

Quick Reference Parts Manual

WARNING:

For use by trained professional technicians only. Dangerous and hazardous conditions exist, similar to all air conditioners, which can cause property damage, serious injury or death.

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CONDENSING UNITS/ HEAT PUMPS/ AIR HANDLERS

GoodPartssm

Quick Reference Parts Manual

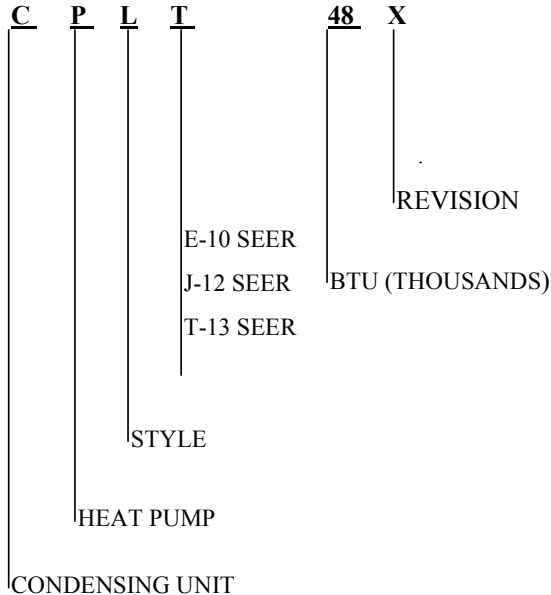
WARNING:

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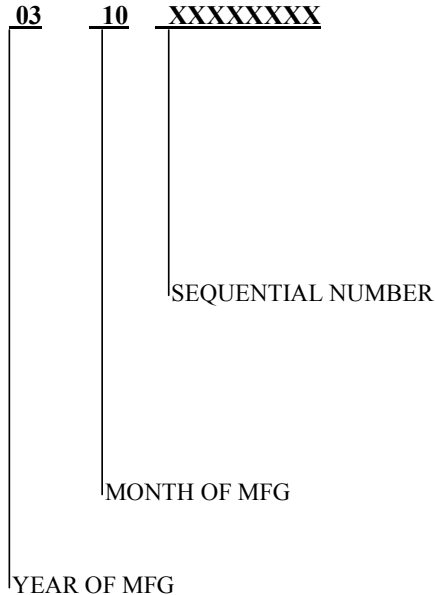
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MODEL/SERIAL NUMBER IDENTIFICATION

MODEL NUMBER IDENTIFICATION



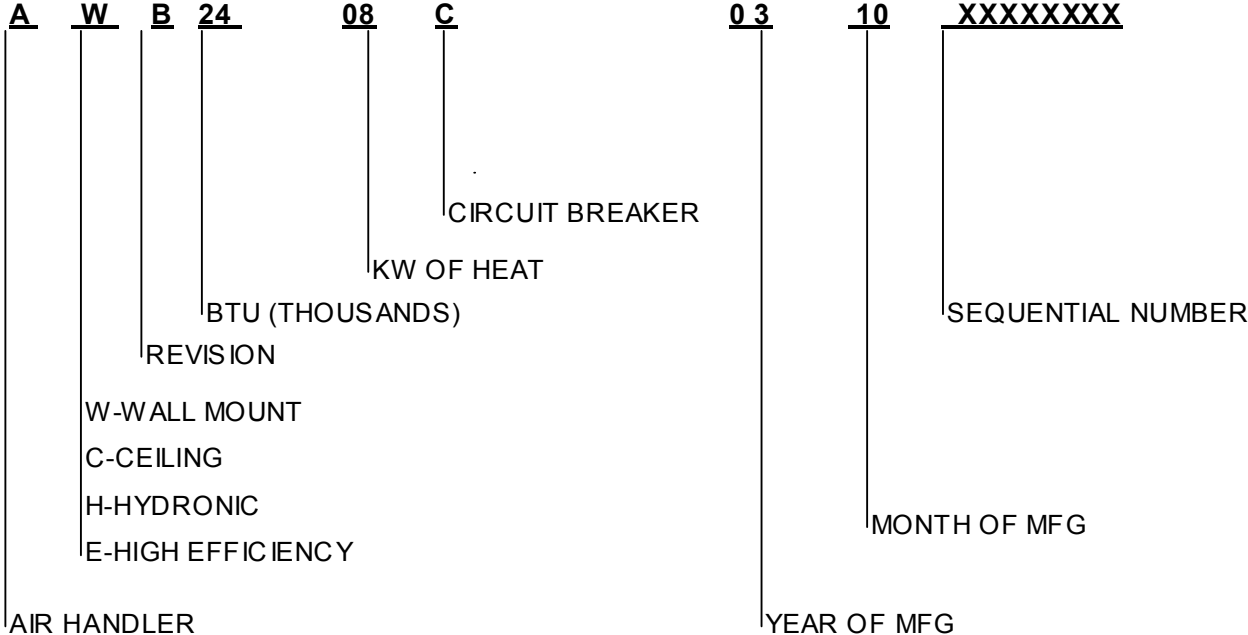
SERIAL NUMBER IDENTIFICATION



MODEL/SERIAL NUMBER IDENTIFICATION

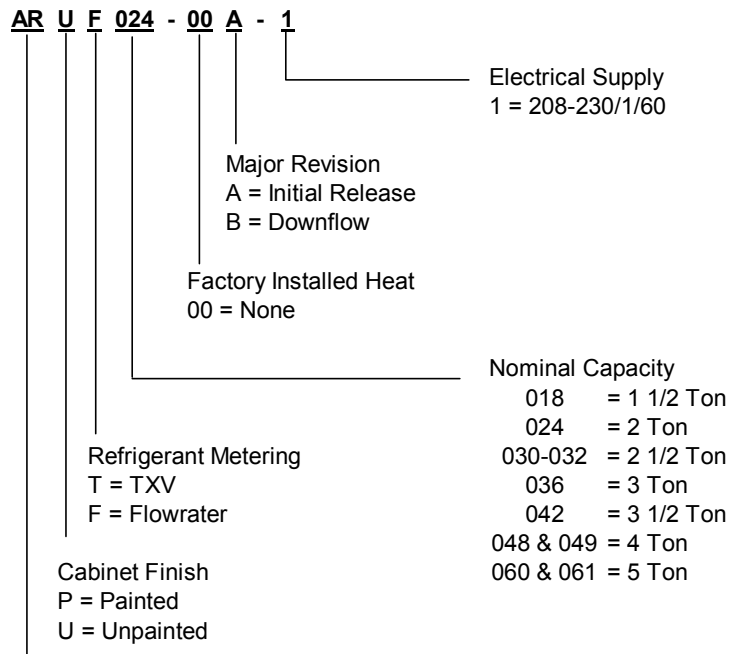
MODEL NUMBER IDENTIFICATION

SERIAL NUMBER IDENTIFICATION



MODEL/SERIAL NUMBER IDENTIFICATION

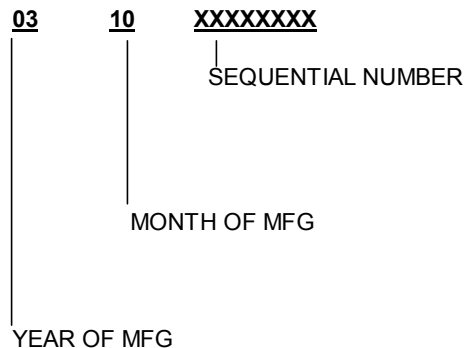
MODEL NUMBER IDENTIFICATION



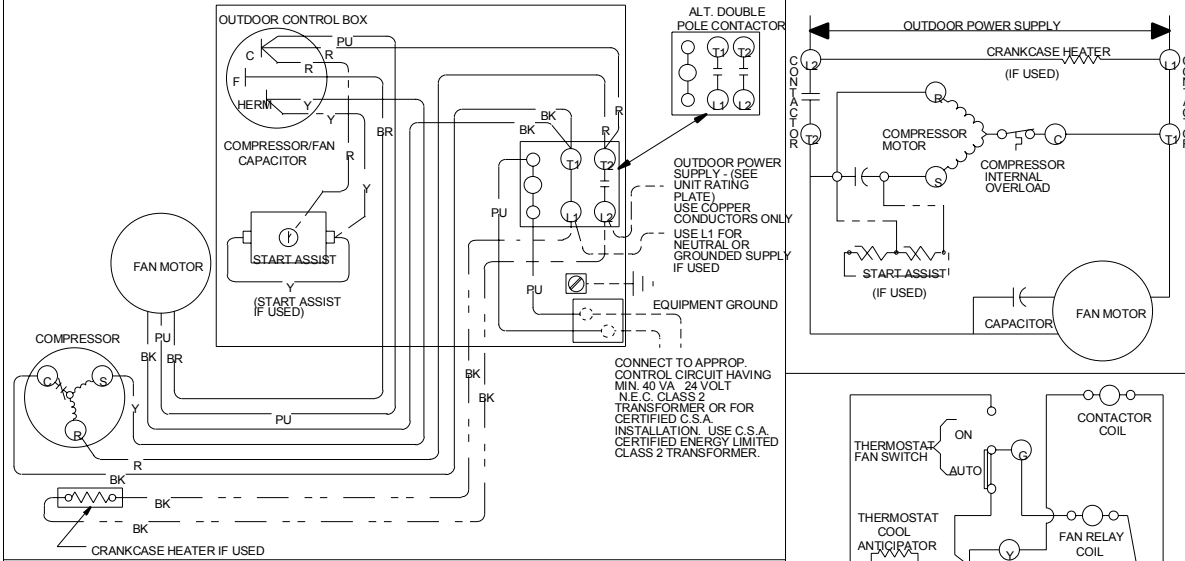
Model Series

AE = Air Handler with ECM Motor
AR = Air Handler with PSC Motor

SERIAL NUMBER IDENTIFICATION



WIRING DIAGRAM FOR REMOTE CONDENSING UNITS (W/ OPTIONAL START ASSIST)

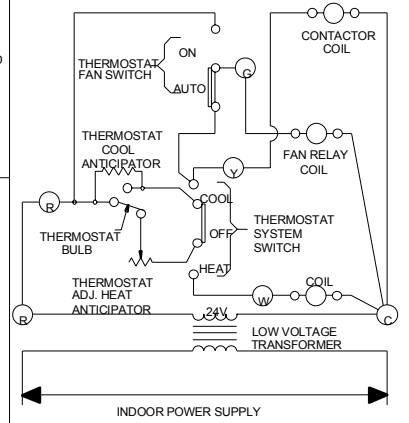
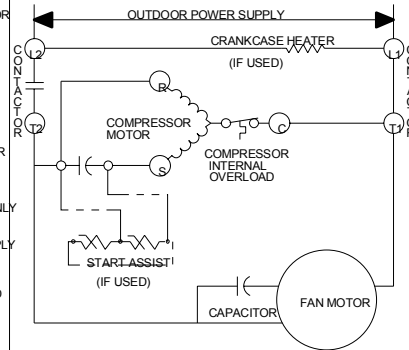


| WIRING CODE | FACTORY WIRING | FIELD WIRING | WIRING FOR FACTORY OPTIONS |
|-----------------------|----------------|--------------|----------------------------|
| HIGH VOLTAGE | --- | --- | --- |
| LOW VOLTAGE | --- | --- | --- |
| WIRE NUT | | --- | |
| OPTIONAL START ASSIST | | --- | |

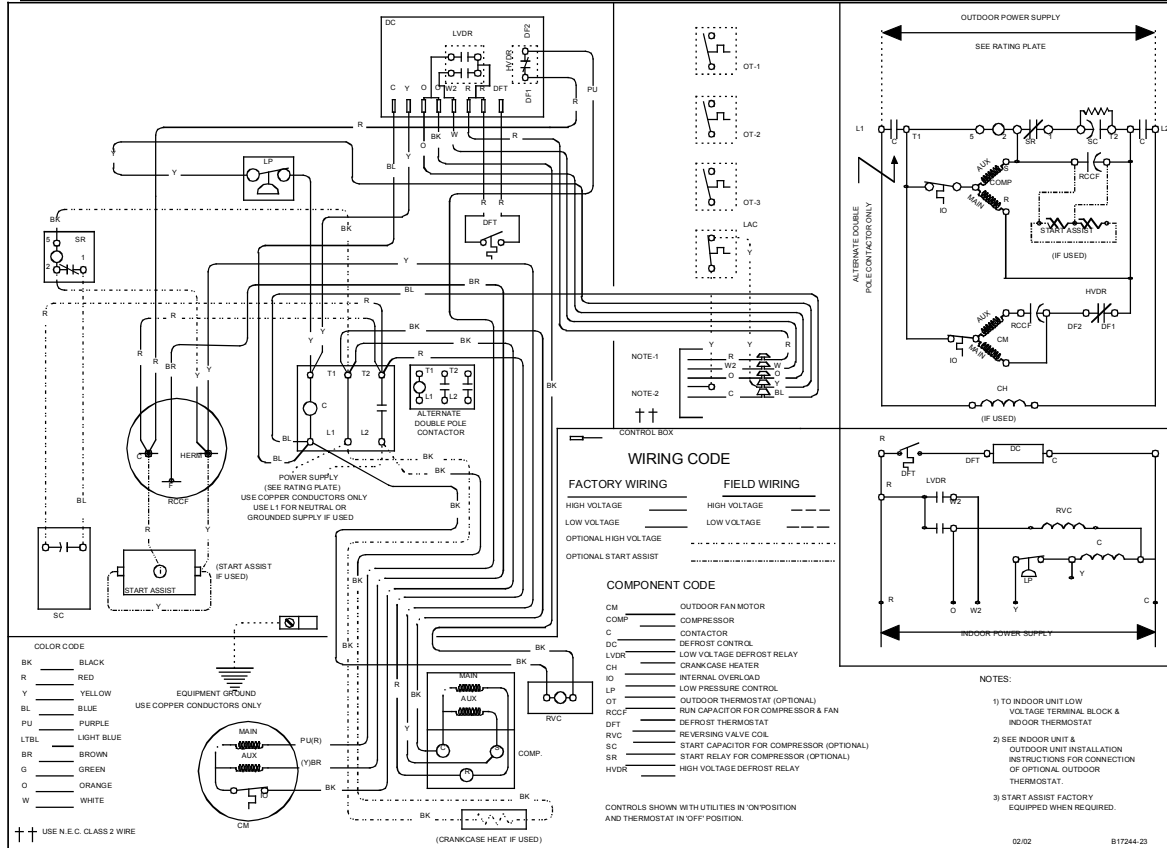
COLOR CODE

- BK — BLACK
- R — RED
- Y — YELLOW
- BL — BLUE
- PU — PURPLE
- LTBL — LIGHT BLUE
- BR — BROWN
- G — GREEN

NOTES:
 REPLACEMENT WIRE MUST BE SAME GAGE AND INSULATION THICKNESS.
 105° C APPLIANCE WIRING MATERIAL.



WIRING DIAGRAM FOR REMOTE HEAT PUMPS



SYSTEM CHARGING-CONDENSING UNITS

All cooling units are to be charged by the superheat method

1. Read suction line pressure
2. Read suction line temperature
3. Determine superheat
 - A. Using refrigerant chart or table 1 below determine saturated liquid temperature for the suction pressure of the system
 - B. Refer to table 2 for required superheat.
 - C. Suction line temperature – saturated suction temperature = superheat.
4. Adjust charge : add refrigerant to lower superheat and decrease refrigerant to raise superheat.

TABLE 1

| SUCTION PSIG | SAT TEMP |
|--------------|----------|
| 50 | 26 |
| 53 | 28 |
| 55 | 30 |
| 58 | 32 |
| 61 | 34 |
| 63 | 36 |
| 66 | 38 |
| 69 | 40 |
| 72 | 42 |
| 75 | 44 |
| 78 | 46 |
| 81 | 48 |

TABLE 2

| AMBIENT TEMP (F) | RETURN AIR TEMPERATURE IN DEG F | | | | |
|------------------|---------------------------------|----|----|----|----|
| | 65 | 70 | 75 | 80 | 85 |
| 100 | | | | 5 | 5 |
| 95 | | | 5 | 5 | 5 |
| 90 | | | 7 | 12 | 18 |
| 85 | | 5 | 10 | 17 | 20 |
| 80 | | 5 | 12 | 21 | 26 |
| 75 | 5 | 10 | 17 | 25 | 29 |
| 70 | 5 | 14 | 20 | 28 | 32 |
| 65 | 13 | 19 | 26 | 32 | 35 |
| 60 | 17 | 25 | 30 | 33 | 37 |

SYSTEM CHECK FOR HEAT PUMP IN HEATING MODE

System must be running for 20 minutes before testing and 10 minutes between adjustments.

1. Read temperature of discharge line half way between compressor and reversing valve
 - A. Care should be taken to assure that reading is not affected by outside temperature.
2. Measure outdoor temperature
3. The temperature of the discharge line = outdoor temperature + 126 degree
4. Add refrigerant to lower temperature, decrease refrigerant to raise the temperature.

