |             |

24 VOLT TRANSFORMER FUSE REPLACEMENT  
 FU 300 VOLT TYPE GMD-3.2 AMP

### ICMC DIP SWITCH SETTINGS

| DIP SWITCH SETTINGS   |      |      |      | COOLING / HEAT PUMP CFM | NOMINAL AIRFLOW |
|-----------------------|------|------|------|-------------------------|-----------------|
| SW 1                  | SW 2 | SW 3 | SW 4 | 350 CFM/TON             |                 |
| OFF                   | OFF  | OFF  | ON   | 400 CFM/TON             |                 |
| OFF                   | OFF  | OFF  | OFF  | 450 CFM/TON             | **              |
| OFF                   | OFF  | ON   | OFF  |                         |                 |
| FAN OFF-DELAY OPTIONS |      |      |      |                         |                 |
| SW 5                  | SW 6 |      |      | NONE                    | NOMINAL         |
| OFF                   | OFF  |      |      | 45 SECONDS              | 100% NOMINAL**  |
| ON                    | OFF  |      |      | 90 SECONDS              | 50% NOMINAL     |
| ON                    | ON   |      |      | ENHANCED                | ENHANCED        |
| ELECTRIC HEAT AIRFLOW |      |      |      |                         |                 |
| SW 7                  | SW 8 |      |      | 350 CFM/TON             |                 |
| OFF                   | OFF  |      |      | 400 CFM/TON             | **              |
| ON                    | OFF  |      |      |                         |                 |

\*\* FACTORY SETTING.  
 AT CONTINUOUS FAN SETTING ("G" ONLY) AIRFLOW VALUES ARE APPROXIMATELY 50% OF LISTED VALUE.  
 THE HEAT PUMP FAN OFF-DELAY IS THE SAME AS THE COOLING MODE.



| DEVICE | DESCRIPTION                 | LINE   |
|--------|-----------------------------|--------|
| AH, BH | CONTACTOR ELECTRIC HEAT     | 39, 40 |
| CBS    | COIL BOTTOM SENSOR          | 32     |
| CC     | COMPRESSOR CONTACTOR COIL   | 41     |
| CN     | CONNECTOR OR WIRE NUT       |        |
| CPR    | COMPRESSOR                  | 14     |
| CR     | COMPRESSOR RUN CAPACITOR    | 13     |
| CS     | COMPRESSOR START CAPACITOR  | 9      |
| CSR    | COMPRESSOR START RELAY COIL | 9      |
| DFC    | DEFROST CONTROL             | 26-36  |
| FU     | FUSE                        | 25     |
| ICM    | INTEGRATED COMMUTATED MOTOR | 20     |
| IOL    | INTERNAL OVERLOAD           | 35     |
| ODM    | OUTDOOR FAN MOTOR           | 18     |
| ODS    | OUTDOOR AMBIENT SENSOR      | 35     |
| ICMC   | INTEGRATED COMMUTATED MOTOR | 45-51  |
| PPM6   | HEATER PLUG (FEMALE)        | 39, 40 |
| SOV    | SWITCHOVER VALVE            | 36     |
| TNS1   | CONTROL POWER TRANSFORMER   | 24     |
| LPCO   | LOW PRESSURE SWITCH         | 46     |
| HPCO   | HIGH PRESSURE SWITCH        | 41     |
| CPRS   | COMPRESSOR SOLENOID         | 43     |
| CF1    | OUTDOOR FAN CAPACITOR       | 15     |
| ACR    | RECTIFIER BRIDGE            | 45     |

# Typical Wiring

## 4WCZ6024

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

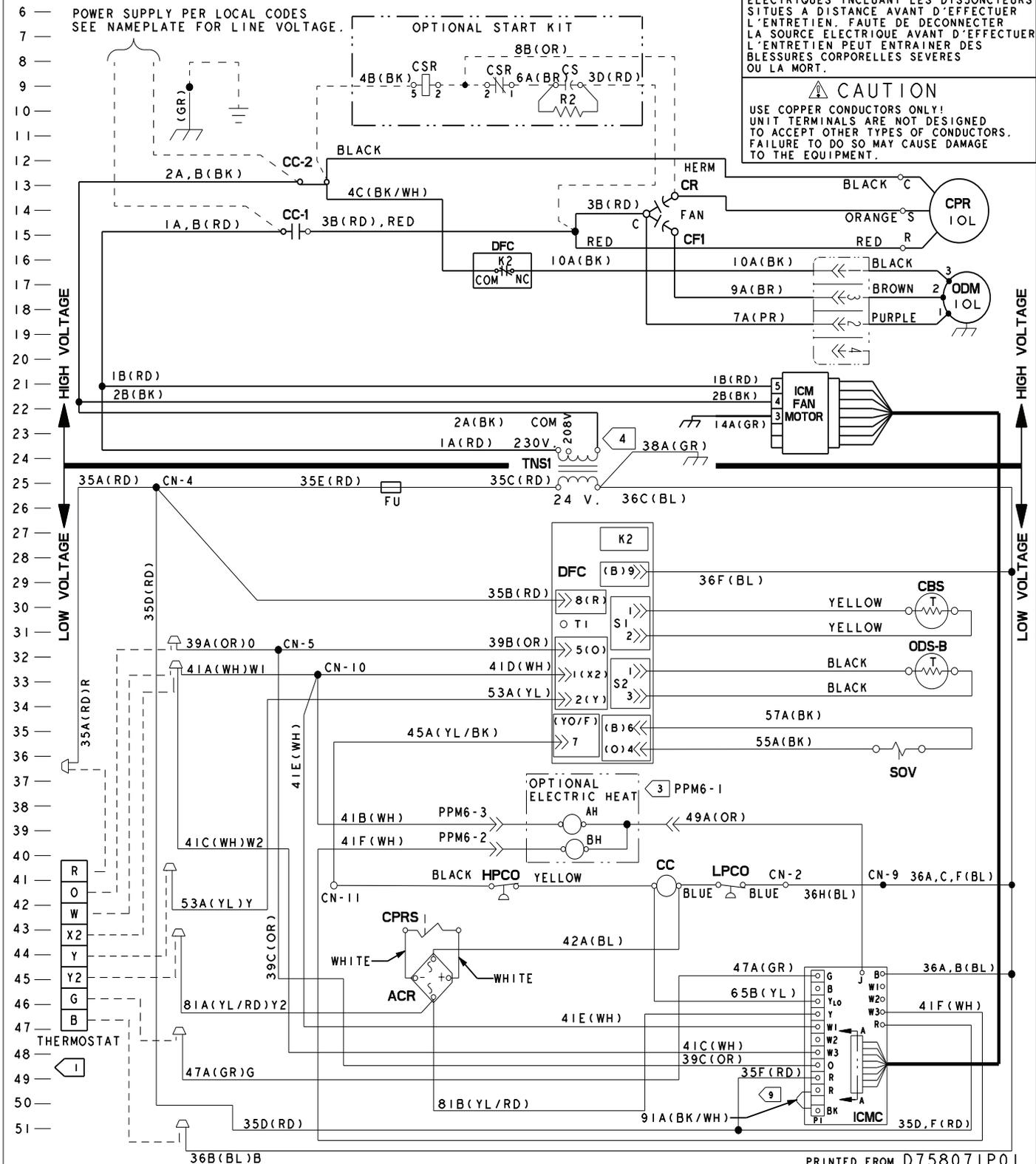
UNIT FACTORY WIRED FOR 230V  
SEE WIRING DIAGRAM NOTES FOR REQUIRED WIRING CHANGES WHEN INSTALLED ON A 208V POWER SUPPLY.

MODELS  
4WCZ6024A1

**WARNING**  
HAZARDOUS VOLTAGE!  
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.  
FAILURE TO DISCONNECT POWER SUPPLY BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

**AVERTISSEMENT**  
VOLTAGE HASARDEUX!  
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN. FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EFFECTUER L'ENTRETIEN PEUT ENTRAINDER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

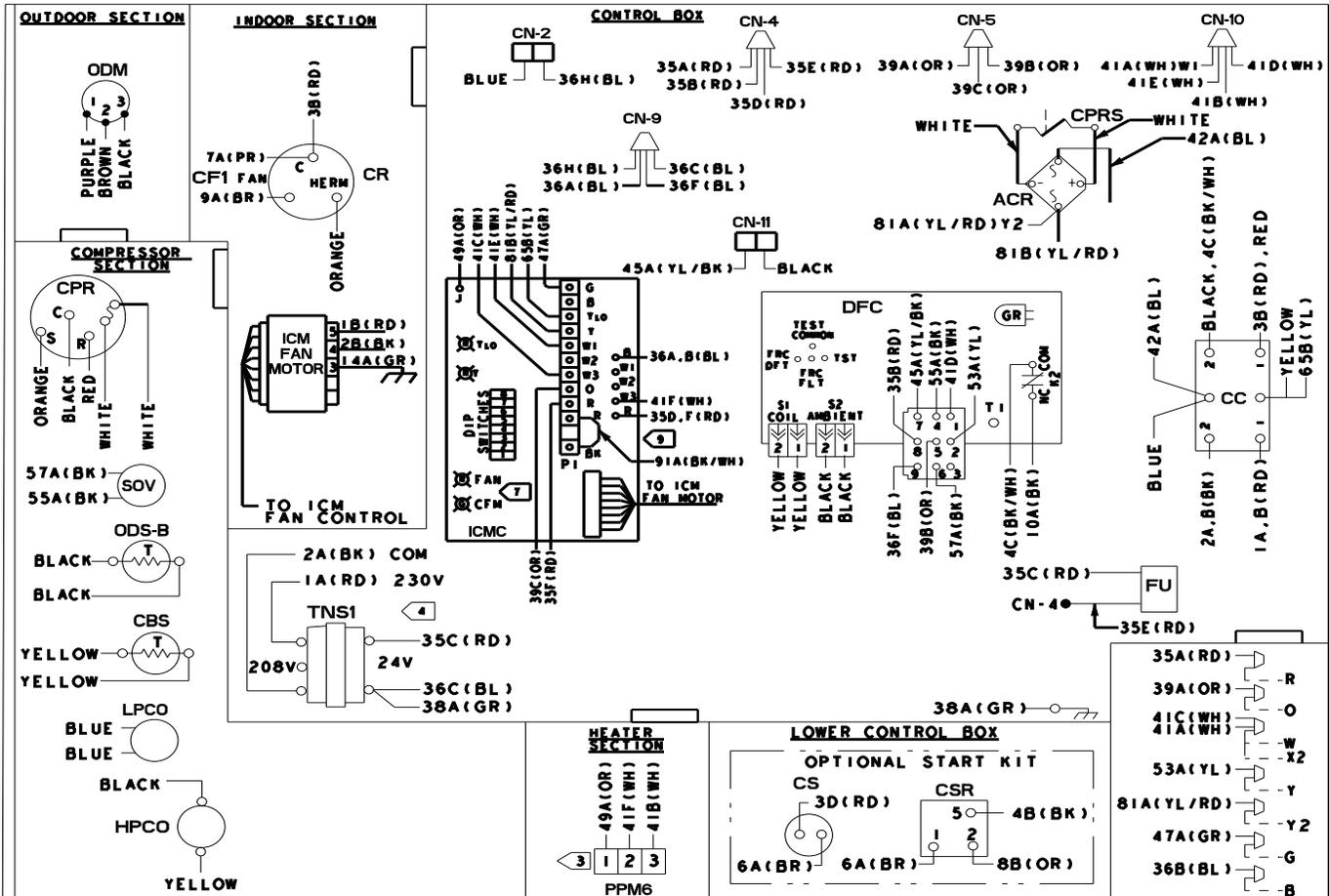
**CAUTION**  
USE COPPER CONDUCTORS ONLY!  
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.



# Typical Wiring

## 4WCZ6036B1

MODELS  
4WCZ6036B1



- NOTES:**
- CONNECTIONS SHOWN ARE FOR A TYPICAL THERMOSTAT. SEE SCHEMATIC SUPPLIED WITH THERMOSTAT FOR PROPER CONNECTIONS. LOW VOLTAGE WIRING TO UNIT MAY BE NEC CLASS 2 AND MUST BE A MIN. OF 18 A.W.G.
  - MAXIMUM ADDITIONAL EXTERNAL LOAD (PILOT DUTY) BETWEEN "B" AND "R" OF 0.5 AMPS, 24 VAC IS AVAILABLE WHEN A HEATER IS INSTALLED.
  - SEE WIRING DIAGRAM WITH HEATER FOR DETAILS OF HEATER WIRING.
  - FOR 208 VOLT OPERATION MAKE THE FOLLOWING WIRING CHANGES: A: REMOVE 1A(RD) WIRE FROM TNS1 AND CONNECT TO 208V TERMINAL.
  - IF ANY OF THE ORIGINAL WIRE AS SUPPLIED IN THIS UNIT MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105°C.
  - "T" TERMINAL IS NOT CONNECTED WHEN AN ELECTRONIC THERMOSTAT IS USED.
  - THE GREEN LED ON THE ICMC BOARD FLASHES ONCE PER HUNDRED CFM.
  - WHEN MECHANICAL THERMOSTATS ARE USED, DO NOT CONNECT THE "W" LEAD AT THERMOSTAT.
  - IF OPTIONAL HUMIDISTAT ACCESSORY IS USED, ON THE ICMC BOARD CUT THE 91A(BK/WH) JUMPER AND CONNECT THE HUMIDISTAT BETWEEN TERMINALS.