10 SEER CONDENSING UNIT

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR | DRYERS | CONTACT |
|----------|-----|------------|-----------|-----------|-----------|----------|----------|
| CKL18-1C | 1.5 | B9266226 | 12621-01 | B94576000 | B13400251 | B1219212 | B1360315 |
| CKL24-1H | 2 | B9266735 | 12621-02 | B94576000 | B13400251 | B1219212 | B1360315 |
| CKL30-1F | 2.5 | B9266639A | 12621-02 | B94575300 | B13400251 | B1219212 | B1360315 |
| CKL36-1H | 3 | B9266351 | 12621-03 | B94575500 | B13400251 | B1219212 | B1360315 |
| CKL36-3A | 3 | B9266386 | 12621-03 | B9456650 | B13400251 | B1219212 | B1360315 |
| CKL42-1A | 3.5 | B9266841A | 12621-05 | B94577400 | B13400251 | B1219212 | B1360315 |
| CKL49-1 | 4 | B9266672 | 12621-09 | B94575600 | B13400247 | B1219225 | B1360315 |
| CKL49-3 | 4 | B9266204A | 12621-09 | B9456650 | B13400247 | B1219225 | B1360315 |
| CKL60-1 | 5 | B9266355 | 12621-10 | B94577500 | B13400247 | B1219225 | B1360315 |
| CKL60-3 | 5 | B9266353 | 12621-10 | B9456650 | B13400247 | B1219225 | B1360315 |
| CKL60-4 | 5 | B9266657 | 12621-10 | B9456650 | B13400269 | B1219225 | B1360315 |
| CKL62-1 | 5 | B9266359 | 1265637A | B94577500 | B13400248 | B1219225 | B1360315 |

7.5 to 10 TON 10 SEER CONDENSING UNIT

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR | DRYERS | CONTACT |
|----------|-----|------------|-----------|-----------|-----------|----------|----------|
| CKL090-3 | 7.5 | B9266383 | 12621-16 | B945673 | B13400354 | B1219228 | B1360335 |
| CKL090-4 | 7.5 | B9266382 | 12621-16 | B945673 | B13400355 | B1219228 | B1360335 |
| CKL120-3 | 10 | B9266385 | 12621-17 | B945673 | B13400354 | B1219228 | B1360335 |
| CKL120-4 | 10 | B9266384 | 12621-17 | B945673 | B13400355 | B1219228 | B1360335 |

10 SEER SPLIT SYSTEM HEAT PUMPS

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR |
|-----------|-----|------------|-----------|-----------|-----------|
| CPLE18-1A | 1.5 | B9266600A | 12622-01 | B94578700 | B13400251 |
| CPLE24-1A | 2 | B9266834A | 12622-05 | B94578700 | B13400251 |
| CPLE30-1 | 2.5 | B9266843A | 12622-07 | B94575300 | B13400251 |
| CPLE36-1 | 3 | B9266835A | 12622-10 | B94577200 | B13400247 |
| CPLE42-1 | 3.5 | B9266218A | 12622-21 | B94575400 | B13400255 |
| CPLE48-1 | 4 | B9266201A | 12622-23 | B94575600 | B13400247 |
| CPLE48-3 | 4 | B9266204A | 12622-23 | B945650 | B13400247 |
| CPLE60-1 | 6 | B9266355 | 12622-23 | B94577500 | B13400247 |
| CPLE60-3 | 6 | B9266353 | 12622-23 | B945650 | B13400247 |

10 SEER SPLIT SYSTEM HEAT PUMPS

| MODEL | TON | DRYERS | CONTACT | ACCUMU | REVERSE VALVE | MUFFLER |
|-----------|-----|----------|----------|----------|---------------|----------|
| CPLE18-1A | 1.5 | B1219204 | B1360321 | B1226205 | B1227300 | B1219300 |
| CPLE24-1A | 2 | B1219204 | B1360321 | B1226205 | B1227300 | B1219300 |
| CPLE30-1 | 2.5 | B1219204 | B1360321 | B1226206 | B1227302 | B1219301 |
| CPLE36-1 | 3 | B1219204 | B1360321 | B1226206 | B1227302 | B1219301 |
| CPLE42-1 | 3.5 | B1219204 | B1360321 | B1226207 | B1227310 | B1219301 |
| CPLE48-1 | 4 | B1219204 | B1360324 | B1226207 | B1227310 | B1219301 |
| CPLE48-3 | 4 | B1219204 | B1360315 | B1226207 | B1227310 | B1219301 |
| CPLE60-1 | 6 | B1219204 | B1360305 | B1226207 | B1227310 | B1219301 |
| CPLE60-3 | 6 | B1219204 | B1360315 | B1226207 | B1227310 | B1219301 |

7.5 to 10 TON 10 SEER HEAT PUMPS

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR |
|-----------|-----|------------|-----------|-----------|-----------|
| CPLE090-3 | 7.5 | B9266382 | 12622-33 | B945673 | B13400354 |
| CPLE090-4 | 7.5 | B9266383 | 12622-33 | B945673 | B13400355 |
| CPLE120-3 | 10 | B9266384 | 12622-34 | B945673 | B13400354 |
| CPLE120-4 | 10 | B9266385 | 12622-34 | B945673 | B13400355 |

7.5 to 10 TON 10 SEER HEAT PUMPS

| MODEL | TON | DRYERS | CONTACT | ACCUMU | REVERSE VALVE |
|-----------|-----|----------|----------|----------|---------------|
| CPLE090-3 | 7.5 | B1219226 | B1360335 | B1226212 | B1227312 |
| CPLE090-4 | 7.5 | B1219226 | B1360335 | B1226212 | B1227312 |
| CPLE120-3 | 10 | B1219226 | B1360335 | B1226212 | B1227313 |
| CPLE120-4 | 10 | B1219226 | B1360335 | B1226212 | B1227313 |

10 SEER SLIP SYSTEM HEAT PUMPS WITH SOUND BLANKET

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR | DRYERS | CONTACT |
|-----------|-----|------------|-----------|-----------|-----------|----------|----------|
| CKLB18-1C | 1.5 | B9266234A | 12621-01 | B94576000 | B13400252 | B1219212 | B1360321 |
| CKLB24-1H | 2 | B9266214A | 12621-02 | B94578700 | B13400252 | B1219212 | B1360321 |
| CKLB30-1F | 2.5 | B9266830A | 12621-02 | B94575300 | B13400252 | B1219212 | B1360321 |
| CKLB36-1H | 3 | B9266606A | 12621-03 | B94575500 | B13400251 | B1219212 | B1360321 |

12 SEER SPLIT SYSTEM HEAT PUMPS

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR | DRYERS | CONTACT |
|----------|-----|------------|-----------|-----------|-----------|----------|----------|
| CLJ18-1 | 1.5 | B9266837A | 12621-03 | B94576000 | B13400252 | B1219212 | B1360321 |
| CLJ24-1 | 2 | B9266844A | 12621-05 | B94578700 | B13400348 | B1209212 | B1360321 |
| CLJ30-1 | 2.5 | B9266833A | 12621-07 | B94575300 | B13400348 | B1209212 | B1360321 |
| CLJ36-1A | 3 | B9266373 | 12621-09 | B94575300 | B13400270 | B1209212 | B1360321 |
| CLJ42-1A | 3.5 | B9266831A | 12621-10 | B94577200 | B13400270 | B1209212 | B1360321 |
| CLJ48-1A | 4 | B9266352 | 12621-10 | B94577500 | B13400247 | B1219225 | B1360321 |
| CLJ60-1 | 5 | B9266349 | 12621-12 | B94577600 | B13400247 | B1219225 | B1360321 |
| CLJ64-1 | 5 | B9266393 | 12621-15 | B94577600 | B13400271 | B1219225 | B1360321 |

13 SEER SPLIT SYSTEM HEAT PUMPS

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR | DRYERS | CONTACT |
|----------|-----|------------|-----------|-----------|-----------|----------|----------|
| CLT24-1A | 2 | B9266387 | 12621-07 | B94575300 | B13400348 | B1219212 | B1360321 |
| CLT30-1A | 2.5 | B9600388 | 12621-09 | B94575300 | B13400348 | B1219212 | B1360321 |
| CLT36-1A | 3 | B9266380 | 12621-10 | B94577200 | B13400270 | B1219212 | B1360321 |
| CLT42-1A | 3.5 | B9266375 | 12621-11 | B94577400 | B13400270 | B1219212 | B1360321 |
| CLT48-1A | 4 | B9266389 | 12621-12 | B94575900 | B13400270 | B1219225 | B1360324 |
| CLT60-1 | 6 | B9266379 | 12621-12 | B94578800 | B13400270 | B1219225 | B1360305 |

14 SEER SPLIT SYSTEM HEAT PUMPS

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR | DRYERS | CONTACT |
|----------|-----|------------|-----------|-----------|-----------|----------|----------|
| CLQ24-1A | 2 | B9266387 | 12621-10 | B94575300 | B94575300 | B1209212 | B1360321 |
| CLQ30-1A | 2.5 | B9266388 | 12621-10 | B94575300 | B13400348 | B1209212 | B1360321 |
| CLQ36-1 | 3 | B9266369 | 12621-11 | B94577200 | B13400270 | B1209212 | B1360321 |
| CLQ42-1 | 3.5 | B9266391 | 12621-13 | B94577400 | B13400271 | B1209212 | B1360321 |
| CLQ48-1 | 4 | B9266389 | 12621-14 | B94575800 | B13400271 | B1219225 | B1360324 |
| CLQ60-1 | 5 | B9266379 | 12621-15 | B94578800 | B13400271 | B1219225 | B1360325 |

12 SEER SPLIT SYSTEM HEAT PUMPS

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR |
|-----------|-----|------------|-----------|-----------|-----------|
| CPLJ18-1 | 1.5 | B9266842A | 12622-09 | B94578700 | B13400348 |
| CPLJ24-1 | 2 | B9266833A | 12622-10 | B94578700 | B13400348 |
| CPLJ30-1 | 2.5 | B9266639A | 12622-14 | B94575300 | B13400348 |
| CPLJ36-1A | 3 | B9266642A | 12622-18 | B94575500 | B13400348 |
| CPLJ42-1A | 3.5 | B9266839A | 12622-26 | B94577200 | B13400247 |
| CPLJ48-1A | 4 | B9266838A | 12622-26 | B94577200 | B13400247 |
| CPLJ60-1A | 5 | B9266349 | 12622-30 | B94577600 | B13400248 |

12 SEER SPLIT SYSTEM HEAT PUMPS

| MODEL | TON | DRYERS | CONTACT | ACCUMU | REVERSE | MUFFLER |
|-----------|-----|----------|----------|----------|----------|----------|
| CPLJ18-1 | 1.5 | B1219204 | B1360321 | B1226205 | B1227300 | B1219300 |
| CPLJ24-1 | 2 | B1219204 | B1360321 | B1226206 | B1227302 | B1219300 |
| CPLJ30-1 | 2.5 | B1219204 | B1360321 | B1226206 | B1227302 | B1219301 |
| CPLJ36-1A | 3 | B1219204 | B1360321 | B1226206 | B1227302 | B1219301 |
| CPLJ42-1A | 3.5 | B1219204 | B1360321 | B1226207 | B1227310 | B1219301 |
| CPLJ48-1A | 4 | B1219204 | B1360324 | B1226207 | B1227310 | B1219301 |
| CPLJ60-1A | 5 | B1219204 | B1360305 | B1226207 | B1227310 | B1219301 |

13 SEER SPLIT SYSTEM HEAT PUMPS

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR |
|-----------|-----|------------|-----------|-----------|-----------|
| CPLT24-1A | 2 | B9266390 | 12622-18 | B94575300 | B13400348 |
| CPLT30-1A | 2.5 | B9266369 | 12622-13 | B94577200 | B13400348 |
| CPLT36-1 | 3 | B9266380 | 12622-15 | B94577200 | B13400270 |
| CPLT42-1 | 3.5 | B9266375 | 12622-22 | B94577400 | B13400270 |
| CPLT48-1 | 4 | B9266352 | 12622-31 | B94577500 | B13400270 |
| CPLT60-1 | 5 | B9266379 | 12622-32 | B94578800 | B13400270 |

13 SEER SPLIT SYSTEM HEAT PUMPS

| MODEL | TON | DRYERS | CONTACT | ACCUMU | REVERSE | MUFFLER |
|-----------|-----|----------|----------|----------|----------|----------|
| CPLT24-1A | 2 | B1219204 | B1360321 | B1226206 | B1227303 | B1219301 |
| CPLT30-1A | 2.5 | B1219204 | B1360321 | B1226206 | B1227302 | B1219301 |
| CPLT36-1 | 3 | B1219204 | B1360324 | B1226207 | B1227310 | B1219301 |
| CPLT42-1 | 3.5 | B1219204 | B1360324 | B1226207 | B1227310 | B1219301 |
| CPLT48-1 | 4 | B1219204 | B1360324 | B1226207 | B1227310 | B1219301 |
| CPLT60-1 | 5 | B1219204 | B1360305 | B1226207 | B1227310 | B1219301 |

AIR HANDLERS LIGHT COMMERCIAL

| MODEL | TON | CONTACTOR | FAN BELT | XFMR | MOTOR | BLOWER | SVC COIL | DR. PAN ASSY |
|-------|-----|-----------|----------|----------|----------|-----------|-----------|-----------------|
| AR090 | 7.5 | B1360315 | B2110005 | B1141672 | B3240002 | 21005-00S | 21010-00S | 21020-00S |
| AR120 | 10 | B1360315 | B2110011 | B1141672 | B3240006 | 21005-01S | 21010-01S | 21020-00S |

MULTI POSITION ELECTRIC HEAT/COOL AIR HANDLERS

| MODEL | TON | BOARD PRIMARY | BOARD SECONDARY | XFMR | MOTOR VAR SPD | BLOWER | SVC COIL | DR.PAN VERTICAL | DR.PAN HORIZ |
|---------|-----|------------------|--------------------|----------|------------------|----------|----------|--------------------|-----------------|
| AER24-1 | 2 | B1369270 | B1369271 | B1141643 | B13400702AB | B1368037 | P140142 | B1756017H | B1756022L |
| AER30-1 | 2.5 | B1369270 | B1369271 | B1141643 | B13400702AB | B1368037 | P140142 | B1756017H | B1756022L |
| AER36-1 | 3 | B1369270 | B1369271 | B1141643 | B13400704AB | B1368048 | P140149 | B1756020H | B1756028L |
| AER48-1 | 4 | B1369270 | B1369271 | B1141643 | B13400704AB | B1368048 | P140161 | B1756020H | B1756028L |
| AER60-1 | 5 | B1369270 | B1369271 | B1141643 | B13400704AB | B1368048 | P140161 | B1756020H | B1756028L |

VERTICAL WALL MOUNTED AIR HANDLERS

| MODEL | TON | HEATER | BREAKER | SEQ. | TIME DEL. RELAY | XFMR | MOTOR |
|-----------|-----|-----------|-----------|-----------|--------------------|-----------|-----------|
| AWB18-05C | 1.5 | BT1420014 | BT1753505 | BT1256500 | BT1370700 | BT1141601 | BT1340028 |
| AWB18-08C | 1.5 | BT1420016 | BT1753501 | BT1256504 | BT1370700 | BT1141601 | BT1340028 |
| AWB24-05C | 2 | BT1420014 | BT1753505 | BT1256500 | BT1370700 | BT1141601 | BT1340028 |
| AWB24-08C | 2 | BT1420016 | BT1753501 | BT1256504 | BT1370700 | BT1141601 | BT1340028 |
| AWB24-10C | 2 | BT1420017 | BT1753501 | BT1256504 | BT1370700 | BT1141601 | BT1340028 |
| AWB30-05C | 2.5 | BT1420014 | BT1753505 | BT1256500 | BT1370700 | BT1141601 | BT1340027 |
| AWB30-08C | 2.5 | BT1420016 | BT1753501 | BT1256504 | BT1370700 | BT1141601 | BT1340027 |
| AWB30-10C | 2.5 | BT1420017 | BT1753501 | BT1256504 | BT1370700 | BT1141601 | BT1340027 |

VERTICAL WALL MOUNTED AIR HANDLERS

| MODEL | TON | BLOWER | CAPACITOR | SVC COIL | DR. PAN | OVLD PRIMARY | OVLD SECND'RY |
|-----------|-----|-----------|-----------|-------------|-----------|-----------------|------------------|
| AWB18-05C | 1.5 | BT1368007 | BT9458000 | 3796004 | BT3076500 | BT1243744 | BT1243745 |
| AWB18-08C | 1.5 | BT1368007 | BT9458000 | 3796004 | BT3076500 | BT1243744 | BT1243745 |
| AWB24-05C | 2 | BT1368007 | BT9458000 | 3796001 | BT3076500 | BT1243744 | BT1243745 |
| AWB24-08C | 2 | BT1368007 | BT9458000 | 3796001 | BT3076500 | BT1243744 | BT1243745 |
| AWB24-10C | 2 | BT1368007 | BT9458000 | 3796001 | BT3076500 | BT1243744 | BT1243745 |
| AWB30-05C | 2.5 | BT1368007 | BT9458003 | 3796005 | BT3076500 | BT1243744 | BT1243745 |
| AWB30-08C | 2.5 | BT1368007 | BT9458003 | 3796005 | BT3076500 | BT1243744 | BT1243745 |
| AWB30-10C | 2.5 | BT1368007 | BT9458003 | 3796005 | BT3076500 | BT1243744 | BT1243745 |

VERTICAL WALL MOUNTED AIR HANDLERS

| MODEL | TON | HEATER | DISTRIB. ASSY | DISCONNECT | TIME DEL. RELAY/BOARD | XFMR | MOTOR |
|-------------|-----|-----------|------------------|------------|--------------------------|-----------|-----------|
| AWB36-05CFR | 3 | BT1420018 | BT1369011 | BT1753509 | BT1370700 | BT1141601 | BT1340031 |
| AWB36-08CFR | 3 | BT1420019 | BT1369011 | BT1753509 | B1370735 | BT1141601 | BT1340031 |
| AWB36-10CFR | 3 | BT1420020 | BT1369011 | BT1753509 | B1370735 | BT1141601 | BT1340031 |

VERTICAL WALL MOUNTED AIR HANDLERS

| MODEL | TON | BLOWER | CAPACITOR | SVC COIL | DR. PAN | OVL D PRIMARY | OVL D SECND'RY |
|-------------|-----|-----------|-----------|-------------|-----------|------------------|-------------------|
| AWB36-05CFR | 3 | BT1368009 | BT9458003 | 3796009S | BT3076501 | BT1243752 | BT1243753 |
| AWB36-08CFR | 3 | BT1368009 | BT9458003 | 3796009S | BT3076501 | BT1243752 | BT1243753 |
| AWB36-10CFR | 3 | BT1368009 | BT9458003 | 3796009S | BT3076501 | BT1243752 | BT1243753 |

VERTICAL AIR HANDLERS - HYDRONIC HEAT

| MODEL | TON | XFMR | TIME DEL. BOARD | PUMP RELAY | HYD. COIL | DR. PAN |
|------------|-----|------------|--------------------|---------------|-----------|------------|
| AH1826-1 | 1.5 | BT11416-00 | BT13707-00 | BT13707-01 | 37970-00 | BT30765-00 |
| AH2429-1 | 2 | BT11416-00 | BT13707-00 | BT13707-01 | 37970-00 | BT30765-00 |
| AH3043-1FR | 2.5 | BT11416-00 | BT13707-00 | BT13707-01 | 37970-03 | 37700-28 |
| AH3645-1FR | 3 | BT11416-00 | BT13707-00 | BT13707-01 | 37970-03 | 37700-28 |

VERTICAL AIR HANDLERS - HYDRONIC HEAT

| MODEL | TON | CAPACITOR | CHECK VALVE | SVC COIL ASM | MOTOR | BLOWER |
|------------|-----|------------|----------------|-----------------|------------|-----------|
| AH1826-1 | 1.5 | BT94580-00 | BT1400004 | 37960-00 | BT13400-11 | 37501-00S |
| AH2429-1 | 2 | BT94580-00 | BT1400004 | 37960-01 | BT13400-11 | 37501-01S |
| AH3043-1FR | 2.5 | BT94580-00 | BT1400004 | 37960-10 | BT13400-11 | 37501-02S |
| AH3645-1FR | 3 | BT94580-00 | BT1400004 | 37960-10 | BT13400-11 | 37501-03S |

HORIZONTAL AIR HANDLER - ELECTRIC HEAT

| MODEL | TONS | HEATER | BREAKER | SEQ. | TIME DELAY BOARD | XFMR |
|--------------|-------------|---------------|----------------|-------------|-----------------------------|-------------|
| AC18-00C A | 1.5 | ----- | B1753510 | ----- | B1370735 | BT11416-01 |
| AC18-05C B | 1.5 | BT14200-10 | B1753510 | BT12565-00 | B1370735 | BT11416-01 |
| AC18-06C B | 1.5 | BT14200-13 | B1753510 | BT12565-01 | B1370735 | BT11416-01 |
| AC18-08C B | 1.5 | BT13680-11 | B1753510 | BT12565-01 | B1370735 | BT11416-01 |
| AC24-00C A | 2 | ----- | B1753510 | ----- | B1370735 | BT11416-01 |
| AC24-05C B | 2 | BT14200-10 | B1753510 | BT12565-00 | B1370735 | BT11416-01 |
| AC24-06C B | 2 | BT14200-15 | B1753510 | BT12565-01 | B1370735 | BT11416-01 |
| AC24-08C B | 2 | BT14200-11 | B1753510 | BT12565-01 | B1370735 | BT11416-01 |
| AC24-10C B | 2 | BT14200-12 | B1753510 | BT12565-01 | B1370735 | BT11416-01 |
| AC30-00C A | 2.5 | ----- | B1753510 | ----- | B1370735 | BT11416-01 |
| AC30-05C B | 2.5 | BT14200-10 | B1753510 | BT12565-00 | B1370735 | BT11416-01 |
| AC30-08C B | 2.5 | BT14200-11 | B1753510 | BT12565-01 | B1370735 | BT11416-01 |
| AC30-10C B | 2.5 | BT14200-12 | B1753510 | BT12565-01 | B1370735 | BT11416-01 |
| AC36-00C A | 3 | ----- | B1753510 | ----- | B1370735 | BT11416-01 |
| AC36-05C B | 3 | BT14200-10 | B1753510 | BT12565-00 | B1370735 | BT11416-01 |
| AC36-08C B | 3 | BT14200-10 | B1753510 | BT12565-00 | B1370735 | BT11416-01 |
| AC36-10CB | 3 | BT14200-12 | B1753510 | BT12565-01 | B1370735 | BT11416-01 |