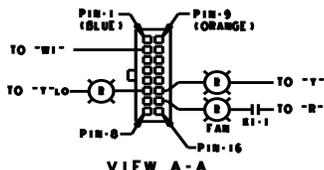
| ABBR | COLOR  | ABBR | COLOR  |
|------|--------|------|--------|
| BK   | BLACK  | PR   | PURPLE |
| BL   | BLUE   | RD   | RED    |
| BR   | BROWN  | WH   | WHITE  |
| GR   | GREEN  | YL   | YELLOW |
| OR   | ORANGE |      |        |

24 VOLT TRANSFORMER FUSE REPLACEMENT  
FU 300 VOLT TYPE GMD-3.2 AMP

### ICMC DIP SWITCH SETTINGS

| DIP SWITCH SETTINGS |      |      |      | COOLING / HEAT PUMP CFM | NOMINAL AIRFLOW |
|---------------------|------|------|------|-------------------------|-----------------|
| SW 1                | SW 2 | SW 3 | SW 4 | 350 CFM/TON             |                 |
| OFF                 | OFF  | OFF  | ON   | 400 CFM/TON             |                 |
| OFF                 | OFF  | ON   | OFF  | 450 CFM/TON             | **              |
|                     |      |      |      | FAN OFF-DELAY OPTIONS   | NOMINAL         |
| SW 5                | SW 6 |      |      | NONE                    | NOMINAL         |
| ON                  | OFF  |      |      | 45 SECONDS              | 100% NOMINAL**  |
| OFF                 | ON   |      |      | 90 SECONDS              | 50% NOMINAL     |
| ON                  | ON   |      |      | ENHANCED                | ENHANCED        |
|                     |      |      |      | ELECTRIC HEAT AIRFLOW   |                 |
| SW 7                | SW 8 |      |      | 350 CFM/TON             |                 |
| OFF                 | OFF  |      |      | 400 CFM/TON             | **              |
| ON                  | OFF  |      |      |                         |                 |

\*\* FACTORY SETTING.  
AT CONTINUOUS FAN SETTING ("G" ONLY) AIRFLOW VALUES ARE APPROXIMATELY 50% OF LISTED VALUE. THE HEAT PUMP FAN OFF-DELAY IS THE SAME AS THE COOLING MODE.



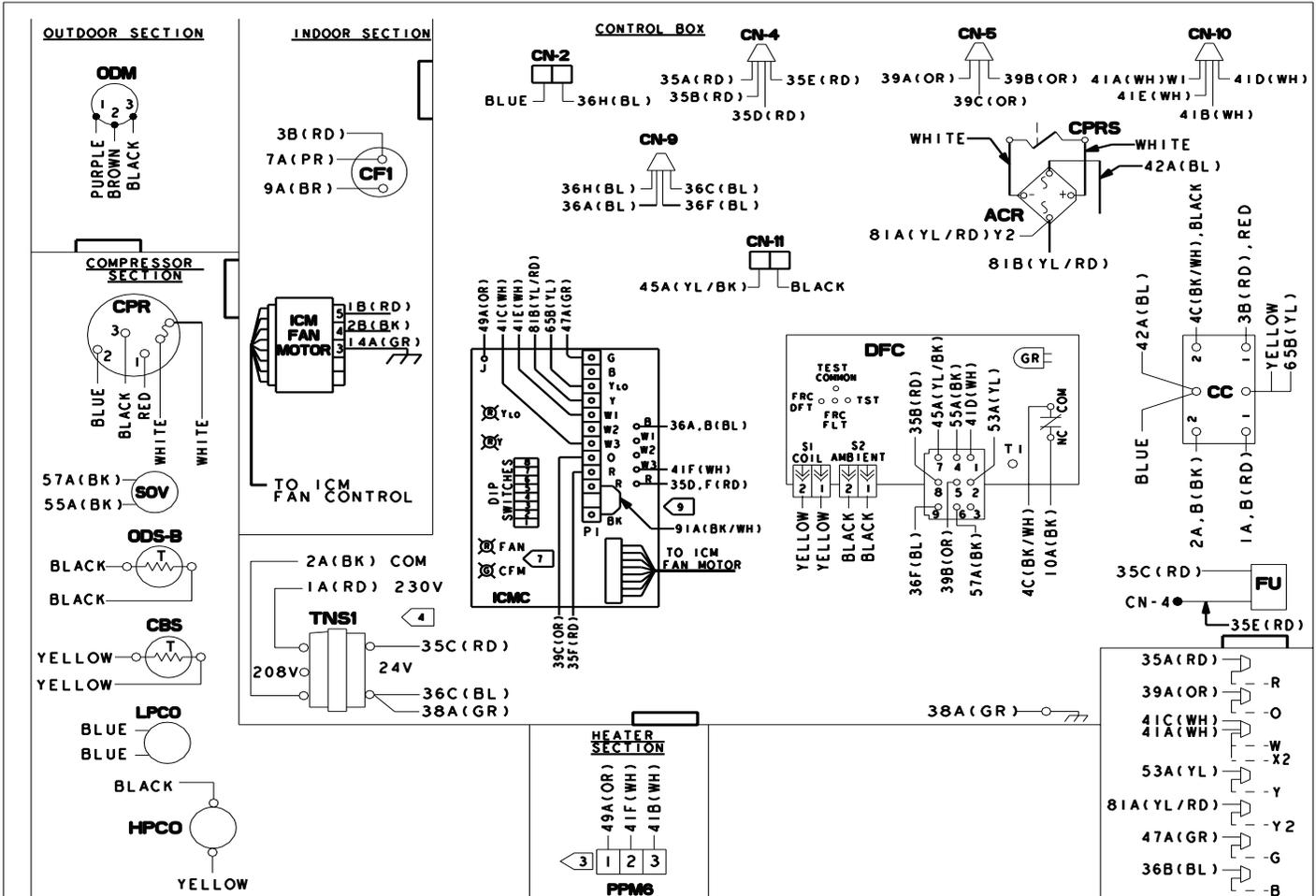
| DEVICE | DESCRIPTION                 | LINE   |
|--------|-----------------------------|--------|
| AM, BM | CONTACTOR ELECTRIC HEAT     | 39, 40 |
| CBS    | COIL BOTTOM SENSOR          | 32     |
| CC     | COMPRESSOR CONTACTOR COIL   | 41     |
| CN     | CONNECTOR OR WIRE NUT       |        |
| CPR    | COMPRESSOR                  | 14     |
| CR     | COMPRESSOR RUN CAPACITOR    | 13     |
| CS     | COMPRESSOR START CAPACITOR  | 9      |
| CSR    | COMPRESSOR START RELAY COIL | 9      |
| DFC    | DEFROST CONTROL             | 26-36  |
| FU     | FUSE                        | 25     |
| ICM    | INTEGRATED COMMUTATED MOTOR | 20     |
| IOL    | INTERNAL OVERLOAD           |        |
| ODM    | OUTDOOR FAN MOTOR           | 18     |
| ODS    | OUTDOOR AMBIENT SENSOR      | 35     |
| ICMC   | INTEGRATED COMMUTATED MOTOR | 45-51  |
| PHMS   | HEATER PLUG (FEMALE)        | 39, 40 |
| SOV    | SWITCHOVER VALVE            | 36     |
| TNS1   | CONTROL POWER TRANSFORMER   | 24     |
| LPCO   | LOW PRESSURE SWITCH         | 46     |
| HPCO   | HIGH PRESSURE SWITCH        | 41     |
| CPRS   | COMPRESSOR SOLENOID         | 43     |
| CF1    | OUTDOOR FAN CAPACITOR       | 15     |
| ACR    | RECTIFIER BRIDGE            | 45     |