HORIZONTAL AIR HANDLER - ELECTRIC HEAT

| MODEL | TONS | MOTOR | BLOWER | CAPACITOR | SVC COIL | DR.PAN |
|------------|------|------------|------------|------------|----------|----------|
| AC18-00C A | 1.5 | BT13400-14 | BT13680-11 | BT94580-00 | 36649-00 | 36700-00 |
| AC18-05C B | 1.5 | BT13400-14 | BT13680-11 | BT94580-00 | 36649-00 | 36700-00 |
| AC18-06C B | 1.5 | BT13400-14 | BT13680-11 | BT94580-00 | 36649-00 | 36700-00 |
| AC18-08C B | 1.5 | BT13400-14 | BT13680-11 | BT94580-00 | 36649-00 | 36700-00 |
| AC24-00C A | 2 | BT13400-15 | BT13680-12 | BT94580-00 | 36649-00 | 36700-00 |
| AC24-05C B | 2 | BT13400-15 | BT13680-12 | BT94580-00 | 36649-00 | 36700-00 |
| AC24-06C B | 2 | BT13400-15 | BT13680-12 | BT94580-00 | 36649-00 | 36700-00 |
| AC24-08C B | 2 | BT13400-15 | BT13680-12 | BT94580-00 | 36649-00 | 36700-00 |
| AC24-10C B | 2 | BT13400-15 | BT13680-12 | BT94580-00 | 36649-00 | 36700-00 |
| AC30-00C A | 2.5 | BT13400-15 | BT13680-13 | BT94580-00 | 36649-01 | 36700-01 |
| AC30-05C B | 2.5 | BT13400-15 | BT13680-13 | BT94580-00 | 36649-01 | 36700-01 |
| AC30-08C B | 2.5 | BT13400-15 | BT13680-13 | BT94580-00 | 36649-01 | 36700-01 |
| AC30-10C B | 2.5 | BT13400-15 | BT13680-13 | BT94580-00 | 36649-01 | 36700-01 |
| AC36-00C A | 3 | BT13400-16 | BT13680-14 | BT94580-00 | 36649-02 | 36700-02 |
| AC36-05C B | 3 | BT13400-16 | BT13680-14 | BT94580-00 | 36649-02 | 36700-02 |
| AC36-08C B | 3 | BT13400-16 | BT13680-14 | BT94580-00 | 36649-02 | 36700-02 |
| AC36-10CB | 3 | BT13400-16 | BT13680-14 | BT94580-00 | 36649-02 | 36700-02 |

HORIZONTAL AIR HANDLER - ELECTRIC HEAT

| MODEL | TON | XFMR | TIME DEL. BOARD | PUMP RELAY | HYD. COIL | DR. PAN |
|--------------|-----|-----------|--------------------|---------------|-----------|---------|
| ACHP1819-1 A | 1.5 | BT1141600 | B1370735 | BT1370701 | 3697000S | 3670000 |
| ACHP2423-1 A | 2 | BT1141600 | B1370735 | BT1370701 | 3697000S | 3670000 |
| ACHP3028-1 A | 2.5 | BT1141600 | B1370735 | BT1370701 | 3697001S | 3670000 |
| ACHP3632-1 A | 3 | BT1141600 | B1370735 | BT1370701 | 3697010S | 3670003 |

HORIZONTAL AIR HANDLER - ELECTRIC HEAT

| MODEL | TON | CAPACITOR | CHECK VALVE | SVC COIL ASM | MOTOR | BLOWER |
|--------------|-----|-----------|----------------|-----------------|-----------|-----------|
| ACHP1819-1 A | 1.5 | BT9458003 | BT1400004 | 3696000 | BT1340023 | BT1368011 |
| ACHP2423-1 A | 2 | BT9458003 | BT1400004 | 3696001 | BT1340024 | BT1368014 |
| ACHP3028-1 A | 2.5 | BT9458003 | BT1400004 | 3696002 | BT1340024 | BT1368014 |
| ACHP3632-1 A | 3 | BT9458041 | BT1400004 | 3696004 | BT1340041 | BT1368019 |

AIR HANDLER 60HZ

| MODEL | TON | BOARD PRIMARY | BOARD SECONDARY | XFMR | MOTOR |
|---------------|-----|------------------|--------------------|----------|-------------|
| AEPT030-00A-1 | 2.5 | B1368270 | B1368271 | B1141643 | B13400702AB |
| AEPT036-00A-1 | 3 | B1368270 | B1368271 | B1141643 | B13400704AB |
| AEPT060-00A-1 | 5 | B1368270 | B1368271 | B1141643 | B13400704AB |

AIR HANDLER 60HZ

| MODEL | TON | BLOWER WHEEL | SVC COIL | DR. PAN HORIZONTAL | DR. PAN VERTICAL |
|---------------|-----|-----------------|----------|-----------------------|---------------------|
| AEPT030-00A-1 | 2.5 | B1368037 | 1262403 | B1756022L | B1756017H |
| AEPT036-00A-1 | 3 | B1368048 | 1262404 | B1756028L | B1756020H |
| AEPT060-00A-1 | 5 | B1368048 | 1262405 | B1756028L | B1756020H |

AIR HANDLER DEDICATED DOWNFLOW

| MODEL | TON | CAPACITOR | RELAY | XFMR | MOTOR | BLOWER WHEEL | SVC COIL PAN ASM |
|---------------|-----|-----------|-----------|----------|-----------|-----------------|---------------------|
| ARPF024-00B-1 | 2 | B945650 | B1370735S | B1141643 | B13400313 | B1368042 | P140224 |
| ARPF036-00B-1 | 3 | B945651 | B1370735S | B1141643 | B13400312 | B1368042 | P140236 |
| ARPF048-00B-1 | 4 | B945653 | B1370735S | B1141643 | B13400208 | B1368057 | P140260 |
| ARPF060-00B-1 | 5 | B945672 | B1370735S | B1141643 | B13400353 | B1368036 | P140248 |

| MODEL | TON | CAPACITOR | TIME DELAY BOARD | XFMR | MOTOR | BLOWER WHEEL | SVC COIL PAN ASM | DR. PAN HORIZONTAL | DR. PAN VERTICAL |
|---------------|-----|-----------|---------------------|----------|-----------|-----------------|---------------------|-----------------------|---------------------|
| ARPT024-00A-1 | 2 | B945650 | B1370735 | B1141643 | B13400313 | B1368042 | 1262400 | B1756021L | B1756013L |
| ARPT032-00A-1 | 2.5 | B945651 | B1370735 | B1141643 | B13400312 | B1368042 | 1262401 | B1756021L | B1756013L |
| ARPT036-00A-1 | 3 | B945651 | B1370735 | B1141643 | B13400312 | B1368036 | 1262402 | B1756022L | B1756017L |
| ARPT042-00A-1 | 3.5 | B945672 | B1370735 | B1141643 | B13400353 | B1368036 | 1262403 | B1756022L | B1756017L |
| ARPT049-00A-1 | 4 | B945672 | B1370735 | B1141643 | B13400353 | B1368036 | 1262404 | B1756020L | B1756028L |
| ARPT061-00A-1 | 5 | B945653 | B1370735 | B1141643 | B13400208 | B1368057 | 1262405 | B1756020L | B1756028L |

AIR HANDLER 60HZ

| MODEL | TON | CAPACITOR | RELAY | XFMR | MOTOR | BLOWER | SVC COIL PAN ASM | DR. PAN HORIZONTAL | DR. PAN VERTICAL |
|---------------|-----|-----------|-----------|----------|------------|-----------|---------------------|-----------------------|---------------------|
| ARUF018-00A-1 | 1.5 | B945650 | B1370735S | B1141643 | B13400313 | B1368035 | P140118 | B1756021L | B1756013L |
| ARUF024-00A-1 | 2 | B945650 | B1370735S | B1141643 | B13400313 | B1368042 | P140124 | B1756021L | B1756013L |
| ARUF030-00A-1 | 2.5 | B945651 | B1370735S | B1141643 | B13400312 | B1368042 | P140130 | B1756021L | B1756013L |
| ARUF032-00A-1 | 2.5 | B945651 | B1370735S | B1141643 | B13400312 | B1368042 | P140132 | B1756022L | B1756017L |
| ARUF036-00A-1 | 3 | B945651 | B1370735S | B1141643 | B13400312 | B1368036 | P140136 | B1756022L | B1756017L |
| ARUF042-00A-1 | 3.5 | B945672 | B1370735S | B1141643 | B13400312 | B1368036 | P140142 | B1756022L | B1756017L |
| ARUF048-00A-1 | 4 | B945672 | B1370735S | B1141643 | B13400353 | B1368036 | P140148 | B1756028L | B1756020L |
| ARUF049-00A-1 | 4 | B945672 | B1370735S | B1141643 | B13400353 | B1368036 | P140149 | B1756028L | B1756020L |
| ARUF060-00A-1 | 5 | B945653 | B1370735S | B1141643 | B13400353 | B1368057 | P140160 | B1756028L | B1756020L |
| ARUF061-00A-1 | 5 | B945653 | B1370735S | B1141643 | B13400208S | B1368047A | P140161 | B1756028L | B1756020L |

10 SEER MINI SPLIT 60 HZ COOLING

| MODEL | TON | COMPRESSOR | COIL COND | CAPACITOR | MOTOR | DRYERS | CONTACT |
|----------|-----|------------|-----------|------------|------------|-----------|-----------|
| HDC12-1A | 1 | B9266-724 | 31649-00 | B9457-6000 | B13400-701 | B12192-17 | B13603-22 |
| HDC18-1A | 1.5 | B9266-685 | 31649-02 | B9457-5300 | B13400-701 | B12192-17 | B13603-22 |
| HDC24-1A | 2 | B9266-686 | 31649-02 | B9457-8700 | B13400-701 | B12192-17 | B13603-22 |

THROUGH THE WALL CONDENSER

| MODEL | TON | COMP | MOTOR | DRIER | COND COIL | CAPACITOR | CONTACTOR | SERVICE VALVE |
|----------|-----|----------|-----------|----------|-----------|-----------|-----------|---------------|
| TWC24-1 | 2 | B9266395 | BT1340042 | B1219212 | CRK-01 | B95475300 | B1360300 | B1282566 |
| TWCR30-1 | 2.5 | B9266394 | BT1340042 | B1219212 | CRK-01 | B94575500 | B1360300 | B1282566 |

GAS FURNACES

GoodPartssm

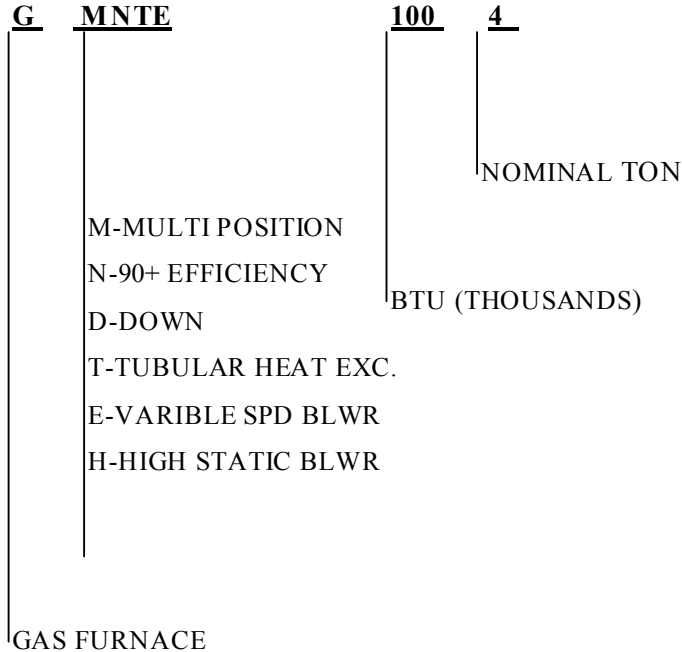
Quick Reference Parts Manual

WARNING:

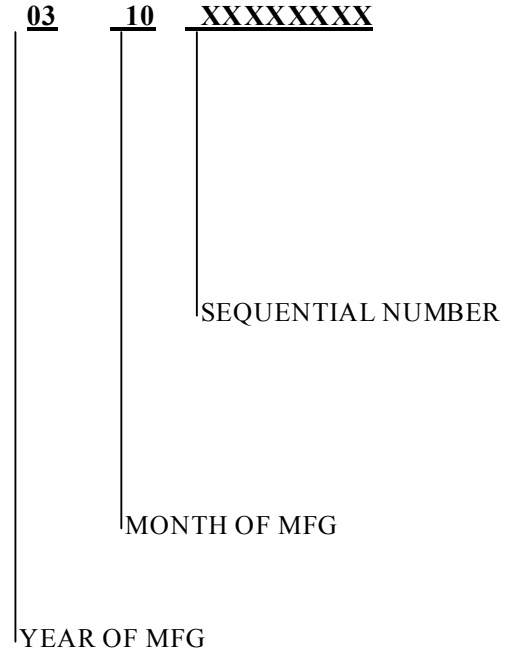
For use by trained professional technicians only. Dangerous and hazardous conditions exist, similar to all air conditioners, which can cause property damage, serious injury or death.

MODEL/SERIAL NUMBER IDENTIFICATION

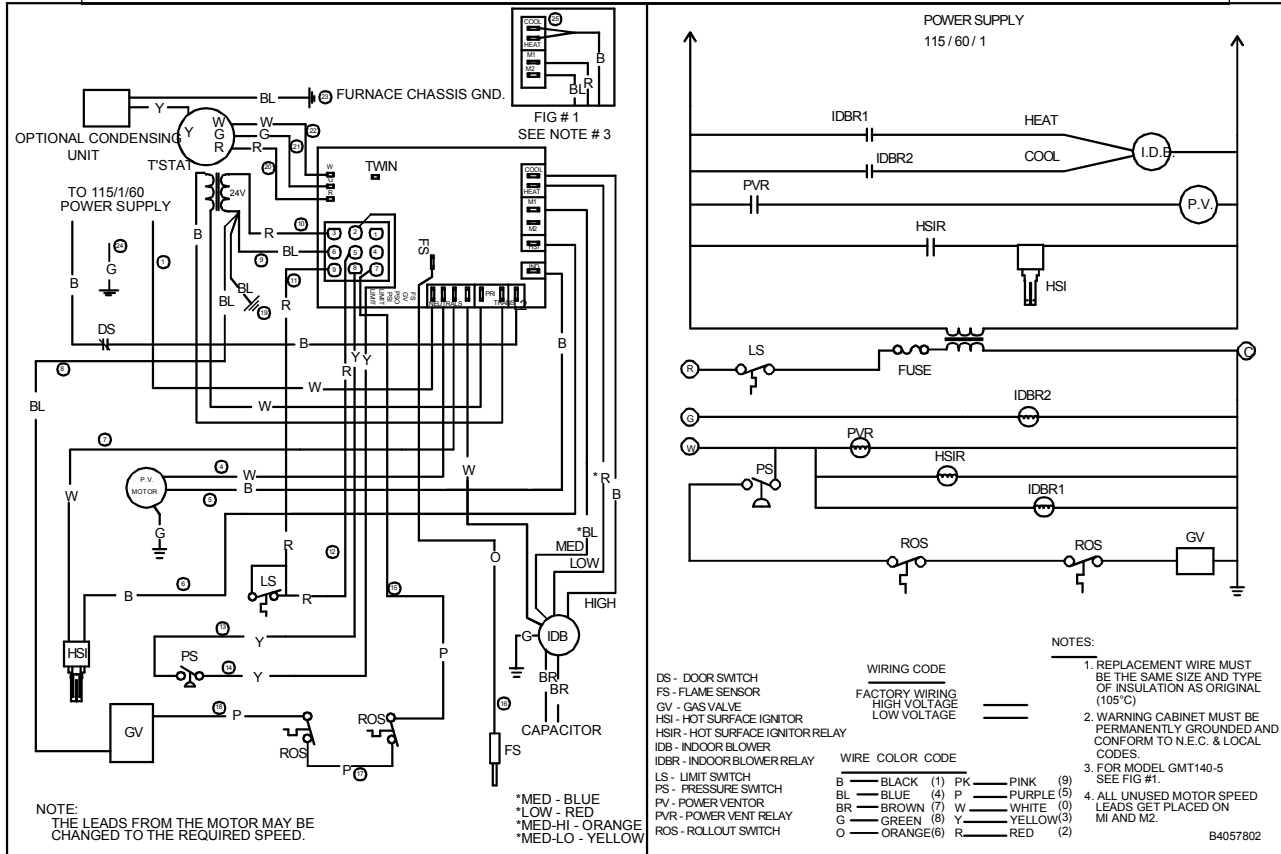
MODEL NUMBER IDENTIFICATION



SERIAL NUMBER IDENTIFICATION



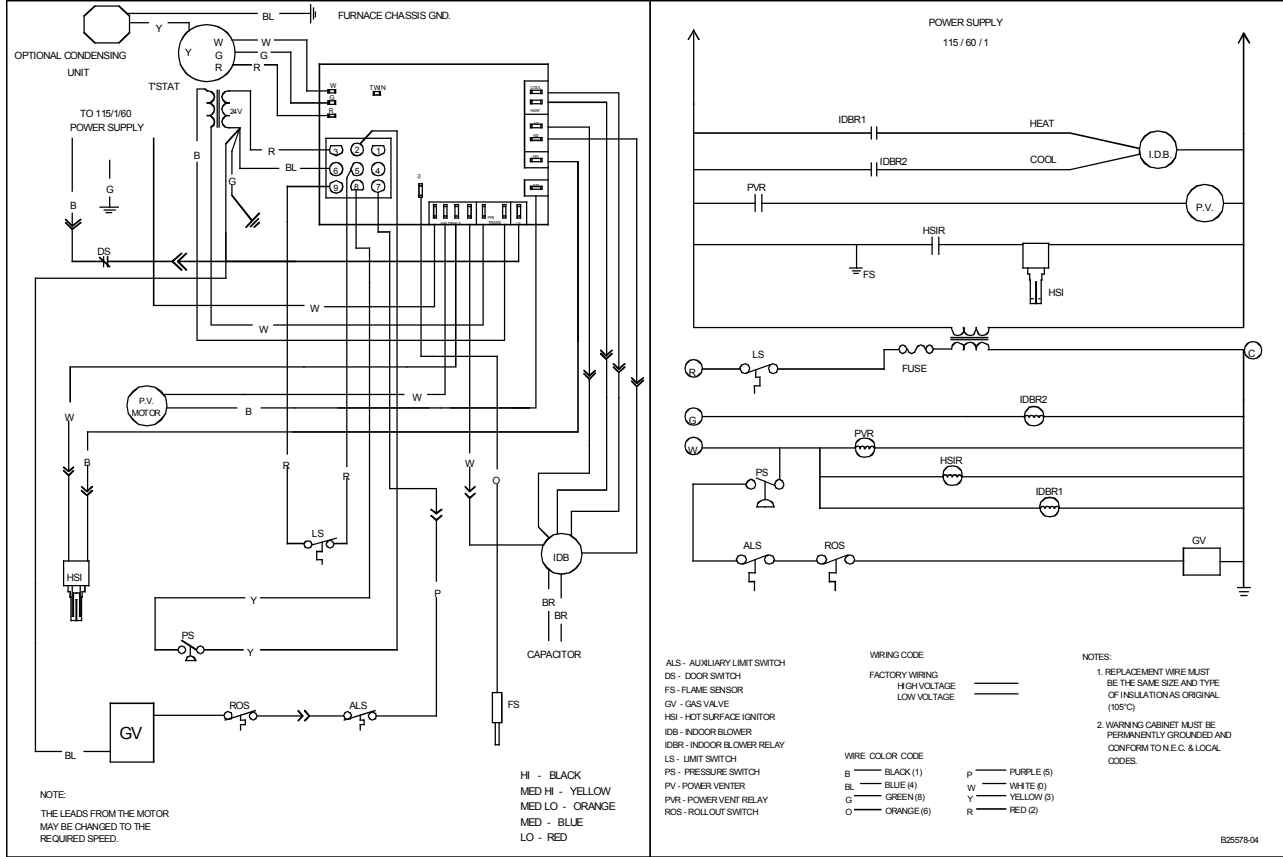
WIRING DIAGRAM FOR GAS FURNACE (GMT/GMTH)



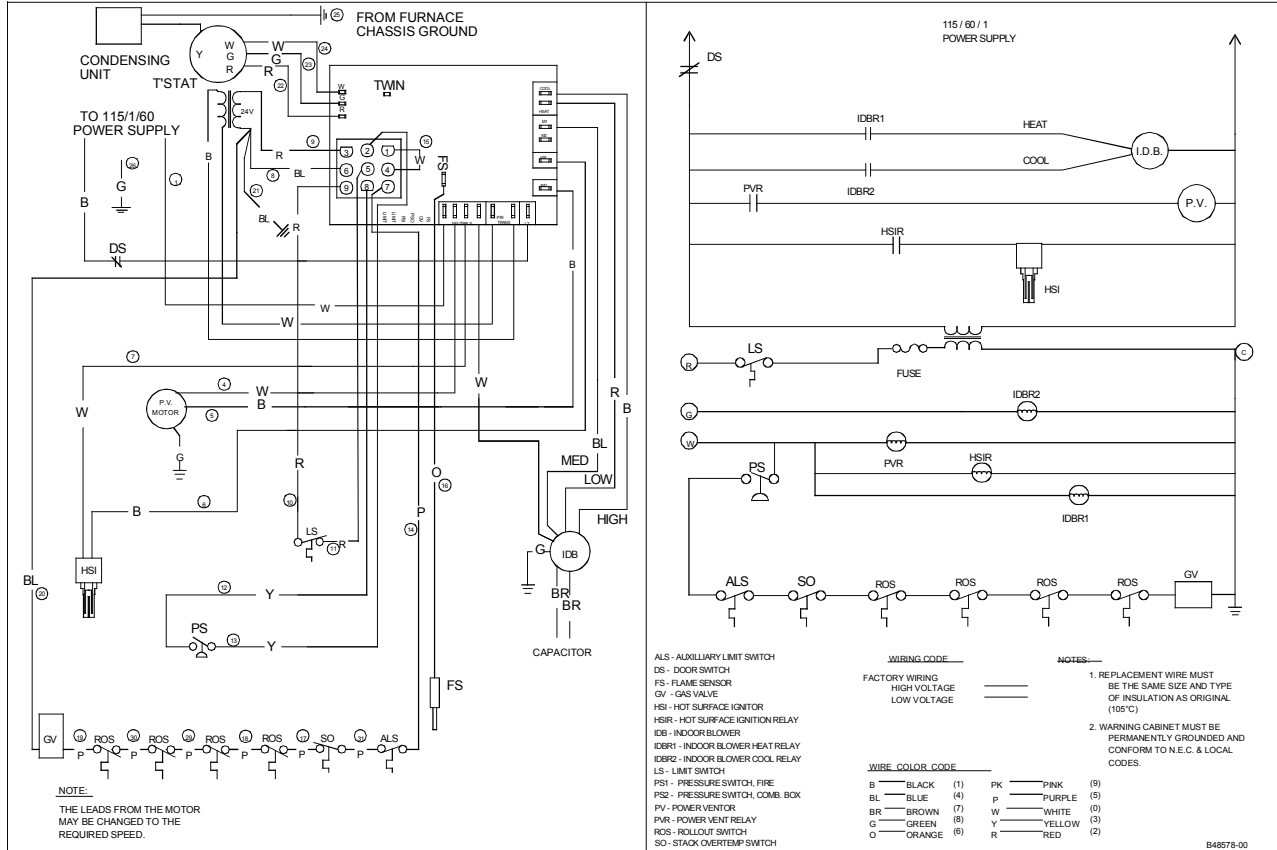
NOTE:
THE LEADS FROM THE MOTOR MAY BE CHANGED TO THE REQUIRED SPEED.

*MED - BLUE
 *LOW - RED
 *MED-HI - ORANGE
 *MED-LO - YELLOW

WIRING DIAGRAM FOR GAS FURNACE (GDT)

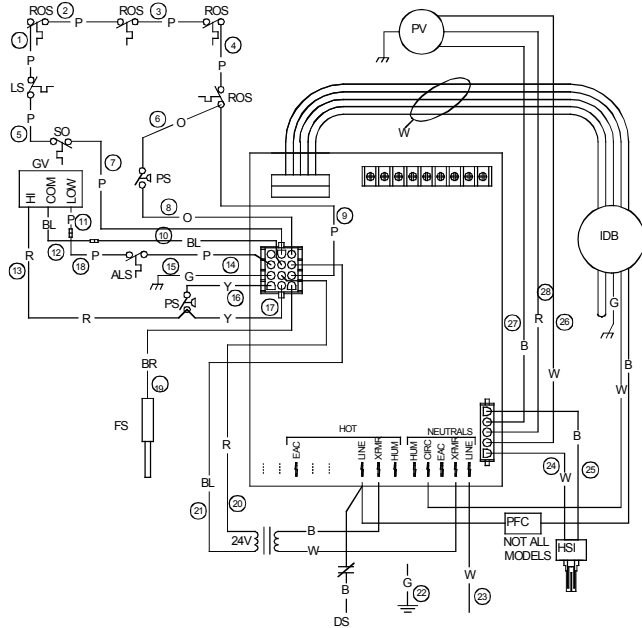


WIRING DIAGRAM FOR GAS FURNACE (GMNT)



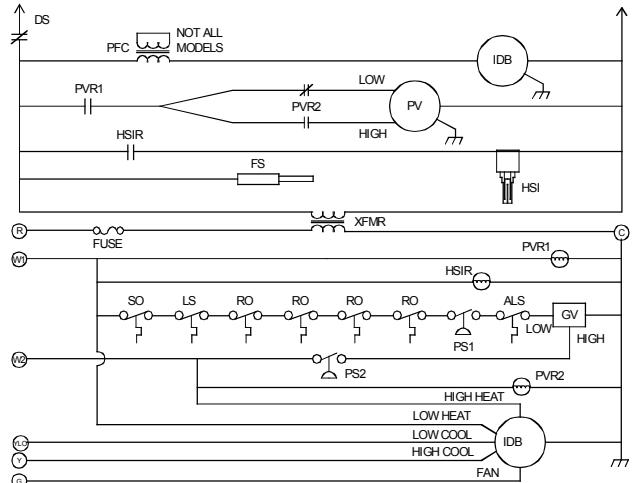
B48876-00

WIRING DIAGRAM FOR GAS FURNACE (GMNTE)



TO 115/60
POWER SUPPLY

115 / 60 / 1
POWER SUPPLY



- ALS** - AUXILIARY LIMIT SWITCH
DS - DOOR SWITCH
FS - FLAME SENSOR
GV - GAS VALVE
HSI - HOT SURFACE IGNITOR
HSIR - HOT SURFACE IGNITION RELAY
IDB - INDOOR BLOWER
IDB1 - INDOOR BLOWER HEAT RELAY
IDB2 - INDOOR BLOWER COOL RELAY
LS - LIMIT SWITCH
PS1 - PRESSURE SWITCH, FIRE
PS2 - PRESSURE SWITCH, COMB. BOX
PV - POWER VENT
PVR1 - POWER VENT RELAY
PVR2 - POWER VENT RELAY
ROS - ROLL-OUT SWITCH
SO - STACK OVERTEMP SWITCH

- WIRING CODE
- FACTORY WIRING
 HIGH VOLTAGE ———
 LOW VOLTAGE ———

- WIRE COLOR CODE
- | | | |
|----|--------|-----|
| B | BLACK | (1) |
| BL | BLUE | (4) |
| BR | BROWN | (7) |
| O | ORANGE | (6) |
| PK | PINK | (9) |
| P | PURPLE | (5) |
| W | WHITE | (0) |
| Y | YELLOW | (3) |
| R | RED | (2) |

- NOTES:**
- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105°C)
 - WARNING: CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO N.E.C. & LOCAL CODES.
 - POWER FACTOR CHOKE PRESENT ONLY ON UNITS WITH 3/4 AND 1HP INDOOR BLOWERS.

B48578-01

80% AFUE MULTI POSITION UPFLOW INDUCED DRAFT FURNACE

| MODEL | BTU | FLUE COLL ASM | HEAT EXCH'R | LIMIT SWITCH | VENTER BLOWER ASM | IGNITOR ASM H.S.I | ROLLOUT SWITCH |
|-----------|--------|---------------------|----------------|-----------------|-------------------------|-------------------------|-------------------|
| GMT045-3B | 45000 | 4010012C | 4021300S | B1370189 | B4059001 | B1401015S | B1370145 |
| GMT070-3B | 70000 | 4010013C | 4021307S | B1340025 | B4059001 | B1401015S | B1370145 |
| GMT070-4B | 70000 | 4010014C | 4021308S | B1370189 | B4059001 | B1401015S | B1370145 |
| GMT090-3B | 90000 | 4010015C | 4021309S | B1370198 | B4059001 | B1401015S | B1370145 |
| GMT090-4B | 90000 | 4010015C | 4021309S | B1370198 | B4059001 | B1401015S | B1370145 |
| GMT090-5B | 90000 | 4010016C | 4021310S | B1370189 | B4059001 | B1401015S | B1370145 |
| GMT115-5B | 115000 | 4010017C | 4021311S | B1370187 | B4059001 | B1401015S | B1370145 |
| GMT140-5B | 140000 | 4010018C | 4021312S | B1370198 | B4059001 | B1401015S | B1370145 |

80% AFUE MULTI POSITION UPFLOW INDUCED DRAFT FURNACE

| MODEL | BTU | INSHOT BURNER ASM | GAS VALVE | BLOWER WHEEL | INDUCT'R MOTOR | XFMR | H.S.I MODULE | AIR PR. SWITCH |
|-----------|--------|-------------------------|--------------|-----------------|-------------------|----------|-----------------|-------------------|
| GMT045-3B | 45000 | B4022700 | B1282628 | B1368034 | B1340025 | B1141605 | B1809913S | B1370142 |
| GMT070-3B | 70000 | B4022700 | B1282628 | B1368034 | B1340025 | B1141605 | B1809913S | B1370142 |
| GMT070-4B | 70000 | B4022700 | B1282628 | B1368016 | B1340024 | B1141605 | B1809913S | B1370142 |
| GMT090-3B | 90000 | B4022700 | B1282628 | B1368016 | B1340025 | B1141605 | B1809913S | B1370142 |
| GMT090-4B | 90000 | B4022700 | B1282628 | B1368016 | B1340024 | B1141605 | B1809913S | B1370142 |
| GMT090-5B | 90000 | B4022700 | B1282628 | B1368047A | B1340024 | B1141605 | B1809913S | B1370158 |
| GMT115-5B | 115000 | B4022700 | B1282628 | B1368047A | B1340024 | B1141605 | B1809913S | B1370158 |
| GMT140-5B | 140000 | B4022700 | B1282628 | B1368000 | B1340023 | B1141605 | B1809913S | B1370179 |

80% AFUE MULTI POSITION DOWNFLOW INDUCED DRAFT FURNACE

| MODEL | BTU | FLUE COLL ASM | HEAT EXCH'R | LIMIT SWITCH | VENTER BLOWER ASM | IGNITOR ASM H.S.I | ROLLOUT SWITCH |
|-----------|--------|---------------------|----------------|-----------------|-------------------------|-------------------------|-------------------|
| GDT045-3B | 45000 | 4010012S | 4021300S | B1370195 | B4059001 | B1401015S | B1370145 |
| GDT070-3B | 70000 | 4010013S | 4021307S | B1370193 | B4059001 | B1401015S | B1370145 |
| GDT090-4B | 90000 | 4010015S | 4021309S | B1370194 | B4059001 | B1401015S | B1370145 |
| GDT115-5B | 115000 | 4010017S | 40213011S | B1370191 | B4059001 | B1401015S | B1370145 |

80% AFUE MULTI POSITION DOWNFLOW INDUCED DRAFT FURNACE

| MODEL | BTU | INSHOT BURNER ASM | GAS VALVE | BLOWER WHEEL | INDUCT'R MOTOR | XFMR | H.S.I MODULE | AIR PR. SWITCH |
|-----------|--------|-------------------------|--------------|-----------------|-------------------|----------|-----------------|-------------------|
| GDT045-3B | 45000 | B4022700 | B1282628 | B1368034 | B1340025 | B1141605 | B1809913S | B1370142 |
| GDT070-3B | 70000 | B4022700 | B1282628 | B1368034 | B1340025 | B1141605 | B1809913S | B1370176 |
| GDT090-4B | 90000 | B4022700 | B1282628 | B1368034 | B1340025 | B1141605 | B1809913S | B1370179 |
| GDT115-5B | 115000 | B4022700 | B1282628 | B1368047A | B1340024 | B1141605 | B1809913S | B1370150 |

80% AFUE MULTI POSITION INDUCED DRAFT FURNACE

| MODEL | BTU | FLUE COLL ASM | HEAT EXCH'R | LIMIT SWITCH | VENTER BLOWER ASM | IGNITOR ASM H.S.I | ROLLOUT SWITCH | INSHOT BURNER ASM |
|------------|-------|---------------------|----------------|-----------------|-------------------------|-------------------------|-------------------|-------------------------|
| GMTH045-3B | 45000 | 4010012S | 4021300S | B1370199 | B4059001 | B1401015S | B1370145 | B4022700 |
| GMTH070-4B | 70000 | 4010014S | 4021308S | B1370198 | B4059001 | B1401015S | B1370145 | B4022700 |
| GMTH090-5B | 90000 | 4010016S | 4021310S | B1370189 | B4059001 | B1401015S | B1370145 | B4022700 |

80% AFUE MULTI POSITION INDUCED DRAFT FURNACE

| MODEL | BTU | GAS VALVE | BLOWER WHEEL | FLAME SENSOR | ECM MOTOR ASM | XFMR | H.S.I MODULE | AIR PR. SWITCH |
|------------|-------|--------------|-----------------|-----------------|---------------------|----------|-----------------|-------------------|
| GMTH045-3B | 45000 | B1282628 | B1368034 | B1172606 | B1340025 | B1141605 | B1809913S | B1370142 |
| GMTH070-4B | 70000 | B1282628 | B1368016 | B1172606 | B1340023 | B1141605 | B1809913S | B1370142 |
| GMTH090-5B | 90000 | B1282628 | B1368000 | B1172606 | B1340023 | B1141605 | B1809913S | B1370158 |

90% AFUE MULTI POSITION CONDENSING GAS FURNACE

| MODEL | BTU | FLUE COLL ASM | HEAT EXCH'R | LIMIT SWITCH | VENTER BLOWER ASM | IGNITOR ASM H.S.I | ROLLOUT SWITCH |
|------------|--------|---------------------|----------------|-----------------|-------------------------|-------------------------|-------------------|
| GMNT040-3B | 40000 | 4810004S | 4821400S | B1141605 | B4833000 | B1401015S | B1370145 |
| GMNT060-3B | 60000 | 4810004S | 4821401S | B1370187 | B4833000 | B1401015S | B1370145 |
| GMNT080-4B | 80000 | 4810005S | 4821402S | B1370189 | B4833000 | B1401015S | B1370145 |
| GMNT100-4B | 100000 | 4810006S | 4821403S | B1370188 | B4833000 | B1401015S | B1370145 |
| GMNT120-5B | 120000 | 4810006S | 4821403S | 4821403S | B4833000 | B1401015S | B1370145 |

90% AFUE MULTI POSITION CONDENSING GAS FURNACE

| MODEL | BTU | INSHOT BURNER ASM | GAS VALVE | BLOWER WHEEL | INDUCT'R MOTOR | XFMR | H.S.I MODULE | AIR PR. SWITCH |
|------------|--------|-------------------------|--------------|-----------------|-------------------|----------|-----------------|-------------------|
| GMNT040-3B | 40000 | B4022700 | B1282628 | B1368034 | B1340025 | B1141605 | B1809913S | B1370148 |
| GMNT060-3B | 60000 | B4022700 | B1282628 | B1368034 | B1340025 | B1141605 | B1809913S | B1370150 |
| GMNT080-4B | 80000 | B4022700 | B1282628 | B1368016 | B1340024 | B1141605 | B1809913S | B1370159 |
| GMNT100-4B | 100000 | B4022700 | B1282628 | B1368047A | B1340024 | B1141605 | B1809913S | B1370150 |
| GMNT120-5B | 120000 | B4022700 | B1282628 | B1368000 | B1340024 | B1141605 | B1809913S | B1370179 |

90% AFUE MULTI POSITION 2 STAGE VARIABLE SPEED CONDENSING GAS FURNACE

| MODEL | BTU | FLUE COLL ASM | HEAT EXCH'R | LIMIT SWITCH | VENTER BLOWER ASM | IGNITOR ASM H.S.I | ROLLOUT SWITCH | INSHOT BURNER ASM |
|------------|--------|---------------------|----------------|-----------------|-------------------------|-------------------------|-------------------|-------------------------|
| GMNTE060-3 | 60000 | 4810004S | 4821401S | B1370188 | B4833001 | B1401015S | B1370145 | B4022700 |
| GMNTE080-4 | 80000 | 4810005S | 4821402S | B1370188 | B4833001 | B1401015S | B1370145 | B4022700 |
| GMNTE100-4 | 100000 | 4810006S | 4821403S | B1370190 | B4833001 | B1401015S | B1370154 | B4022700 |
| GMNTE120-5 | 120000 | 4810007S | 4821404S | B1370190 | B4833001 | B1401015S | B1370145 | B4022700 |

90% AFUE MULTI POSITION 2 STAGE VARIABLE SPEED CONDENSING GAS FURNACE

| MODEL | BTU | GAS VALVE | BLOWER WHEEL | FLAME SENSOR | ECM MOTOR ASM | XMFR | H.S.I MODULE | AIR PR. SWITCH | INDUCTOR |
|------------|--------|--------------|-----------------|-----------------|---------------------|----------|-----------------|-------------------|----------|
| GMNTE060-3 | 60000 | B1282617 | B1368034 | B1172606 | B13500905GBS | B1141605 | B1809925 | B1370201 | ----- |
| GMNTE080-4 | 80000 | B1282617 | B1368016 | B1172606 | B13500906GBS | B1141605 | B1809925 | B1370204 | B1141666 |
| GMNTE100-4 | 100000 | B1282617 | B1368047 | B1172606 | B13500907GBS | B1141605 | B1809925 | B1370202 | B1141666 |
| GMNTE120-5 | 120000 | B1282617 | B1368000 | B1172606 | B13500908GBS | B1141605 | B1809925 | B1370203 | B1141666 |

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PACKAGED COOLING/ HEAT PUMP/GAS

GoodPartssm

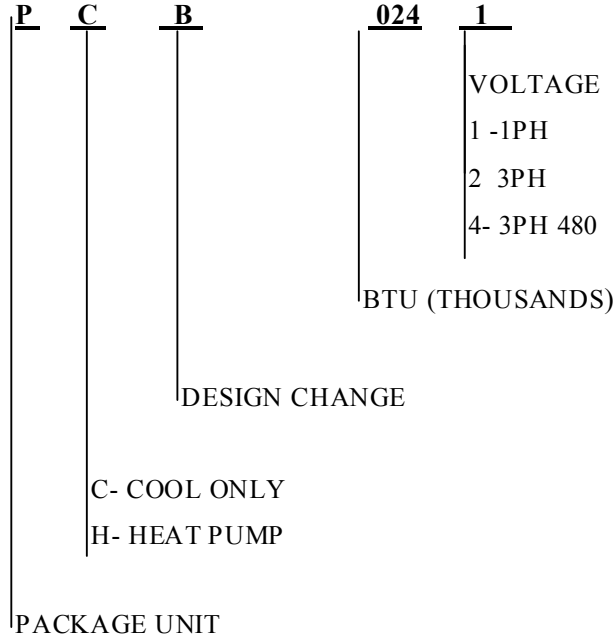
Quick Reference Parts Manual

WARNING:

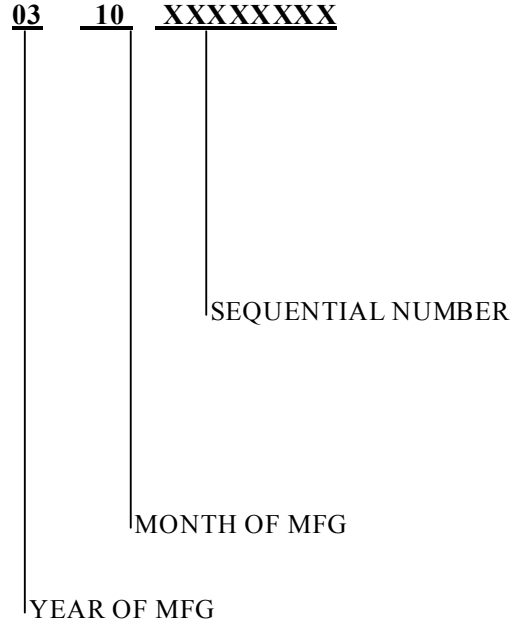
For use by trained professional technicians only. Dangerous and hazardous conditions exist, similar to all air conditioners, which can cause property damage, serious injury or death.