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# Typical Wiring

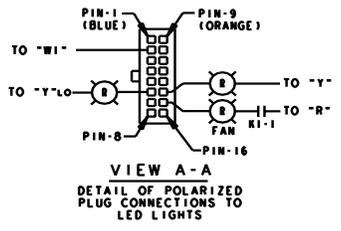
## 4WCZ6036B3



- NOTES:**
- 1 CONNECTIONS SHOWN ARE FOR A TYPICAL THERMOSTAT. SEE SCHEMATIC SUPPLIED WITH THERMOSTAT FOR PROPER CONNECTIONS. LOW VOLTAGE WIRING TO UNIT MAY BE NEC CLASS 2 AND MUST BE A MIN. OF 18 A.W.G.
  - 2 MAXIMUM ADDITIONAL EXTERNAL LOAD (PILOT DUTY) BETWEEN "B" AND "R" OF 0.5 AMPS, 24 VAC IS AVAILABLE WHEN A HEATER IS INSTALLED.
  - 3 SEE WIRING DIAGRAM WITH HEATER FOR DETAILS OF HEATER WIRING.
  - 4 FOR 208 VOLT OPERATION MAKE THE FOLLOWING WIRING CHANGES:  
A: REMOVE 1A(RD) WIRE FROM TNS1 AND CONNECT TO TNS1 AT 208V TERMINAL.
  - 5 IF ANY OF THE ORIGINAL WIRE AS SUPPLIED IN THIS UNIT MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105°C.
  - 6 "T" TERMINAL IS NOT CONNECTED WHEN AN ELECTRONIC THERMOSTAT IS USED.
  - 7 THE GREEN LED ON THE ICMC BOARD FLASHES ONCE PER HUNDRED CFM.
  - 8 WHEN MECHANICAL THERMOSTATS ARE USED, DO NOT CONNECT THE "W" LEAD AT THERMOSTAT.
  - 9 IF OPTIONAL HUMIDISTAT ACCESSORY IS USED, ON THE ICMC BOARD CUT THE 91A(BK/WH) JUMPER AND CONNECT THE HUMIDISTAT BETWEEN TERMINALS.

**NOTE**  
THREE PHASE MOTOR(S) FACTORY SUPPLIED IN THIS EQUIPMENT PROTECTED UNDER PRIMARY SINGLE-PHASE CONDITIONS

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



| ICMC DIP SWITCH SETTINGS |      |      |      | COOLING/ HEAT PUMP CFM | NOMINAL AIRFLOW |
|--------------------------|------|------|------|------------------------|-----------------|
| SW 1                     | SW 2 | SW 3 | SW 4 | ON                     | 350 CFM/TON     |
| OFF                      | OFF  | OFF  | OFF  | 400 CFM/TON            | **              |
| OFF                      | OFF  | ON   | OFF  | 450 CFM/TON            |                 |
| FAN OFF-DELAY OPTIONS    |      |      |      |                        |                 |
| OFF                      | OFF  |      |      | NONE                   | NOMINAL         |
| ON                       | OFF  |      |      | 45 SECONDS             | 100% NOMINAL**  |
| OFF                      | ON   |      |      | 90 SECONDS             | 50% NOMINAL     |
| ON                       | ON   |      |      | ENHANCED               | ENHANCED        |
| ELECTRIC HEAT AIRFLOW    |      |      |      |                        |                 |
| SW 7                     | SW 8 |      |      | 350 CFM/TON            |                 |
| OFF                      | OFF  |      |      | 400 CFM/TON            | **              |
| ON                       | OFF  |      |      |                        |                 |

\*\* FACTORY SETTING.  
AT CONTINUOUS FAN SETTING ("G" ONLY) AIRFLOW VALUES ARE APPROXIMATELY 50% OF LISTED VALUE. THE HEAT PUMP FAN OFF-DELAY IS THE SAME AS THE COOLING MODE.

| DEVICE | DESCRIPTION                         | LINE   |
|--------|-------------------------------------|--------|
| AH, BH | CONTACTOR ELECTRIC HEAT             | 39, 40 |
| CBS    | COIL BOTTOM SENSOR                  | 30     |
| CC     | COMPRESSOR CONTACTOR COIL           | 41     |
| CN     | CONNECTOR OR WIRE NUT               |        |
| CPR    | COMPRESSOR                          | 13     |
| DFC    | DEFROST CONTROL                     | 26-36  |
| FU     | FUSE                                | 25     |
| ICM    | INTEGRATED COMMUTATED MOTOR         | 20     |
| IOL    | INTERNAL OVERLOAD                   |        |
| ODM    | OUTDOOR FAN MOTOR                   | 18     |
| ODS    | OUTDOOR AMBIENT SENSOR              | 33     |
| ICMC   | INTEGRATED COMMUTATED MOTOR CONTROL | 45-51  |
| PPM6   | HEATER PLUG (FEMALE)                | 39, 40 |
| SOV    | SWITCHOVER VALVE                    | 36     |
| TNS1   | CONTROL POWER TRANSFORMER           | 24     |
| LPCO   | LOW PRESSURE SWITCH                 | 46     |
| HPCO   | HIGH PRESSURE SWITCH                | 41     |
| CPRS   | COMPRESSOR SOLENOID                 | 43     |
| CF1    | OUTDOOR FAN CAPACITOR               | 18     |
| ACR    | RECTIFIER BRIDGE                    | 45     |