MODEL/SERIAL NUMBER IDENTIFICATION

MODEL NUMBER IDENTIFICATION

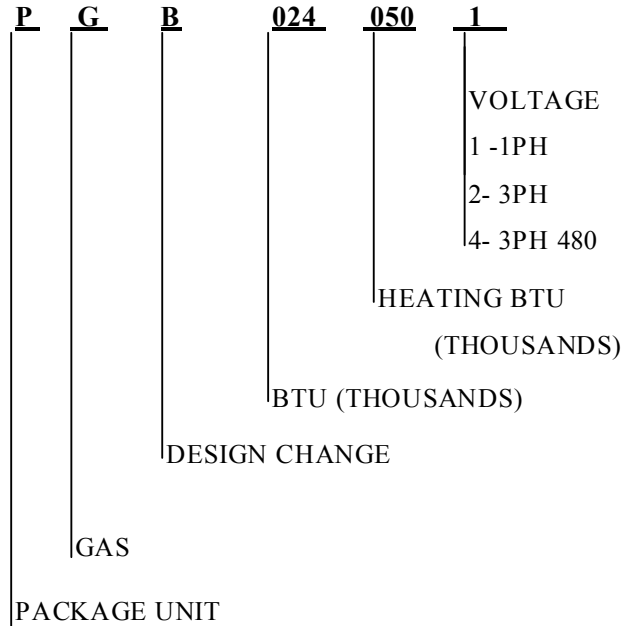


SERIAL NUMBER IDENTIFICATION

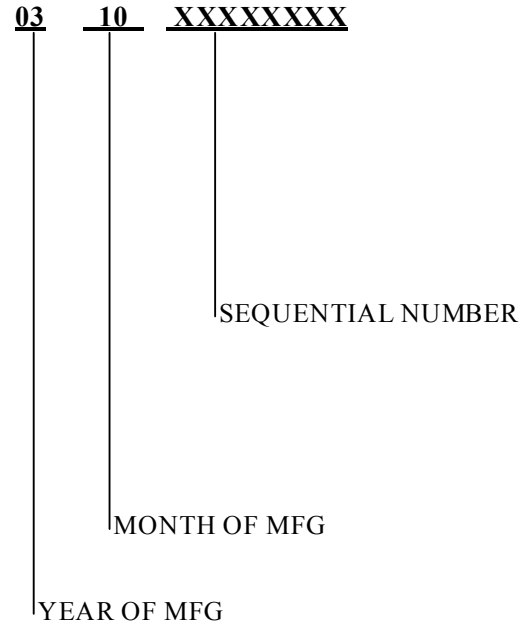


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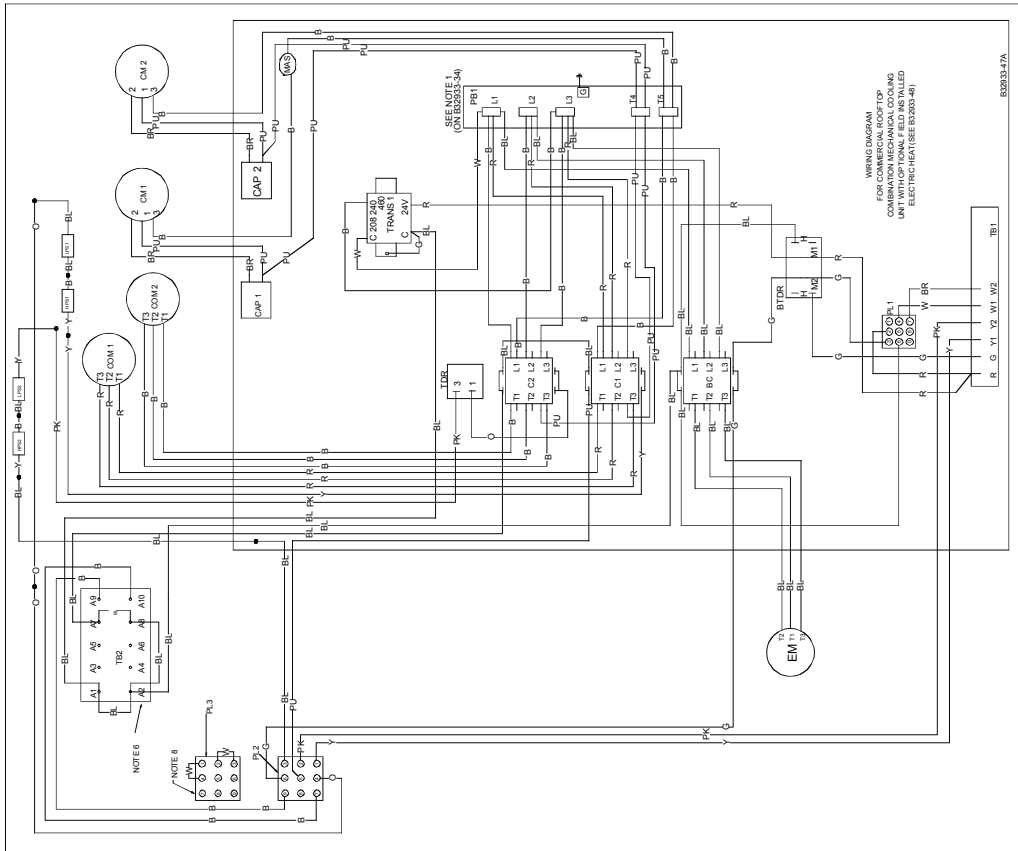
MODEL NUMBER IDENTIFICATION



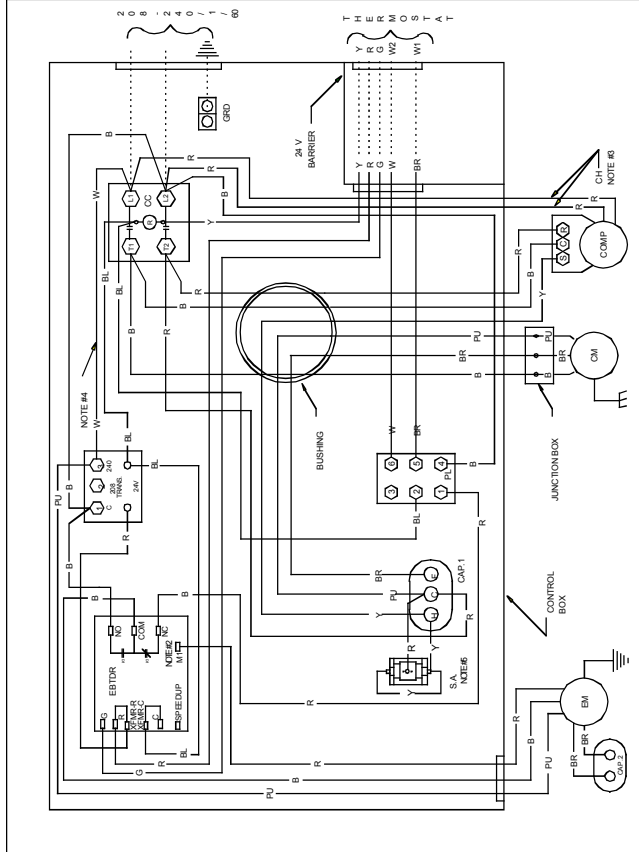
SERIAL NUMBER IDENTIFICATION



WIRING DIAGRAM FOR PACKAGE COOLING (PCC)



WIRING DIAGRAM FOR PACKAGE COOLING (PCK/PCKJ)



COMPONENT LEGEND

- EBTR BLOWER TIME DELAY RELAY
- CAP CAPACITOR
- CM CONDENSER MOTOR
- CC CONTACTOR
- EM EVAPORATOR MOTOR
- FL FAN MOTOR
- GRD GROUND LUG
- PL PLUG
- SA START ASSIST
- TH THERMISTAT
- MARKED TERMINAL
- WIRE SPALCE

WIRING

- WIRE VOLTAGE
- WIRE VOLTAGE
- FIELD INSTALLED

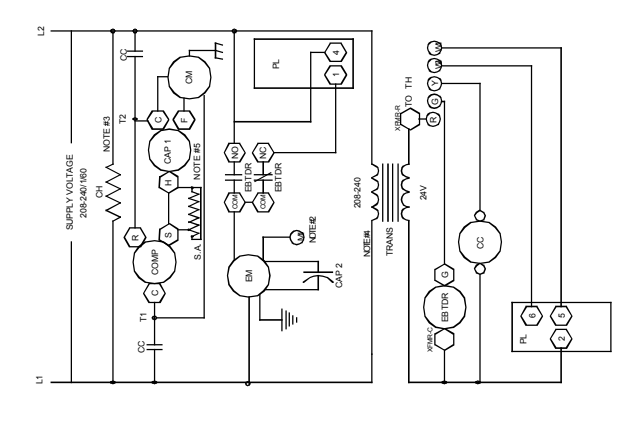
WIRE CODE

- B BLACK
- BL BLUE
- BR BROWN
- G GREEN
- O ORANGE
- PU PURPLE
- R RED
- W WHITE
- Y YELLOW

NOTE:

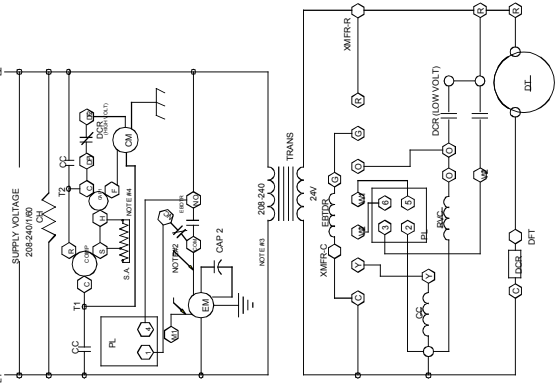
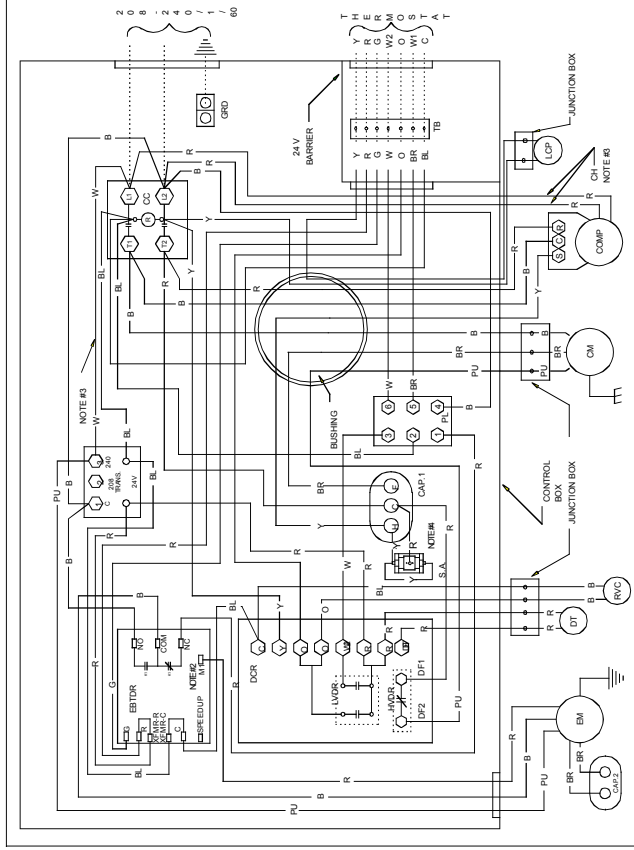
- REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL AT LEAST 100% COPPER CONDUCTOR ONLY.
- TO CHANGE EVAPORATOR MOTOR SPEED REPLACE LEAD ON EBTR FROM W/LEAD ON EBTR TO W/ T LEAD - HIGH SPEED.
- CRANKCASE HEAT NOT SUPPLIED ON ALL UNITS.
- FOR 208 VOLT TRANSFORMER OPERATION MOVE WHITE & PURPLE WIRE FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- SEE NOTE #6 ON UNITS EQUIPPED WITH INERTIA COMPRESSORS.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION



208-240/180 B 4/12/07

WIRING DIAGRAM FOR PACKAGE HEAT PUMP (PHK/PHKJ)



- COMPONENT LEGEND**
- EDTRZ BLOW/TIME DELAY RELAY
 - CAPM CAPACITOR
 - COMP COMPRESSOR
 - CFM CONDENSER FAN MOTOR
 - CH CHANGING USE HEATER
 - DCR DEFROST CONTROL WIRELAY
 - EM EVAPORATOR MOTOR
 - EMR EVAPORATOR MOTOR REVERSE
 - LVR LOW VOLTAGE DEFROST RELAY
 - PL PLUS OF CHARGE PROTECTION
 - PL PLUS FOR BOX
 - SC SLICE CONNECTOR
 - SCV START ASSIST
 - RVC REVERSING VALVE COIL
 - S.A START ASSIST
- WIRE CODE**
- B BLACK
 - BL BLUE
 - BR BROWN
 - G GREEN
 - PK PINK
 - R RED
 - W WHITE
 - Y YELLOW
 - V VIOLET
- NOTES**
1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (AT LEAST 105° USE COPPER CONDUCTOR ONLY).
 2. TO CHANGE EVAPORATOR MOTOR SPEED REPLACE LEAD ON REVERSE TERMINAL WITH LEAD OF DESIRED SPEED.
 3. FOR 208 VOLT TRANSFORMER OPERATION MOVE WHITE & PURPLE WIRE FROM TERMINAL TO TERMINAL ON TRANSFORMER.
 4. START ASSIST USED ONLY ON MODELS EQUIPPED WITH INERTIA COMPRESSORS

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION.

208-240/160 BH120-10

WIRING DIAGRAM FOR PACKAGE GAS (PGC)

COMPONENT LEGEND

| | | |
|--------|------------------------|-------------------|
| ALS | AUXILIARY LIMIT SWITCH | WIRE SLICE |
| CAP | CAPACITOR | MARKED TERMINAL |
| COM | COMMON | UNMARKED TERMINAL |
| COM2 | COMMON MOTOR | |
| COM3 | COMMON MOTOR | |
| COM4 | COMMON MOTOR | |
| COM5 | COMMON MOTOR | |
| COM6 | COMMON MOTOR | |
| COM7 | COMMON MOTOR | |
| COM8 | COMMON MOTOR | |
| COM9 | COMMON MOTOR | |
| COM10 | COMMON MOTOR | |
| COM11 | COMMON MOTOR | |
| COM12 | COMMON MOTOR | |
| COM13 | COMMON MOTOR | |
| COM14 | COMMON MOTOR | |
| COM15 | COMMON MOTOR | |
| COM16 | COMMON MOTOR | |
| COM17 | COMMON MOTOR | |
| COM18 | COMMON MOTOR | |
| COM19 | COMMON MOTOR | |
| COM20 | COMMON MOTOR | |
| COM21 | COMMON MOTOR | |
| COM22 | COMMON MOTOR | |
| COM23 | COMMON MOTOR | |
| COM24 | COMMON MOTOR | |
| COM25 | COMMON MOTOR | |
| COM26 | COMMON MOTOR | |
| COM27 | COMMON MOTOR | |
| COM28 | COMMON MOTOR | |
| COM29 | COMMON MOTOR | |
| COM30 | COMMON MOTOR | |
| COM31 | COMMON MOTOR | |
| COM32 | COMMON MOTOR | |
| COM33 | COMMON MOTOR | |
| COM34 | COMMON MOTOR | |
| COM35 | COMMON MOTOR | |
| COM36 | COMMON MOTOR | |
| COM37 | COMMON MOTOR | |
| COM38 | COMMON MOTOR | |
| COM39 | COMMON MOTOR | |
| COM40 | COMMON MOTOR | |
| COM41 | COMMON MOTOR | |
| COM42 | COMMON MOTOR | |
| COM43 | COMMON MOTOR | |
| COM44 | COMMON MOTOR | |
| COM45 | COMMON MOTOR | |
| COM46 | COMMON MOTOR | |
| COM47 | COMMON MOTOR | |
| COM48 | COMMON MOTOR | |
| COM49 | COMMON MOTOR | |
| COM50 | COMMON MOTOR | |
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| COM63 | COMMON MOTOR | |
| COM64 | COMMON MOTOR | |
| COM65 | COMMON MOTOR | |
| COM66 | COMMON MOTOR | |
| COM67 | COMMON MOTOR | |
| COM68 | COMMON MOTOR | |
| COM69 | COMMON MOTOR | |
| COM70 | COMMON MOTOR | |
| COM71 | COMMON MOTOR | |
| COM72 | COMMON MOTOR | |
| COM73 | COMMON MOTOR | |
| COM74 | COMMON MOTOR | |
| COM75 | COMMON MOTOR | |
| COM76 | COMMON MOTOR | |
| COM77 | COMMON MOTOR | |
| COM78 | COMMON MOTOR | |
| COM79 | COMMON MOTOR | |
| COM80 | COMMON MOTOR | |
| COM81 | COMMON MOTOR | |
| COM82 | COMMON MOTOR | |
| COM83 | COMMON MOTOR | |
| COM84 | COMMON MOTOR | |
| COM85 | COMMON MOTOR | |
| COM86 | COMMON MOTOR | |
| COM87 | COMMON MOTOR | |
| COM88 | COMMON MOTOR | |
| COM89 | COMMON MOTOR | |
| COM90 | COMMON MOTOR | |
| COM91 | COMMON MOTOR | |
| COM92 | COMMON MOTOR | |
| COM93 | COMMON MOTOR | |
| COM94 | COMMON MOTOR | |
| COM95 | COMMON MOTOR | |
| COM96 | COMMON MOTOR | |
| COM97 | COMMON MOTOR | |
| COM98 | COMMON MOTOR | |
| COM99 | COMMON MOTOR | |
| COM100 | COMMON MOTOR | |