# Typical Wiring

## 4WCZ6036B3

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

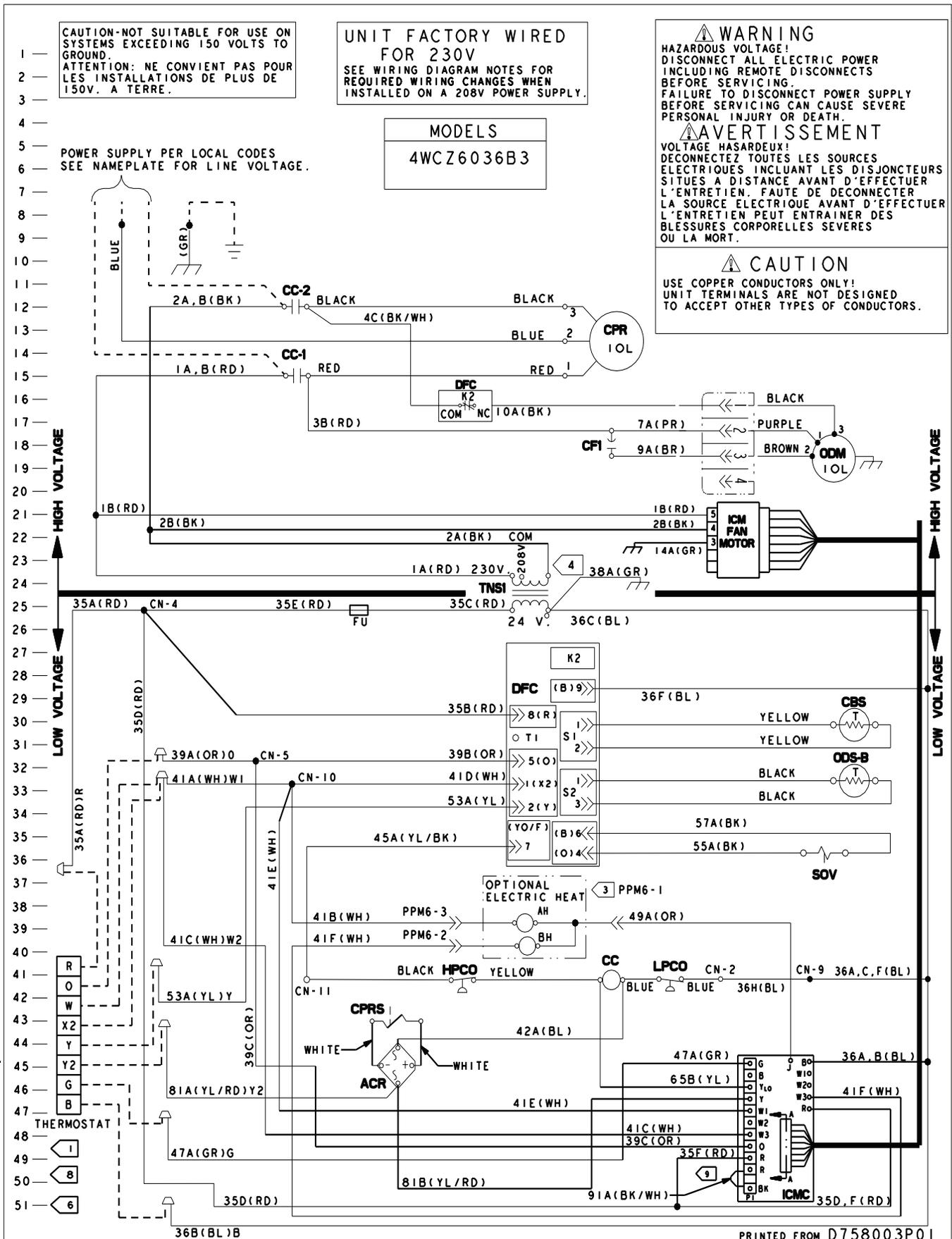
UNIT FACTORY WIRE FOR 230V  
SEE WIRING DIAGRAM NOTES FOR REQUIRED WIRING CHANGES WHEN INSTALLED ON A 208V POWER SUPPLY.

MODELS  
4WCZ6036B3

**WARNING**  
HAZARDOUS VOLTAGE!  
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.  
FAILURE TO DISCONNECT POWER SUPPLY BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

**AVERTISSEMENT**  
VOLTAGE HASARDEUX!  
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN. FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EFFECTUER L'ENTRETIEN PEUT ENTRAINER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

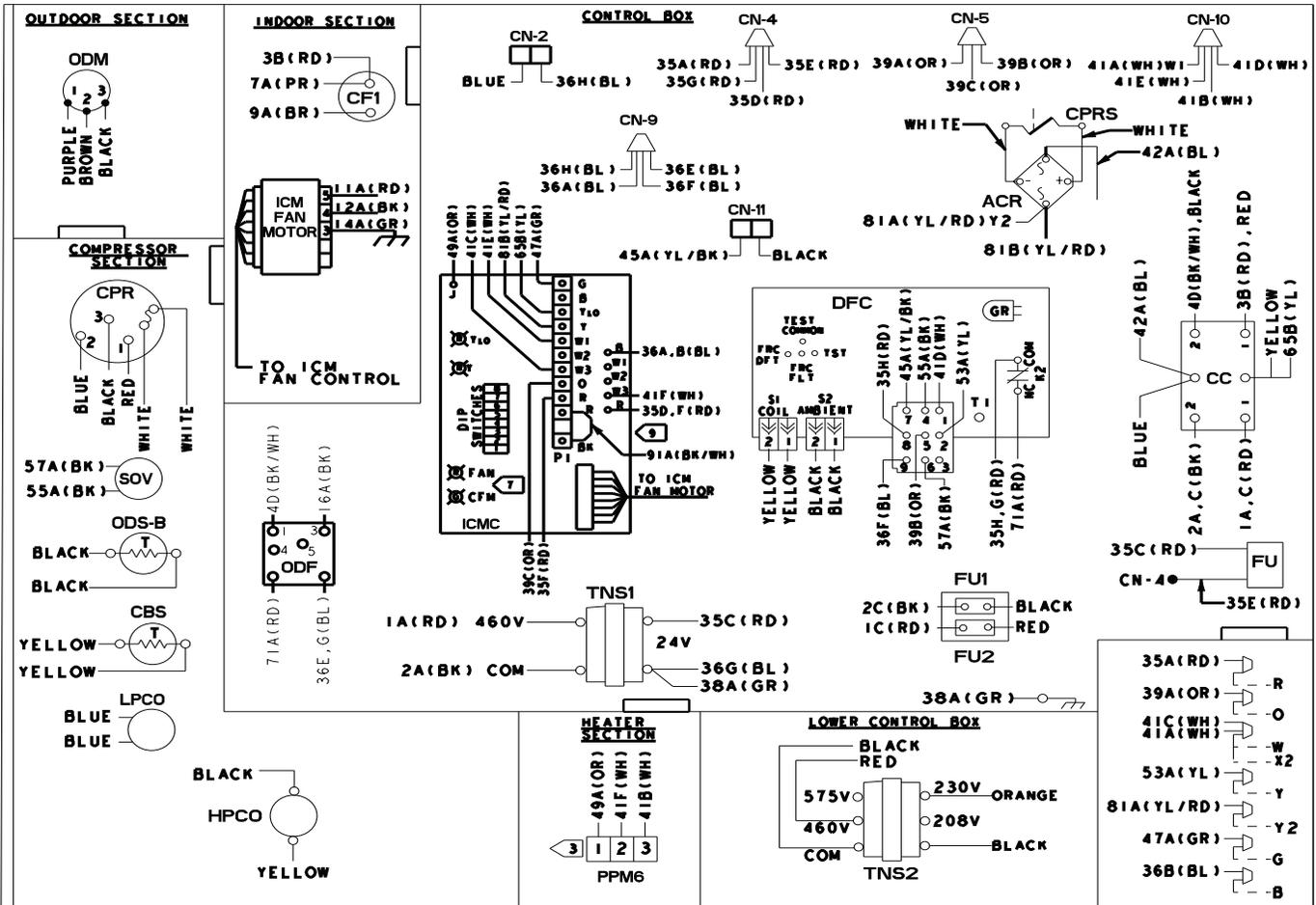
**CAUTION**  
USE COPPER CONDUCTORS ONLY!  
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.