ECONOMIZER (OPTIONAL ACCESSORY)
 OAE OUTDOOR AIR ENTHALPY
 WAT WASH WATER TRANSFORMER

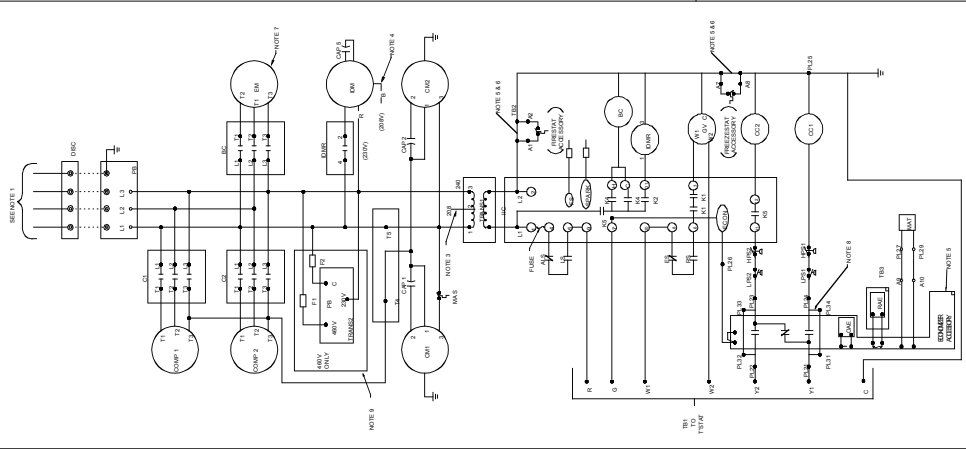
- NOTE: SERIES & PARALLEL WIRING FOR SUPPLY VOLTAGE
 1. REQUIREMENTS AS MINIMUM WIRE SIZE
 2. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF WIRE AS THE ORIGINAL WIRE
 3. FROM 200 VOLT TRANSFORMER OPERATOR TAKE BLACK WIRE FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER
 4. FOR 200 VOLT INDUCED DRAFT MOTOR APPLICATION REPLACE 5. FREEZE STAT FIRST AT ECONOMIZER WITH WIRE AND THERMOSTAT WIRE ADD ON ACCESSORY IN THE FIELD
 6. ACCESSORIES ARE USED WHEN FIRST AT FREEZE STAT
 7. FOR CORRECT FAN MOTOR ROTATION (ON LEAD IN) T1 & T2 ARE REVERSED ON LOAD SIDE (FACTORY SET)
 8. WHEN ECONOMIZER ACCESSORIES ARE USED
 9. FOR 400 VOLT REVERSED LEAD ON TRANSFORMER (200V) INSTEAD OF PH 1,3 TO 200 VOLT (FACTORY SET)

WIRING DIAGRAM
 WITH MECHANICAL CONTROL UNIT
 COMMUNICATIONS FREQ

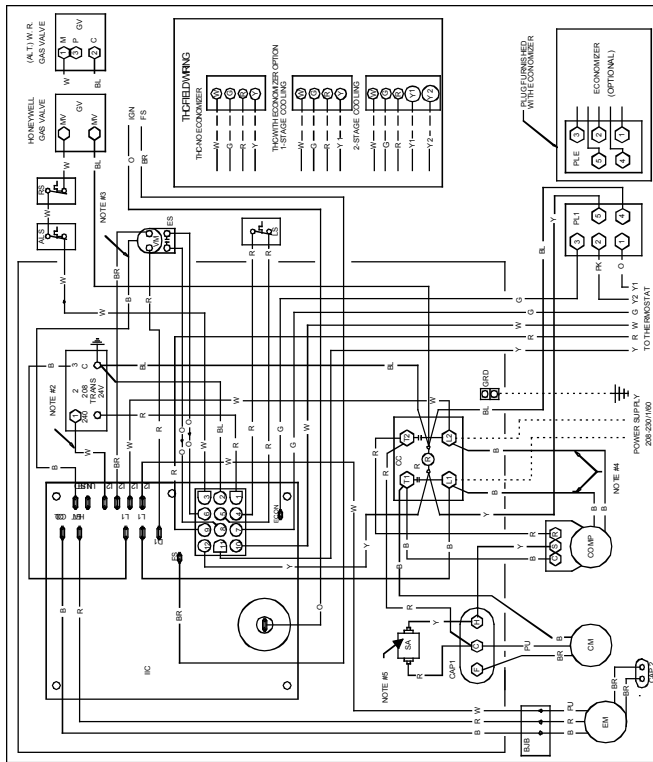
INSTALLER SERVICEMAN

THE STATUS LIGHT ON THE PURNACE
 SO INDICATE THE FAULT AS A GUIDE TO
 STATUS LIGHT CODES ARE AS FOLLOWS

| STATUS LIGHT | EQUIP. STATUS | CHECK |
|--------------|--------------------|--------------------|
| ON | NO FAULT | CHECK NO FAULT |
| OFF | INTERNAL CONTROL | INTERNAL CONTROL |
| 1 BLINK | IGNITION FAILURE | IGNITION FAILURE |
| | OPEN FLOW | OPEN FLOW |
| | FLAME ROLL OUT | FLAME ROLL OUT |
| | OPEN FLOW LIMIT | OPEN FLOW LIMIT |
| | END SWITCH | END SWITCH |
| | END SWITCH | END SWITCH |
| | OPEN LIMIT SWITCH | OPEN LIMIT SWITCH |
| | FAULT FLAME SENSED | FAULT FLAME SENSED |
| | FAULT FLAME SENSED | FAULT FLAME SENSED |
| | OUTLET FLOW | OUTLET FLOW |



WIRING DIAGRAM FOR PACKAGE GAS (PGB 24-60)



COMPONENT LEGEND

- ALS AUXILIARY LIMIT SWITCH
- COMP COMPRESSOR
- CAP CAPACITOR
- CON CONDENSER
- CHM CHAMBER MOTOR
- CHC CHAMBER COIL
- CHN CHAMBER HEATER
- END END SWITCH
- FAN FAN MOTOR
- FS FLAME SENSOR
- PS PRESSURE SENSOR
- IC IGNITION CONTROL
- LS LIMIT SWITCH
- INT INTERGRAL IGNITION CONTROL
- LSN LIMIT SWITCH
- RS ROLL-OFF SWITCH
- TRC THERMOSTAT ROLL-OFF SWITCH
- TRM THERMOSTAT
- TRN THERMOSTAT ROLL-OFF SWITCH
- USN USER SWITCH

WIRE STYLE

- MARKED TERMINAL
- UNMARKED TERMINAL

LINE VOLTAGE

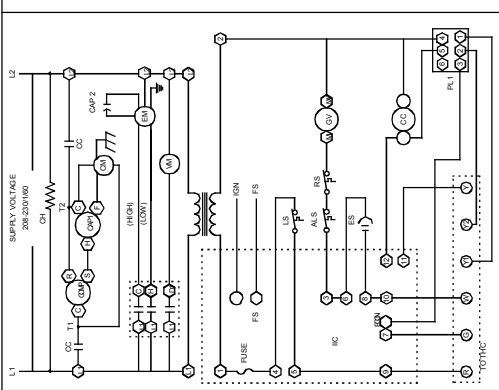
- LINE VOLTAGE
- FIELD WIRING TO CONTROL

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (USE COPPER CONDUCTOR ONLY).
2. ALL WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL AND STATE CODES.
3. FOR 208 COMBINATION MOTOR OR EVAPORATOR, CONNECT BLACK LEAD IN PLACE OF RED LEAD AT IC (D1).
4. CHAMBER HEATER (OPTIONAL).
5. START ASSIST USED ON MODELS WITH HEAVY "V" SHELL COMPRESSORS ONLY.

MAXIMUM BRASSER SIZE

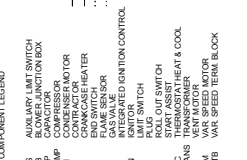
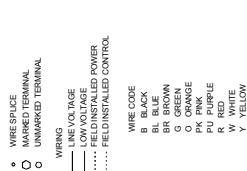
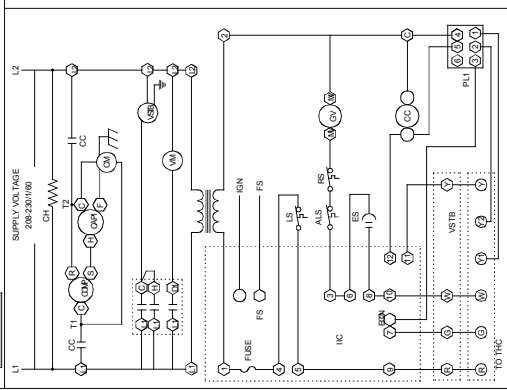
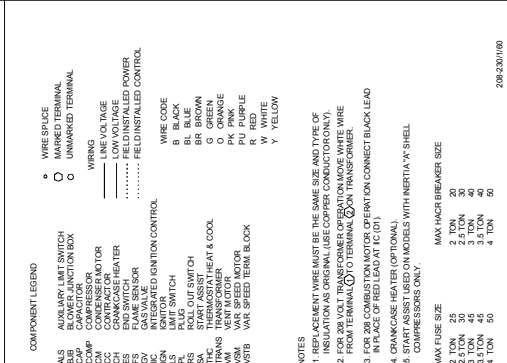
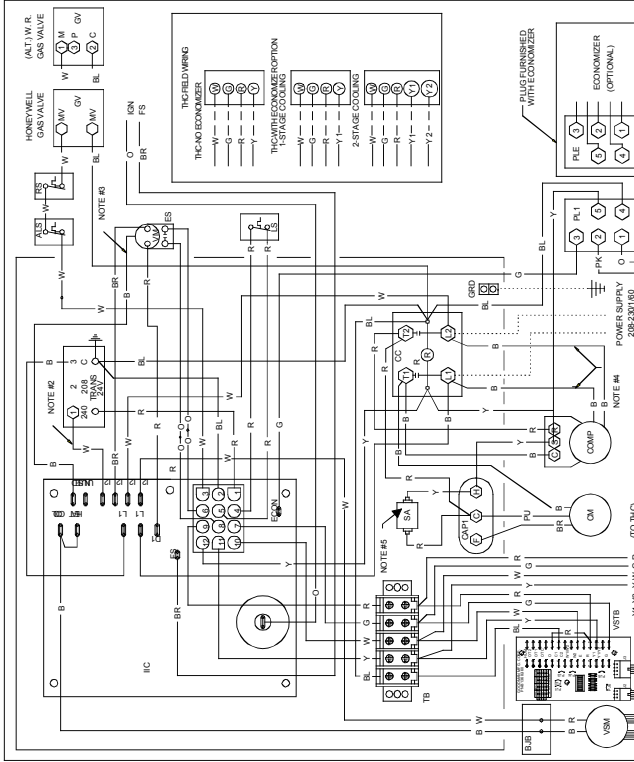
| | |
|---------|----|
| 2.0 TON | 30 |
| 2.5 TON | 35 |
| 3.0 TON | 40 |
| 3.5 TON | 50 |
| 4.0 TON | 60 |
| 4.5 TON | 60 |
| 5.0 TON | 60 |



| STATUS LIGHT | EQUIP. STATUS | CHECK |
|--------------|--------------------------------------|--|
| ON | NORMAL OPERATION | CHECK INLET POWER OR REVERSE CONTROL WIRE CONNECTION |
| OFF | NO POWER OR INTERNAL CONTROL | CHECK GAS FLOW |
| 1 BLINK | IGNITION FAILURE | GAS PRESSURE OR FLAME SENSOR SWITCH |
| 2 BLINKS | OPEN LIMIT SWITCH | FLAME SENSOR SWITCH |
| 3 BLINKS | OPEN ADX. LIMIT SWITCH | ADX. LIMIT SWITCH |
| 4 BLINKS | END SWITCH | ADX. LIMIT OPEN SWITCH |
| 5 BLINKS | END SWITCH CLOSED WITHOUT REDUCER ON | VENTILATOR END SWITCH |
| 6 BLINKS | OPEN LIMIT SWITCH | MAIN LIMIT SWITCH |
| 7 BLINKS | FALSE FLAME SENSED | STORAGE GAS VALVE |
| 8 BLINKS | COMPRESSOR OUTPUT DELAY | 3 MIN. COMP. ANTI-CYCLE TIMER |

INSTALLER/SERVICEMAN
 THE REFRIGERANT MUST BE RECHARGED BY A LICENSED REFRIGERATION TECHNICIAN. ALWAYS BE SURE TO FOLLOW THE REFRIGERANT CHARGING PROCEDURE IN THE APPLIANCE SERVICE MANUAL. STATUS LIGHT CODES ARE AS FOLLOWS:

WIRING DIAGRAM FOR PACKAGE GAS (PGJ)



| STATUS LIGHT | EQUIP STATUS | CHECK |
|--------------|---------------------------------|------------------------------|
| DN | TRIP OR SHUTDOWN | NO POWER OR INTERNAL CONTROL |
| GF | NO POWER OR INTERNAL CONTROL | RETRAKE CONTROL |
| 1 BLNK | IGNIT OR FAILURE | GAS PRESSURE |
| | OPEN ROLL OUT | FLAME ROLL OUT |
| | OPEN OR LIMIT SWITCH | FLAME SENSOR |
| | | AIR LIMIT OPEN |
| 2 BLNK | END SWITCH OPEN | VENTER END SWITCH |
| | END SWITCH OPEN | ENTRER END SWITCH |
| 3 BLNK | OPEN LIMIT SWITCH | MAIN LIMIT OPEN |
| 4 BLNK | OPEN LIMIT SWITCH | BAO SWITCH |
| 5 BLNK | FALSE FLAME SENSED | STUCK GAS VALVE |
| 6 BLNK | 3 MINUTE OVERHEAT OUTPUT/DISLAY | ANTI-CYCLE TIMER |

INSTALLER/SERVICEMAN THE STATUS LIGHT ON THE PURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLANCE STATUS LIGHT CODES ARE AS FOLLOWS

SYSTEM CHARGING-PACKAGED UNITS UNITS

All cooling units are to be charged by the superheat method

1. Read suction line pressure
2. Read suction line temperature
3. Determine superheat
 - A. Using refrigerant chart or table 1 below determine saturated liquid temperature for the suction pressure of the system
 - B. Refer to table 2 for required superheat.
 - C. Suction line temperature – saturated suction temperature = superheat.
4. Adjust charge : add refrigerant to lower superheat and decrease refrigerant to raise superheat.

TABLE 1

| SUCTION PSIG | SAT TEMP |
|--------------|----------|
| 50 | 26 |
| 53 | 28 |
| 55 | 30 |
| 58 | 32 |
| 61 | 34 |
| 63 | 36 |
| 66 | 38 |
| 69 | 40 |
| 72 | 42 |
| 75 | 44 |
| 78 | 46 |
| 81 | 48 |

TABLE 2

| AMBIENT TEMP (F) | RETURN AIR TEMPERATURE IN DEG F | | | | |
|------------------|---------------------------------|----|----|----|----|
| | 65 | 70 | 75 | 80 | 85 |
| 100 | | | | 5 | 5 |
| 95 | | | 5 | 5 | 5 |
| 90 | | | 7 | 12 | 18 |
| 85 | | 5 | 10 | 17 | 20 |
| 80 | | 5 | 12 | 21 | 26 |
| 75 | 5 | 10 | 17 | 25 | 29 |
| 70 | 5 | 14 | 20 | 28 | 32 |
| 65 | 13 | 19 | 26 | 32 | 35 |
| 60 | 17 | 25 | 30 | 33 | 37 |

SYSTEM CHECK FOR HEAT PUMP IN HEATING MODE

System must be running for 20 minutes before testing and 10 minutes between adjustments.

1. Read temperature of discharge line half way between compressor and reversing valve
 - A. Care should be taken to assure that reading is not affected by outside temperature.
2. Measure outdoor temperature
3. The temperature of the discharge line = outdoor temperature + 126 degree
4. Add refrigerant to lower temperature, decrease refrigerant to raise the temperature.