# Typical Wiring

## 4WCZ6036B4

MODELS  
4WCZ6036B4

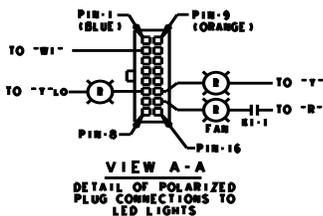


- NOTES:**
- CONNECTIONS SHOWN ARE FOR A TYPICAL THERMOSTAT. SEE SCHEMATIC SUPPLIED WITH THERMOSTAT FOR PROPER CONNECTIONS. LOW VOLTAGE WIRING TO UNIT MAY BE NEC CLASS 2 AND MUST BE A MIN. OF 18 A.W.G. MAXIMUM ADDITIONAL EXTERNAL LOAD (PILOT DUTY) BETWEEN "B" AND "R" OF 0.5 AMPS, 24 VAC IS AVAILABLE WHEN A HEATER IS INSTALLED.
  - SEE WIRING DIAGRAM WITH HEATER FOR DETAILS OF HEATER WIRING.
  - IF ANY OF THE ORIGINAL WIRE AS SUPPLIED IN THIS UNIT MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105°C.
  - "T" TERMINAL IS NOT CONNECTED WHEN AN ELECTRONIC THERMOSTAT IS USED.
  - THE GREEN LED ON THE ICMC BOARD FLASHES ONCE PER HUNDRED CFM.
  - WHEN MECHANICAL THERMOSTATS ARE USED, DO NOT CONNECT THE "W" LEAD AT THERMOSTAT.
  - IF OPTIONAL HUMIDISTAT ACCESSORY IS USED, ON THE ICMC BOARD CUT THE 91A(BK/WH) JUMPER AND CONNECT THE HUMIDISTAT BETWEEN TERMINALS.

ICM TRANSFORMER REPLACEMENT FUSE:  
FU1, FU2 500 VOLT TYPE FNO - 3 AMP  
24 VOLT TRANSFORMER REPLACEMENT FUSE:  
FU 300 VOLT TYPE GNO - 3.2 AMP

NOTE  
THREE PHASE MOTOR(S) FACTORY SUPPLIED IN THIS EQUIPMENT PROTECTED UNDER PRIMARY SINGLE-PHASE CONDITIONS

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



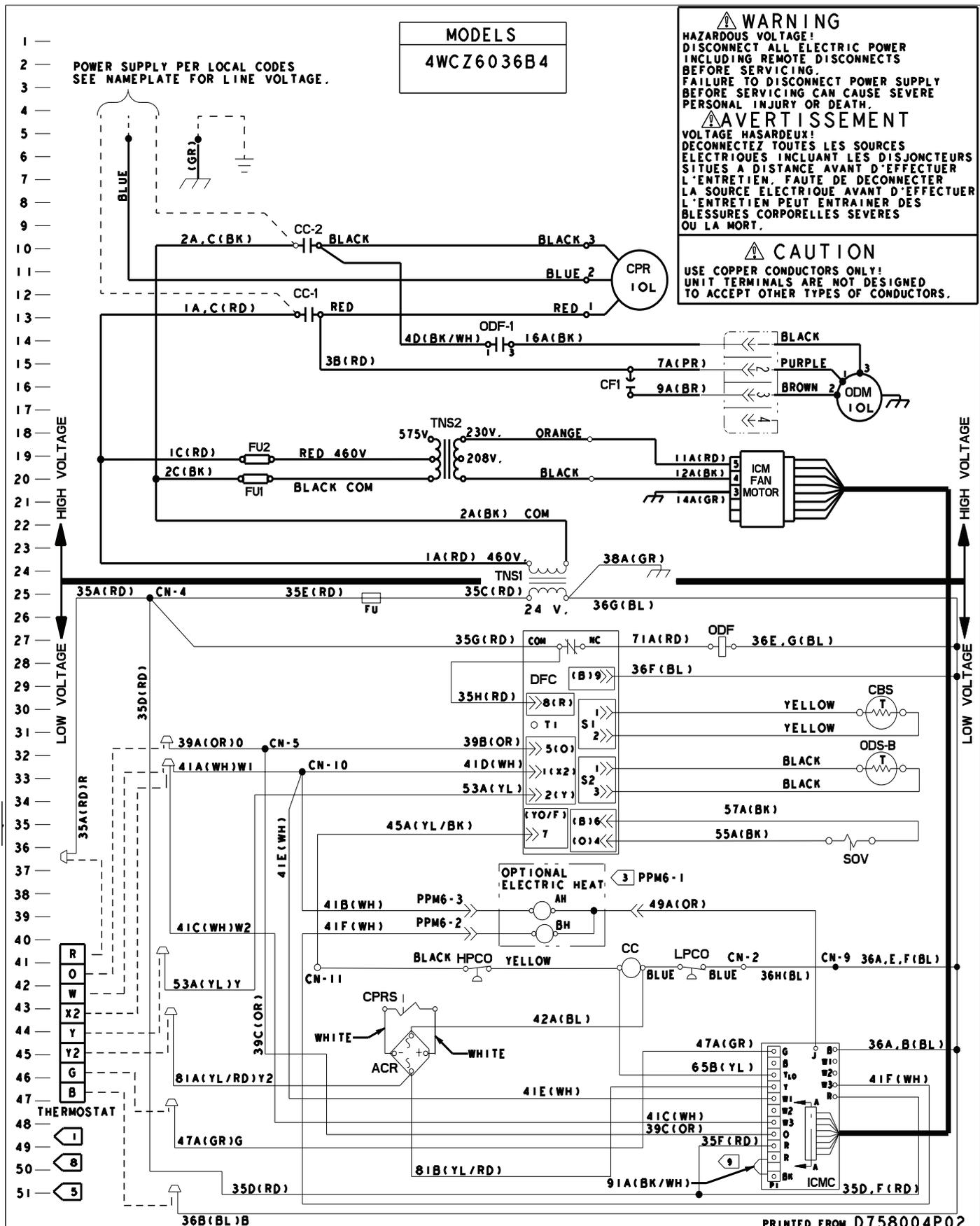
| ICMC DIP SWITCH SETTINGS |      |      |      |                       |                 |
|--------------------------|------|------|------|-----------------------|-----------------|
| DIP SWITCH SETTINGS      |      |      |      | COOLING/HEAT PUMP CFM | NOMINAL AIRFLOW |
| SW 1                     | SW 2 | SW 3 | SW 4 | 350 CFM/TON           |                 |
| OFF                      | OFF  | OFF  | ON   | 400 CFM/TON           | ••              |
| OFF                      | OFF  | ON   | OFF  | 450 CFM/TON           |                 |
| OFF                      | OFF  | ON   | ON   |                       |                 |
| FAN OFF-DELAY OPTIONS    |      |      |      |                       |                 |
| SW 5                     | SW 6 |      |      | NONE                  | NOMINAL         |
| OFF                      | OFF  |      |      | 45 SECONDS            | 100% NOMINAL •• |
| ON                       | OFF  |      |      | 90 SECONDS            | 50% NOMINAL     |
| ON                       | ON   |      |      | ENHANCED              | ENHANCED        |
| ELECTRIC HEAT AIRFLOW    |      |      |      |                       |                 |
| SW 7                     | SW 8 |      |      | 350 CFM/TON           |                 |
| OFF                      | OFF  |      |      | 400 CFM/TON           | ••              |
| ON                       | OFF  |      |      |                       |                 |

•• FACTORY SETTING.  
AT CONTINUOUS FAN SETTING (-G ONLY) AIRFLOW VALUES ARE APPROXIMATELY 50% OF LISTED VALUE. THE HEAT PUMP FAN OFF-DELAY IS THE SAME AS THE COOLING MODE.

| DEVICE   | DESCRIPTION                       | LINE   |
|----------|-----------------------------------|--------|
| AH, BH   | CONTACTOR ELECTRIC HEAT           | 39, 40 |
| CBS      | COIL BOTTOM SENSOR                | 31     |
| CC       | COMPRESSOR CONTACTOR COIL         | 41     |
| CN       | CONNECTOR OR WIRE NUT             |        |
| CPR      | COMPRESSOR                        | 11     |
| DFC      | DEFROST CONTROL                   | 26-36  |
| FU       | FUSE                              | 25     |
| ICM      | INTEGRATED COMMUTED MOTOR         | 20     |
| IOL      | INTERNAL OVERLOAD                 |        |
| ODM      | OUTDOOR FAN MOTOR                 | 16     |
| ODS      | OUTDOOR AMBIENT SENSOR            | 33     |
| ICMC     | INTEGRATED COMMUTED MOTOR CONTROL | 45-51  |
| PPM6     | HEATER PLUG (FEMALE)              | 39, 40 |
| SOV      | SWITCHOVER VALVE                  | 36     |
| TNS1     | CONTROL POWER TRANSFORMER         | 24     |
| LPCO     | LOW PRESSURE SWITCH               | 46     |
| HPCO     | HIGH PRESSURE SWITCH              | 41     |
| TNS2     | 460V/230V AUTO TRANSFORMER        | 19     |
| CPRS     | COMPRESSOR SOLENOID               | 43     |
| FU1, FU2 | FUSE, AUTO TRANSFORMER            | 18, 19 |
| CF1      | OUTDOOR FAN CAPACITOR             | 15     |
| ACR      | RECTIFIER BRIDGE                  | 45     |