8.9 EER PACKAGE GAS COOLING

| MODEL | TON | COMP | MOTOR EVAP | COND COIL | COIL TUBING (EVAP) | DR. PAN |
|----------|-----|----------|---------------|-----------|-----------------------|---------|
| PCC090-3 | 7.5 | B1393702 | B3240007 | 3215101S | 3212906S | 3209000 |
| PCC090-4 | 7.5 | B9266397 | B3240007 | 3215101S | 3212906S | 3209000 |

8.9 EER PACKAGE GAS COOLING

| MODEL | TON | CONDENSOR MOTOR | XMFR | HIGH PR. SWITCH | LOW PR. SWITCH | SEQUENCER | WHEEL |
|----------|-----|--------------------|----------|--------------------|-------------------|-----------|-----------|
| PCC090-3 | 7.5 | B3240000 | B1141654 | B1360713 | B1360717 | B1256551 | B13680-51 |
| PCC090-4 | 7.5 | B3240001 | B1141653 | B1360713 | B1360717 | B1256551 | B13680-51 |

10 TON 10 SEER PACKAGE COOLING

| MODEL | TON | COMP | MOTOR EVAP | COND COIL | COIL TUBING (EVAP) | DR. PAN |
|----------|-----|----------|---------------|-----------|-----------------------|---------|
| PCC120-3 | 10 | B9266350 | B3240004 | 3215102S | 3212904S | 3209000 |
| PCC120-4 | 10 | B9266399 | B3240004 | 3215102S | 3212904S | 3209000 |

10 TON 10 SEER PACKAGE COOLING

| MODEL | TON | CONDENSOR MOTOR | XMFR | HIGH PR. SWITCH | LOW PR. SWITCH | SEQUENCER | WHEEL |
|----------|-----|--------------------|----------|--------------------|-------------------|-----------|----------|
| PCC120-3 | 10 | B3240000 | B1141654 | B1360713 | B1360717 | B1256551 | B1368052 |
| PCC120-4 | 10 | B3240001 | B1141653 | B1360713 | B1360717 | B1256551 | B1368052 |

10 SEER PACKAGE COOLING

| MODEL | TON | COMP | MOTOR EVAP | DRIER | COND COIL | COIL TUBING (EVAP) |
|-----------|-----|-----------|---------------|----------|-----------|-----------------------|
| PCK024-1 | 2 | B9266812A | B13400313 | B1219217 | 4161611 | 4111700S |
| PCK030-1 | 2.5 | B9266816A | B13400312 | B1219217 | 4161611 | 4111701S |
| PCK036-1 | 3 | B9266606A | B13400312 | B1219217 | 4161611 | 4111702S |
| PCK036-3A | 3 | B9266606A | B13400312 | B1219217 | 4161611 | 4111702S |
| PCK042-1 | 3.5 | B9266818A | B13400312 | B1219217 | 4161601 | 4111706S |
| PCK048-1 | 4 | B9266672 | B13400353 | B1219220 | 4161601 | 4111708S |
| PCK048-3 | 4 | B9266204 | B13400353 | B1219220 | 4161601 | 4111708S |
| PCK060-1 | 5 | B9266355 | B13400353 | B1219220 | 4161602 | 4111710S |
| PCK060-3 | 5 | B9266353 | B13400207S | B1219220 | 4161602 | 4111710S |
| PCK060-4 | 5 | B9266357 | B13400217 | B1219220 | 4161602 | 4111710S |

10 SEER PACKAGE COOLING

| MODEL | TON | DR. PAN (NOTE) | CONDENSOR MOTOR | XMFR | CONTACTOR | CAPACITOR | WHEEL |
|-----------|-----|-------------------|--------------------|----------|-----------|-----------|----------|
| PCK024-1 | 2 | 4111600S | B13400251 | B1141643 | B1360300 | B94578700 | B1368042 |
| PCK030-1 | 2.5 | 4111600S | B13400251 | B1141643 | B1360300 | B94575300 | B1368042 |
| PCK036-1 | 3 | 4111600S | B13400251 | B1141643 | B1360300 | B94577200 | B1368042 |
| PCK036-3A | 3 | 4111600S | B13400251 | B1141643 | B1360315 | B945650 | B1368036 |
| PCK042-1 | 3.5 | 4111601S | B13400247 | B1141643 | B1360300 | B94575400 | B1368016 |
| PCK048-1 | 4 | 4111601S | B13400247 | B1141643 | B1360300 | B94575600 | B1368016 |
| PCK048-3 | 4 | 4111601S | B13400247 | B1141643 | B1360315 | B945650 | B1368016 |
| PCK060-1 | 5 | 4111601S | B13400248 | B1141643 | B1360305 | B94577500 | B1368016 |
| PCK060-3 | 5 | 4111601S | B13400248 | B1141643 | B1360315 | B945650 | B1368016 |
| PCK060-4 | 5 | 4111601S | B13400249 | B1141653 | B1360315 | B945650 | B1368016 |

12 SEER PACKAGE COOLING

| MODEL | TON | COMP | MOTOR EVAP | DRIER | COND COIL | COIL TUBING (EVAP) |
|------------|-----|-----------|---------------|----------|-----------|-----------------------|
| PCKJ024-1A | 2 | B9266844A | B13400313 | B1219217 | 4164611 | 4111703S |
| PCKJ030-1 | 2.5 | B9266644A | B13400312 | B1219217 | 4164611 | 4111705S |
| PCKJ036-1 | 3 | B9266606A | B13400312 | B1219217 | 4164611 | 4111707S |
| PCKJ036-1A | 3 | B9266380 | B13400312 | B1219217 | 4164611 | 4111707S |
| PCKJ042-1D | 3.5 | B9266375 | B13400312 | B1219217 | 4164611 | 4111709S |
| PCKJ048-1 | 4 | B9266352 | B13400312 | B1219220 | 4164603 | 4111711S |
| PCKJ060-1 | 5 | B9266349 | B13400207S | B1219220 | 4164604 | 4111710S |

12 SEER PACKAGE COOLING

| MODEL | TON | DR. PAN | CONDENSOR MOTOR | XMFR | CONTACTOR | CAPACITOR | WHEEL |
|------------|-----|----------|--------------------|----------|-----------|-----------|----------|
| PCKJ024-1A | 2 | 4111600S | B13400348 | B1141643 | B1360300 | B945650 | B1368042 |
| PCKJ030-1 | 2.5 | 4111600S | B13400348 | B1141643 | B1360300 | B945651 | B1368042 |
| PCKJ036-1 | 3 | 4111601S | B13400247 | B1141643 | B1360300 | B945651 | B1368036 |
| PCKJ036-1A | 3 | 4111601S | B13400247 | B1141643 | B1360300 | B945651 | B1368036 |
| PCKJ042-1D | 3.5 | 4111601S | B13400247 | B1141643 | B1360300 | B945651 | B1368036 |
| PCKJ048-1 | 4 | 4111601S | B13400247 | B1141643 | B1360301 | B945672 | B1368036 |
| PCKJ060-1 | 5 | 4111601S | B13400248 | B1141643 | B1360305 | B945653 | B1368016 |

10 SEER PACKAGE HEAT PUMP

| MODEL | TON | COMP | MOTOR EVAP | DRIER | COND COIL | COIL TUBING (EVAP) | DR. PAN |
|----------|-----|-----------|---------------|-----------|-----------|-----------------------|----------|
| PHK024-1 | 2 | B9266833A | B13400313 | B1219201S | 4164605 | 4111704S | 4111600S |
| PHK030-1 | 2.5 | B9266864A | B13400312 | B1219201S | 4164605 | 41117012S | 4111600S |
| PHK036-1 | 3 | B9266835A | B13400312 | B1219201S | 4164606 | 41117013S | 4111601S |
| PHK036-3 | 3 | B9266609A | B13400312 | B1219201S | 4164606 | 41117013S | 4111601S |
| PHK042-1 | 3.5 | B9266218A | B13400353 | B1219201S | 4164607 | 41117016S | 4111601S |
| PHK048-1 | 4 | B9266201A | B13400353 | B1219220 | 4164607 | 41117018S | 4111601S |
| PHK048-3 | 4 | B9266204A | B13400353 | B1219220 | 4164607 | 41117018S | 4111601S |
| PHK060-1 | 5 | B9266349 | B13400207A | B1219220 | 4164607 | 41117019S | 4111601S |
| PHK060-3 | 5 | B9266353 | B13400207A | B1219220 | 4164607 | 41117019S | 4111601S |

10 SEER PACKAGE HEAT PUMP

| MODEL | TON | CONDENSOR MOTOR | XMFR | CONTACTOR | CAPACITOR | WHEEL | ACCUM | REV VALVE |
|----------|-----|--------------------|----------|-----------|-----------|----------|----------|--------------|
| PHK024-1 | 2 | B13400251 | B1141643 | B1360300 | B945650 | B1368042 | B1226205 | B1227300 |
| PHK030-1 | 2.5 | B13400251 | B1141643 | B1360300 | B945651 | B1368042 | B1226205 | B1227302 |
| PHK036-1 | 3 | B13400247 | B1141643 | B1360300 | B945651 | B1368036 | B1226206 | B1227302 |
| PHK036-3 | 3 | B13400247 | B1141643 | B1360315 | B945651 | B1368036 | B1226206 | B1227310 |
| PHK042-1 | 3.5 | B13400247 | B1141643 | B1360300 | B945651 | B1368036 | B1226207 | B1227310 |
| PHK048-1 | 4 | B13400248 | B1141643 | B1360301 | B945672 | B1368036 | B1226207 | B1227310 |
| PHK048-3 | 4 | B13400248 | B1141643 | B1360315 | B945672 | B1368036 | B1226207 | B1227310 |
| PHK060-1 | 5 | B13400248 | B1141643 | B1360305 | B945653 | B1368016 | B1226207 | B1227310 |
| PHK060-3 | 5 | B13400248 | B1141643 | B1360315 | B945653 | B1368016 | B1226207 | B1227310 |

12 SEER PACKAGE HEAT PUMP

| MODEL | TON | COMP | MOTOR EVAP | DRIER | COND COIL | COIL TUBING (EVAP) | DR. PAN |
|------------|-----|------------|---------------|-----------|-----------|-----------------------|----------|
| PHKJ024-1A | 2 | B9266832A | B13400313 | B1219201S | 4164606 | 4111714S | 4111601S |
| PHKJ030-1 | 2.5 | B92666452A | B13400312 | B1219201S | 4164606 | 4111715S | 4111601S |
| PHKJ036-1 | 3 | B9266667 | B13400312 | B1219201S | 4164607 | 4111717S | 4111601S |
| PHKJ036-1A | 3 | B9266380 | B13400312 | B1219201S | 4164607 | 4111717S | 4111601S |
| PHKJ042-1 | 3.5 | B9266375 | B13400313 | B1219201S | 4164609 | 4111727S | 4111601S |
| PHKJ048-1A | 4 | B9266352 | B13400353 | B1219201S | 4164609 | 4111727S | 4111601S |
| PHKJ060-1A | 5 | B9266379 | B13400207S | B1219220 | 4164608 | 4111721S | 4111601S |

12 SEER PACKAGE HEAT PUMP

| MODEL | TON | CONDENSOR MOTOR | XMFR | CONTACTOR | CAPACITOR | WHEEL | ACCUM | REV VALVE |
|------------|-----|--------------------|----------|-----------|-----------|----------|----------|--------------|
| PHKJ024-1A | 2 | B13400348 | B1141643 | B1360300 | B945650 | B1368042 | B1226206 | B1227302 |
| PHKJ030-1 | 2.5 | B13400348 | B1141643 | B1360300 | B945651 | B1368042 | B1226206 | B1227302 |
| PHKJ036-1 | 3 | B13400247 | B1141643 | B1360300 | B945651 | B1368036 | B1226207 | B1227310 |
| PHKJ036-1A | 3 | B13400247 | B1141643 | B1360300 | B945651 | B1368036 | B1226207 | B1227310 |
| PHKJ042-1 | 3.5 | B13400270 | B1141643 | B1360301 | B945651 | B1368036 | B1226207 | B1227310 |
| PHKJ048-1A | 4 | B13400248 | B1141643 | B1360301 | B945651 | B1368036 | B1226207 | B1227310 |
| PHKJ060-1A | 5 | B13400248 | B1141643 | B1360305 | B945653 | B1368016 | B1226207 | B1227310 |

8.9 EER PACKAGE GAS ROOFTOP

| MODEL | TON/BTU | COMP | MOTOR EVAP | COND COIL | COIL TUBING (EVAP) | DR. PAN |
|-------------|----------|----------|---------------|-----------|-----------------------|---------|
| PGC090195-3 | 7.5/195K | B9266398 | B3240007 | 3215101S | 3212906S | 3209000 |
| PGC090195-4 | 7.5/195K | B9266397 | B3240007 | 3215101S | 3212906S | 3209000 |

8.9 EER PACKAGE GAS ROOFTOP

| MODEL | TON/BTU | CONDENSOR MOTOR | XMFR | HIGH PR. SWITCH | LOW PR. SWITCH | IGNITION CONTROL | WHEEL |
|-------------|----------|--------------------|----------------------|--------------------|-------------------|---------------------|----------|
| PGC090195-3 | 7.5/195K | B3240000 | B1141654 | B1360713 | B1360717 | B1809918 | B1368051 |
| PGC090195-4 | 7.5/195K | B3240001 | B1141663 B1141653 | B1360713 | B1360717 | B1809918 | B1368051 |

10 SEER PACKAGE GAS ELECTRIC

| MODEL | TON/BTU | COMP | MOTOR EVAP | DRIER | COND COIL | COIL TUBING (EVAP) | DR. PAN |
|--------------|----------|-----------|---------------|----------|-----------|-----------------------|----------|
| PGB024050-1 | 2.0/50K | B9266812A | B13400313 | B1219217 | 2964600 | 2956500S | 2902802P |
| PGB024075-1 | 2.0/75K | B9266812A | B13400313 | B1219217 | 2964600 | 2956500S | 2902802P |
| PGB030050-1A | 2.5/50K | B9266830A | B13400312 | B1219217 | 2964600 | 2956501S | 2902802P |
| PGB030075-1A | 2.5/75K | B9266830A | B13400312 | B1219217 | 2964600 | 2956501S | 2902802P |
| PGB030100-1A | 2.5/100K | B9266830A | B13400312 | B1219217 | 2964601 | 2956502S | 1902802P |
| PGB036050-1A | 3.0/50K | B9266606A | B13400312 | B1219217 | 2964605 | 2956508S | 2902802P |
| PGB036075-1B | 3.0/75K | B9266606A | B13400312 | B1219217 | 2964605 | 2956508S | 2902802P |
| PGB036075-3A | 3.0/75K | B9266606A | B13400312 | B1219217 | 2964605 | 2956508S | 2902802P |
| PGB036100-1A | 3.0/100K | B9266606A | B13400312 | B1219217 | 2964601 | 2956503S | 1902802P |

10 SEER PACKAGE GAS ELECTRIC

| MODEL | TON/BTU | CONDENSOR MOTOR | XMFR | HEAT EXCHANGER | LIMIT SWITCH | IGNITION CONTROL | BLOWER WHEEL |
|--------------|----------|--------------------|----------|-------------------|-----------------|---------------------|-----------------|
| PGB024050-1 | 2.0/50K | B13400251 | B1141643 | 2921300S | B1370902 | B1809918 | B1368042 |
| PGB024075-1 | 2.0/75K | B13400251 | B1141643 | 2921301S | B1370901 | B1809918 | B1368042 |
| PGB030050-1A | 2.5/50K | B13400251 | B1141643 | 2921300S | B1370902 | B1809918 | B1368042 |
| PGB030075-1A | 2.5/75K | B13400251 | B1141643 | 2921301S | B1370909 | B1809918 | B1368042 |
| PGB030100-1A | 2.5/100K | B13400251 | B1141643 | 2921304S | B1370901 | B1809918 | B1368034 |
| PGB036050-1A | 3.0/50K | B13400251 | B1141643 | 2921300S | B1370902 | B1809918 | B1368034 |
| PGB036075-1B | 3.0/75K | B13400251 | B1141643 | 2921301S | B1370901 | B1809918 | B1368034 |
| PGB036075-3A | 3.0/75K | B13400251 | B1141643 | 2921301S | B1370901 | B1809918 | B1368034 |
| PGB036100-1A | 3.0/100K | B13400247 | B1141643 | 2921304S | B1370901 | B1809918 | B1368034 |

10 SEER PACKAGE GAS ELECTRIC

| MODEL | TON/BTU | COMP | MOTOR EVAP | DRIER | COND COIL | COIL TUBING (EVAP) | DR. PAN |
|--------------|-----------|-----------|---------------|----------|-----------|-----------------------|----------|
| PGB042075-1A | 3.5/75K | B9266840A | B13400353 | B1219217 | 2964601 | 2956504S | 1902802P |
| PGB042100-1A | 3.5/100K | B9266840A | B13400353 | B1219217 | 2964601 | 2956504S | 1902802P |
| PGB042125-1 | 3.5/125K | B9266218A | B13400353 | B1219217 | 2964602 | 2956519S | 2902802P |
| PGB048075-1A | 4.0/75K | B9266872A | B13400353 | B1219217 | 2964602 | 2956506S | 1902803P |
| PGB048100-3A | 4.0/100K | B9266873A | B13400353 | B1219217 | 2964602 | 2956506S | 1902803P |
| PGB048125-1A | 4.0/125K | B9266872A | B13400353 | B1219217 | 2964602 | 2956506S | 1902803P |
| PGB048150-1A | 4.0/150K | B9266872A | B13400353 | B1219217 | 2964602 | 2956506S | 1902803P |
| PGB048150-3A | 4.0/150K | B9266873A | B13400353 | B1219217 | 2964602 | 2956506S | 1902803P |
| PGB060100-1 | 5.0/100K | B9266355 | B13400207S | B1219217 | 2964602 | 2956507S | 1902803P |
| PGB060100-3 | 5.0/100K | B9266353 | B13400207S | B1219217 | 2964602 | 2956507S | 1902803P |
| PGB060125-1 | 5.0/125K | B9266355 | B13400207S | B1219217 | 2964602 | 2956507S | 1902803P |
| PGB060125-3 | 5.0/125K | B9266353 | B13400207S | B1219217 | 2964602 | 2956507S | 1902803P |
| PGB060150-1 | 5.0/150K | B9266355 | B13400207S | B1219217 | 2964602 | 2956507S | 1902803P |
| PGB060150-3 | 5.0/150K | B9266353 | B13400207S | B1219217 | 2964602 | 2956507S | 1902803P |
| PGB060150-4 | 5.0/150K | B9266657 | B13400317 | B1219217 | 2964602 | 2956507S | 1902803P |
| PGC120225-3 | 10.0/225K | B9266350 | B3240004 | B1219225 | 3215102S | 3212904 | 3209000 |
| PGC120225-4 | 10.0/225K | B9266399 | B3240004 | B1219225 | 3215102S | 3264804 | 3209000 |

10 SEER PACKAGE GAS ELECTRIC

| MODEL | TON | CONDENSOR MOTOR | XMFR | HEAT EXCHANGER | LIMIT SWITCH | IGNITION CONTROL | BLOWER WHEEL |
|--------------|-----------|--------------------|----------|-------------------|-----------------|---------------------|-----------------|
| PGB042075-1A | 3.5/75K | B13400247 | B1141643 | 2921303S | B1370902 | B1809918 | B1368016 |
| PGB042100-1A | 3.5/100K | B13400247 | B1141643 | 2921304S | B1370902 | B1809918 | B1368016 |
| PGB042125-1 | 3.5/125K | B13400247 | B1141643 | 2921307S | B1370901 | B1809918 | B1368016 |
| PGB048075-1A | 4.0/75K | B13400248 | B1141643 | 2921305S | B1370902 | B1809918 | B1368047A |
| PGB048100-3A | 4.0/100K | B13400248 | B1141643 | 2921306S | B1370901 | B1809918 | B1368047A |
| PGB048125-1A | 4.0/125K | B13400248 | B1141643 | 2921307S | B1370901 | B1809918 | B1368047A |
| PGB048150-1A | 4.0/150K | B13400248 | B1141643 | 2921308S | B1370909 | B1809918 | B1368047A |
| PGB048150-3A | 4.0/150K | B13400248 | B1141643 | 2921308S | B1370909 | B1809918 | B1368047A |
| PGB060100-1 | 5.0/100K | B13400248 | B1141643 | 2921306S | B1370902 | B1809918 | B1368000 |
| PGB060100-3 | 5.0/100K | B13400248 | B1141643 | 2921306S | B1370902 | B1809918 | B1368000 |
| PGB060125-1 | 5.0/125K | B13400248 | B1141643 | 2921307S | B1370902 | B1809918 | B1368000 |
| PGB060125-3 | 5.0/125K | B13400248 | B1141643 | 2921307S | B1370902 | B1809918 | B1368000 |
| PGB060150-1 | 5.0/150K | B13400248 | B1141643 | 2921308S | B1370909 | B1809918 | B1368000 |
| PGB060150-3 | 5.0/150K | B13400248 | B1141643 | 2921308S | B1370909 | B1809918 | B1368000 |
| PGB060150-4 | 5.0/150K | B13400248 | B1141653 | 2921308S | B1370909 | B1809918 | B1368000 |
| PGC120225-3 | 10.0/225K | B3240000 | B1141654 | 3203700 | B1370164 | B1809918S | B1368052 |
| PGC120225-4 | 10.0/225K | B3240001 | B1141653 | 3210607 | B1370164 | B1809918S | B1368052 |