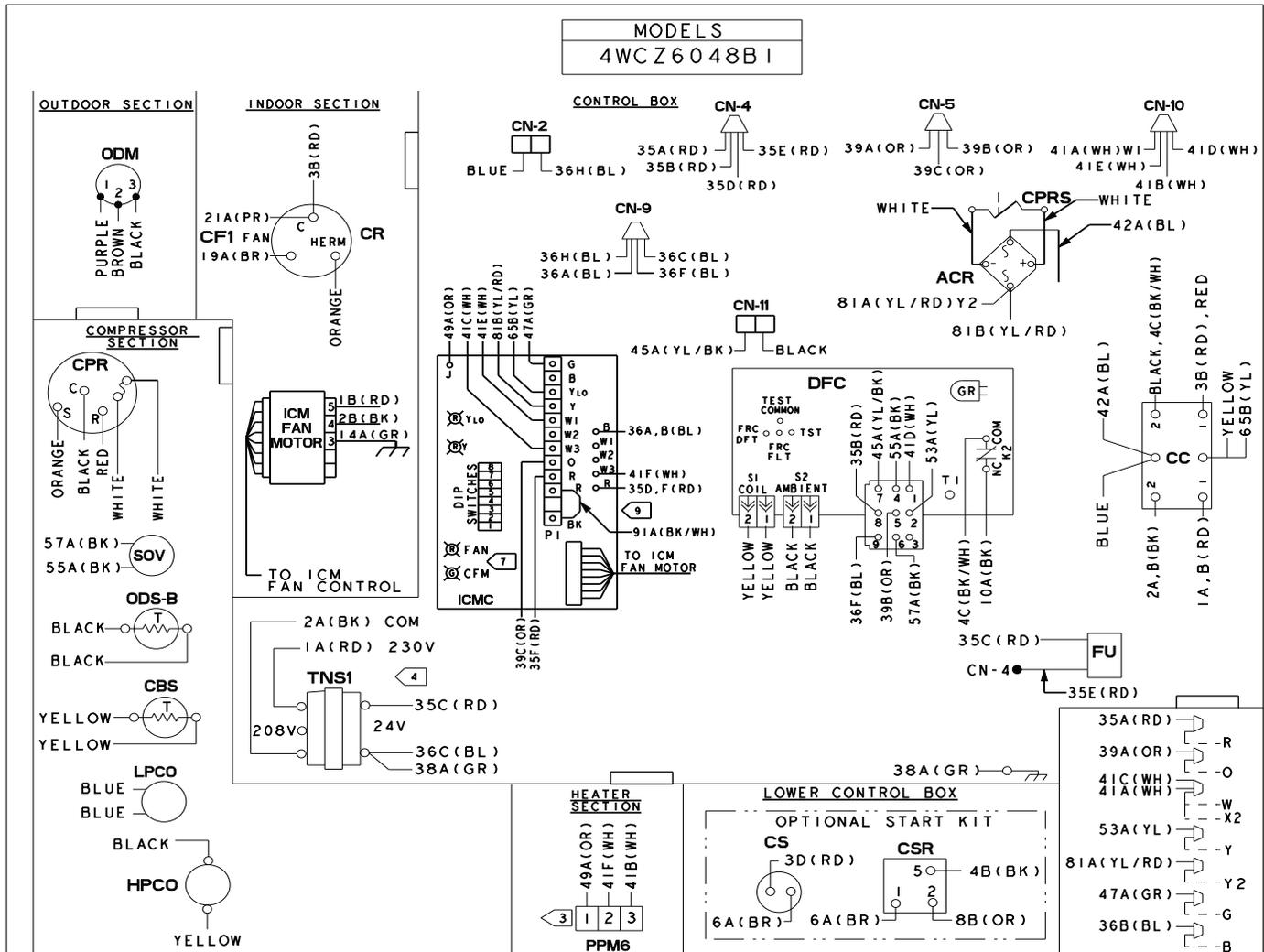
# Typical Wiring

4WCZ6036B4



# Typical Wiring

## 4WCZ6048B1



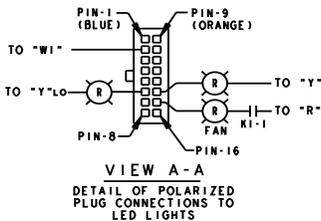
- NOTES:**
1. CONNECTIONS SHOWN ARE FOR A TYPICAL THERMOSTAT. SEE SCHEMATIC SUPPLIED WITH THERMOSTAT FOR PROPER CONNECTIONS. LOW VOLTAGE WIRING TO UNIT MAY BE NEC CLASS 2 AND MUST BE A MIN. OF 18 A.W.G.
  2. MAXIMUM ADDITIONAL EXTERNAL LOAD (PILOT DUTY) BETWEEN "B" AND "R" OF 0.5 AMPS. 24 VAC IS AVAILABLE WHEN A HEATER IS INSTALLED.
  3. SEE WIRING DIAGRAM WITH HEATER FOR DETAILS OF HEATER WIRING.
  4. FOR 208 VOLT OPERATION MAKE THE FOLLOWING WIRING CHANGES:  
A: REMOVE 1A(RD) WIRE FROM TNS1 AND CONNECT TO TNS1 AT 208V TERMINAL.
  5. IF ANY OF THE ORIGINAL WIRE AS SUPPLIED IN THIS UNIT MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105°C.
  6. "T" TERMINAL IS NOT CONNECTED WHEN AN ELECTRONIC THERMOSTAT IS USED.
  7. THE GREEN LED ON THE ICMC BOARD FLASHES ONCE PER HUNDRED CFM.
  8. WHEN MECHANICAL THERMOSTATS ARE USED, DO NOT CONNECT THE "W" LEAD AT THERMOSTAT.
  9. IF OPTIONAL HUMIDISTAT ACCESSORY IS USED, ON THE ICMC BOARD CUT THE 91A(BK/WH) JUMPER AND CONNECT THE HUMIDISTAT BETWEEN TERMINALS.

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

24 VOLT TRANSFORMER FUSE REPLACEMENT  
FU 300 VOLT TYPE GMD-3.2 AMP

| DIP SWITCH SETTINGS   |      |      |      | COOLING/<br>HEAT PUMP CFM | NOMINAL<br>AIRFLOW |
|-----------------------|------|------|------|---------------------------|--------------------|
| SW 1                  | SW 2 | SW 3 | SW 4 | 350 CFM/TON               |                    |
| OFF                   | OFF  | OFF  | ON   | 400 CFM/TON               | **                 |
| OFF                   | OFF  | ON   | OFF  | 450 CFM/TON               |                    |
| FAN OFF-DELAY OPTIONS |      |      |      |                           |                    |
| SW 5                  | SW 6 |      |      | NONE                      | NOMINAL            |
| ON                    | OFF  |      |      | 45 SECONDS                | 100% NOMINAL**     |
| OFF                   | ON   |      |      | 90 SECONDS                | 50% NOMINAL        |
| ON                    | ON   |      |      | ENHANCED                  | ENHANCED           |
| ELECTRIC HEAT AIRFLOW |      |      |      |                           |                    |
| SW 7                  | SW 8 |      |      | 350 CFM/TON               |                    |
| OFF                   | OFF  |      |      | 400 CFM/TON               | **                 |
| ON                    | OFF  |      |      |                           |                    |

\*\* FACTORY SETTING.  
AT CONTINUOUS FAN SETTING ("G" ONLY) AIRFLOW VALUES ARE APPROXIMATELY 50% OF LISTED VALUE. THE HEAT PUMP FAN OFF-DELAY IS THE SAME AS THE COOLING MODE.



| DEVICE | DESCRIPTION                 | LINE   |
|--------|-----------------------------|--------|
| AH, BH | CONTACTOR ELECTRIC HEAT     | 39, 40 |
| CBS    | COIL BOTTOM SENSOR          | 32     |
| CC     | COMPRESSOR CONTACTOR COIL   | 41     |
| CN     | CONNECTOR OR WIRE NUT       | 14     |
| CPR    | COMPRESSOR                  | 13     |
| CR     | COMPRESSOR RUN CAPACITOR    | 9      |
| CS     | COMPRESSOR START CAPACITOR  | 9      |
| CSR    | COMPRESSOR START RELAY COIL | 26-36  |
| DFC    | DEFROST CONTROL             | 25     |
| FU     | FUSE                        | 20     |
| ICM    | INTEGRATED COMMUTATED MOTOR | 18     |
| IOL    | INTERNAL OVERLOAD           | 35     |
| ODM    | OUTDOOR FAN MOTOR           | 45-51  |
| ODS    | OUTDOOR AMBIENT SENSOR      | 36     |
| ICMC   | INTEGRATED COMMUTATED MOTOR | 41     |
| PPM6   | HEATER PLUG (FEMALE)        | 36     |
| SOV    | SWITCHOVER VALVE            | 24     |
| TNS1   | CONTROL POWER TRANSFORMER   | 46     |
| LPCO   | LOW PRESSURE SWITCH         | 41     |
| HPCO   | HIGH PRESSURE SWITCH        | 43     |
| CPRS   | COMPRESSOR SOLENOID         | 15     |
| CF1    | OUTDOOR FAN CAPACITOR       | 45     |
| ACR    | RECTIFIER BRIDGE            |        |

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