12 SEER PACKAGE GAS ELECTRIC

| MODEL | TON/BTU | COMP | EVAP MOTOR | DRIER | COND COIL | COIL TUBING (EVAP) | BASEPAN |
|--------------|----------|-----------|---------------|----------|-----------|-----------------------|----------|
| PGJ024050-1A | 2.0/50K | B9266844A | B1340802PAS | B1219217 | 2964601 | 2956517S | 2914501S |
| PGJ024075-1A | 2.0/75K | B9266844A | B1340802PAS | B1219217 | 2964601 | 2956517S | 2914501S |
| PGJ030050-1A | 2.5/50K | B9266643A | B1340802PAS | B1219217 | 2964601 | 2956516S | 2914501S |
| PGJ030075-1A | 2.5/75K | B9266643A | B1340002PAS | B1219217 | 2964601 | 2956516S | 2914501S |
| PGJ036075-1A | 3.0/75K | B9266640A | B1340803PAS | B1219217 | 2964602 | 2956518S | 2924501S |
| PGJ036100-1A | 3.0/100K | B9266640A | B1340803PAS | B1219217 | 2964602 | 2956518S | 2924501S |
| PGJ042075-1A | 3.5/75K | B9266638A | B1340803PAS | B1219217 | 2964602 | 2956515S | 2924501S |
| PGJ042100-1A | 3.5/100K | B9266638A | B1340803PAS | B1219217 | 2964602 | 2956515S | 2924501S |
| PGJ048075-1 | 4.0/75K | B9266352 | B1340803PAS | B1219217 | 2964602 | 2956514S | 2924501S |
| PGJ048100-1 | 4.0/100K | B9266352 | B1340803PAS | B1219217 | 2964602 | 2956514S | 2924501S |

12 SEER PACKAGE GAS ELECTRIC

| MODEL | TON/BTU | CONDENSOR MOTOR | XMFR | HEAT EXCHANGER | LIMIT SWITCH | IGNITOR | BLOWER ASM |
|--------------|----------|--------------------|----------|-------------------|-----------------|----------|---------------|
| PGJ024050-1A | 2.0/50K | B13400247 | B1141643 | 2521300 | B1370903 | B1400112 | 2968227S |
| PGJ024075-1A | 2.0/75K | B13400247 | B1141643 | 2521301 | B1370902 | B1400112 | 2968227S |
| PGJ030050-1A | 2.5/50K | B13400247 | B1141643 | 2521300 | B1370903 | B1400112 | 2968227S |
| PGJ030075-1A | 2.5/75K | B13400247 | B1141643 | 2521301 | B1370901 | B1400112 | 2968227S |
| PGJ036075-1A | 3.0/75K | B13400247 | B1141643 | 2521301 | B1370903 | B1400112 | 2968217S |
| PGJ036100-1A | 3.0/100K | B13400247 | B1141643 | 2521302 | B1370902 | B1400112 | 2968217S |
| PGJ042075-1A | 3.5/75K | B13400247 | B1141643 | 2521301 | B1370902 | B1400112 | 2968217S |
| PGJ042100-1A | 3.5/100K | B13400247 | B1141643 | 2521302 | B1370901 | B1400112 | 2968217S |
| PGJ048075-1 | 4.0/75K | B13400248 | B1141643 | 2521301 | B1370902 | B1400112 | 2968217S |
| PGJ048100-1 | 4.0/100K | B13400248 | B1141643 | 2521302 | B1370901 | B1400112 | 2968217S |

PISTON KIT CHART

GoodPartssm

Quick Reference Parts Manual

WARNING:

For use by trained professional technicians only. Dangerous and hazardous conditions exist, similar to all air conditioners, which can cause property damage, serious injury or death.

PISTON KIT CHART - SPLIT SYSTEM COOLING

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. |
|-----------------|-----------------------------|--------------------------------------|---------------------------------------|
| CKL18-1 | 18000 | .052 | (2) |
| | 24000 | .059 TO .052 | B17898-52 (3) |
| | 29000 | .059 TO .052 | B17898-52 (3) |
| | 31000 | .068 TO .055 | B17898-55 (3) |
| | 32000 | .068 TO .055 | B17898-55 (3) |
| | 36000 | .071 TO .055 | B17898-55 (3) |
| | AH18 AE(R)24 | .049 .062 TO .055 | (2) B17898-55 (3) |
| CKL24-1 | 24000 | .059 | (2) |
| | 29000 | .059 | (2) |
| | 30000 | .065 TO .059 | B17898-59 (3) |
| | 31000 | .068 TO .062 | B17898-62 (3) |
| | 32000 | .068 TO .062 | B17898-62 (3) |
| | 36000 | .071 TO .062 | B17898-62 (3) |
| | AH18 AE(R)24 | .062 | (2) |
| CKL30-1 | 29000 | 0.059 TO .065 | (4) |
| | 30000 | .065 | (2) |
| | 31000 | .068 TO .065 | B17898-65 (3) |
| | 32000 | .068 TO .065 | B17898-65 (3) |
| | 36000 | .071 TO .065 | B17898-65 (3) |
| | 42000 | .078 TO .068 | B17898-68 (3) |
| | 49000 AE(R)30 AE(R)36 | .082 TO .068 .068 .074 TO .068 | B17898-68 (3) (2) B17898-68 (3) |
| CKL36-1 | 35000 | .071 | (2) |
| | 36000 | .071 | (2) |
| | 42000 | .078 TO .073 | B17898-73 (3) |
| | 49000 | .082 TO .073 | B17898-73 (3) |
| | AH18 AE(R)36 | .074 | (2) |

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. |
|-----------------|---------------------------|----------------------|----------------------|
| CKL42-1 | 42000 | .078 | (2) |
| | 47000 | .082 TO .078 | B17898-78 (3) |
| | 48000 | .082 TO .078 | B17898-78 (3) |
| | 49000 | .082 TO .078 | B17898-78 (3) |
| | 6000 | .090 TO .078 | B17898-78 (3) |
| | AE(R)48 | .082 | (2) |
| CKL49-1/3 | 47000 | .082 TO .080 | B17898-80 (1) |
| | 48000 | .082 TO .080 | B17898-80 (1) |
| | 49000 | .082 TO .080 | B17898-80 (1) |
| | 59000 | .090 TO .080 | B17898-80 (1) |
| | 60000 | .090 TO .080 | B17898-80 (1) |
| | 61000 AE(R)48 | .090 TO .080 .082 | B17898-80 (1) (2) |
| CKL60-1/3 | 60000 | .090 | (2) |
| | 61000 | .090 | (2) |
| | 62000 | .090 | (2) |
| | AE(R)60 | .090 | (2) |
| CKL62-1 | 59000 | .090 TO .093 | B17898-93 (1) |
| | 60000 | .090 TO .093 | B17898-93 (1) |
| | 61000 | .090 TO .093 | B17898-93 (1) |
| | 62000 | .090 TO .093 | B17898-93 (1) |
| | AE(R)60 | .090 TO .093 | B17898-93 (1) |
| CLJ18-1 | 18000 | .052 TO .055 | B17898-55 (1) |
| | 24000 | .059 TO .055 | B17898-55 (1) |
| | 29000 | .059 TO .055 | B17898-55 (1) |
| | 30000 | .065 TO .055 | B17898-55 (1) |
| | 31000 | .068 TO .055 | B17898-55 (1) |
| | 32000 | .068 TO .055 | B17898-55 (1) |
| | 36000 | .071 TO .055 | B17898-55 (1) |
| | AH18 | .049 TO .052 | B17898-52 (3) |
| | AE(R)24 | .062 TO .055 | B17898-55 (1) |

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. |
|--|---------------------------|------------------------------|--------------------------------|
| CLJ24-1 | 24000 | .059 | (2) |
| | 30000 | .065 TO .059 | B17898-59 (1) |
| | 31000 | .068 TO .059 | B17898-59 (1) |
| | 32000 | .068 TO .059 | B17898-59 (1) |
| | 29000 | .059 | (2) |
| | 36000 AE(R)24 | .071 TO .059 .062 TO .059 | B17898-59 (1) B17898-59 (1) |
| CLJ30-1 | 30000 | .065 | (2) |
| | 31000 | .068 TO .065 | B17898-65 (1) |
| | 32000 | .068 TO .065 | B17898-65 (1) |
| | 36000 | .071 TO .065 | B17898-65 (1) |
| | AE(R)30 AE(R)36 | .068 TO .065 .071 TO .065 | B17898-65 (1) B17898-65 (1) |
| CLJ36-1 | 36000 | .071 | (2) |
| | 42000 | .078 TO .073 | B17898-73 (1) |
| | 47000 | .082 TO .073 | B17898-73 (1) |
| | 49000 AE(R)36 | .082 TO .073 .074 | B17898-73 (1) (2) |
| <p>(1) SUPPLIED WITH OUTDOOR UNIT (2) CORRECT PISTON ALREADY PROVIDED ON INDOOR COIL (3) PURCHASE PISTON KIT FROM DISTRIBUTOR (4) B17898-65 PISTON PROVIDED ON INDOOR COIL (5) CORRECT PISTON ALREADY PROVIDED ON OUTDOOR UNIT (AT THE LIQUID SERVICE VALVE)</p> <p>NOTE: MOST UNITS ARE SHOWN AS THE ROOT UNIT. BTUHS AND ORIFICE SIZES ARE EQUAL FOR REVISED UNITS, UNLESS OTHERWISE NOTED.</p> | | | |

PISTON KIT CHART - SPLIT SYSTEM COOLING

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. |
|-----------------|---------------------------|--------------------|---------------------|
| CLJ42-1 | 42000 | .078 | (2) |
| | 48000 | .082 TO .078 | B17898-78 (1) |
| | 49000 | .082 TO .078 | B17898-78 (1) |
| | 59000 | .090 TO .078 | B17898-78 (1) |
| | 60000 | .090 TO .078 | B17898-78 (1) |
| | AE(R)48 | .082 TO .078 | B17898-78 (1) |
| CLJ48-1A | 48000 | .082 | (2) |
| | 49000 | .082 | (2) |
| | 59000 | .090 TO .082 | B17898-82 (1) |
| | 60000 | .090 TO .082 | B17898-82 (1) |
| | 61000 | .090 TO .082 | B17898-82 (1) |
| | 62000 | .090 TO .082 | B17898-82 (1) |
| | AE(R)48 | .082 | (2) |
| CLJ60-1 | 59000 | .090 TO .093 | B17898-93 (1) |
| | 60000 | .090 TO .093 | B17898-93 (1) |
| | 61000 | .090 TO .093 | B17898-93 (1) |
| | 62000 | .090 TO .093 | B17898-93 (1) |
| | | AE(R)60 | .090 TO .093 |
| CLT24-1A | 24000 | .059 TO .055 | B17898-55 (1) |
| | 29000 | .059 TO .055 | B17898-55 (1) |
| | 31000 | .059 TO .055 | B17898-55 (1) |
| | 32000 | .059 TO .055 | B17898-55 (1) |
| | 36000 | .059 TO .055 | B17898-55 (1) |
| | 42000 | .059 TO .055 | B17898-55 (1) |
| | 49000 | .059 TO .055 | B17898-55 (1) |
| | | AE(R)24 | .059 TO .055 |
| CLT30-1 | 30000 | .065 | (2) |
| | 32000 | .068 TO .065 | B17898-65 (1) |
| | 36000 | .071 TO .065 | B17898-65 (1) |
| | 42000 | .078 TO .065 | B17898-65 (1) |
| | 49000 | .082 TO .065 | B17898-65 (1) |
| | | AE(R)36 | .074 TO .065 |

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. | |
|-----------------|---------------------------|--------------------|---------------------|---------------|
| CLT36-1 | 47000 | .082 TO .074 | B17898-74 (1) | |
| | 48000 | .082 TO .074 | B17898-74 (1) | |
| | 49000 | .082 TO .074 | B17898-74 (1) | |
| | 60000 | .090 TO .074 | B17898-74 (1) | |
| | AE(R)36 | .074 | (2) | |
| CLT42-1 | 42000 | .078 | (2) | |
| | 48000 | .082 TO .078 | B17898-78 (3) | |
| | 49000 | .082 TO .078 | B17898-78 (3) | |
| | 61000 | .090 TO .080 | B17898-80 (1) | |
| | 62000 | .090 TO .080 | B17898-80 (1) | |
| | AE(R)48 | .082 | (2) | |
| CLT48-1 | 48000 | .082 | (2) | |
| | 49000 | .082 | (2) | |
| | 60000 | .090 TO .082 | B17898-82 (1) | |
| | 61000 | .090 TO .082 | B17898-82 (1) | |
| | AE(R)48 | .082 | (2) | |
| CLT60-1 | 60000 | .090 TO .088 | B17898-88 (1) | |
| | 61000 | .090 TO .088 | B17898-88 (1) | |
| | 62000 | .090 TO .088 | B17898-88 (1) | |
| | | AE(R)60 | .090 TO .088 | B17898-88 (1) |
| CLQ24-1 | 31000 | .068 TO .059 | B17898-59 (1) | |
| | 32000 | .068 TO .059 | B17898-59 (1) | |
| | 36000 | .071 TO .059 | B17898-59 (1) | |
| | 42000 | .078 TO .059 | B17898-59 (1) | |
| | 47000 | .082 TO .059 | B17898-59 (1) | |
| | 49000 | .082 TO .059 | B17898-59 (1) | |
| | | AE(R)24 | .062 TO .059 | B17898-59 (1) |
| | | | | |
| CLQ30-1 | 31000 | .068 TO .065 | B17898-65 (1) | |
| | 32000 | .068 TO .065 | B17898-65 (1) | |
| | 36000 | .071 TO .065 | B17898-65 (1) | |
| | 60000 | .090 TO .065 | B17898-65 (1) | |
| | 61000 | .090 TO .065 | B17898-65 (1) | |
| | 62000 | .090 TO .065 | B17898-65 (1) | |
| | | AE(R)36 | .074 TO .065 | B17898-65 (1) |

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. |
|-----------------|---------------------------|--------------------|---------------------|
| CLQ36-1 | 49000 | .082 TO .073 | B17898-73(1) |
| | 60000 | .082 TO .073 | B17898-73(1) |
| | 61000 | .082 TO .073 | B17898-73(1) |
| | 62000 | .082 TO .073 | B17898-73(1) |
| | | AE(R)36 | .082 TO .073 |
| CLQ42-1 | 49000 | .082 TO .080 | B17898-80(1) |
| | 60000 | .082 TO .080 | B17898-80(1) |
| | 61000 | .082 TO .080 | B17898-80(1) |
| | 62000 | .082 TO .080 | B17898-80(1) |
| | | AE(R)48 | .082 TO .080 |
| CLQ48-1 | 49000 | .082 | (2) |
| | 60000 | .090 TO .082 | B17898-82(1) |
| | 61000 | .090 TO .082 | B17898-82(1) |
| | 62000 | .090 TO .082 | B17898-82(1) |
| | AE(R)48 | .082 | (2) |
| CLQ60-1 | 60000 | .090 | (2) |
| | 61000 | .090 | (2) |
| | 62000 | .090 | (2) |
| | AE(R)60 | .090 | (2) |

(1) SUPPLIED WITH OUTDOOR UNIT
 (2) CORRECT PISTON ALREADY PROVIDED ON INDOOR COIL
 (3) PURCHASE PISTON KIT FROM DISTRIBUTOR
 (4) B17898-65 PISTON PROVIDED ON INDOOR COIL
 (5) CORRECT PISTON ALREADY PROVIDED ON OUTDOOR UNIT (AT THE LIQUID SERVICE VALVE)

NOTE: MOST UNITS ARE SHOWN AS THE ROOT UNIT. BTUHS AND ORIFICE SIZES ARE EQUAL FOR REVISED UNITS, UNLESS OTHERWISE NOTED.

PISTON KIT CHART - SPLIT SYSTEM HEAT PUMPS

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. |
|-----------------|---------------------------|--------------------|---------------------|
| CPLE18-1 | 18000 | .052 | (2) |
| | 24000 | .059 TO .052 | B17898-52 (3) |
| | 29000 | .059 TO .052 | B17898-52 (3) |
| | 36000 | .071 TO .052 | B17898-52 (3) |
| CPLE24-1 | 24000 | .059 | (2) |
| | 29000 | .059 | (2) |
| | 30000 | .065 TO .059 | B17898-59 (3) |
| | 31000 | .068 TO .059 | B17898-59 (3) |
| | 32000 | .068 TO .059 | B17898-59 (3) |
| CPLE30-1 | 36000 | .071 TO .059 | B17898-59 (3) |
| | 29000 | .059 TO .065 | B17898-65 (3) |
| | 30000 | .065 | (2) |
| | 31000 | .068 | (2) |
| | 32000 | .068 | (2) |
| CPLE36-1 | 36000 | .071 TO .068 | B17898-68 (3) |
| | 48000 | .082 TO .068 | B17898-68 (3) |
| | 35000 | .071 TO .074 | B17898-74 (1) |
| | 36000 | .071 TO .074 | B17898-74 (1) |
| | 42000 | .078 TO .074 | B17898-74 (1) |
| CPLE42-1 | 47000 | .082 TO .074 | B17898-74 (1) |
| | 48000 | .082 TO .074 | B17898-74 (1) |
| | 49000 | .082 TO .074 | B17898-74 (1) |
| | 42000 | .078 | (2) |
| | 47000 | .082 TO .078 | B17898-78 (3) |
| CPLE48-1 | 48000 | .082 TO .078 | B17898-78 (3) |
| | 49000 | .082 TO .078 | B17898-78 (3) |
| | 47000 | .082 | (2) |
| | 49000 | .082 | (2) |
| | 59000 | .090 TO .082 | B17898-82 (3) |
| CPLE48-1 | 60000 | .090 TO .082 | B17898-82 (3) |
| | 61000 | .090 TO .082 | B17898-82 (3) |
| | 62000 | .090 TO .082 | B17898-82 (3) |
| | 62000 | .090 TO .082 | B17898-82 (3) |

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. |
|-----------------|---------------------------|--------------------|---------------------|
| CPLT36-1 | 48000 | .082 TO .073 | B17898-73 (1) |
| | 49000 | .082 TO .073 | B17898-73 (1) |
| | 60000 | .082 TO .073 | B17898-73 (1) |
| | AE(R)36 | .082 TO .073 | B17898-73 (1) |
| CPLT42-1 | 49000 | .082 TO .078 | B17898-78 (1) |
| | 60000 | .090 TO .078 | B17898-78 (1) |
| | 61000 | .090 TO .078 | B17898-78 (1) |
| | AE(R)48 | .082 TO .078 | B17898-78 (1) |
| CPLT48-1 | 61000 | .090 TO .084 | B17898-84 (1) |
| | AE(R)48 | .082 TO .084 | B17898-84 (1) |
| CPLT60-1 | 61000 | .090 TO .092 | B17898-92 (1) |
| | AE(R)60 | .090 TO .092 | B17898-92 (1) |
| CPLE60-1/3 | 61000 | .090 TO .092 | B17898-92 (1) |
| CPLJ18-1 | 18000 | .052 | (2) |
| | 24000 | .059 TO .055 | B17898-55 (1) |
| | 32000 | .068 TO .055 | B17898-55 (1) |
| | 36000 | .071 TO .055 | B17898-55 (1) |
| | AE(R)24 | .062 TO .055 | B17898-55 (1) |
| CPLJ24-1 | 24000 | .059 TO .065 | B17898-65 (1) |
| | 30000 | .065 | (2) |
| | 31000 | .068 TO .065 | B17898-65 (1) |
| | 32000 | .068 TO .065 | B17898-65 (1) |
| | 36000 | .071 TO .065 | B17898-65 (1) |
| | 42000 | .078 TO .065 | B17898-65 (1) |
| | AE(R)24 | .062 TO .065 | B17898-65 (1) |
| CPLJ30-1 | 30000 | .065 | (2) |
| | 32000 | .068 | (2) |
| | 36000 | .071 TO .068 | B17898-68 (1) |
| | 42000 | .078 TO .068 | B17898-68 (1) |
| | AE(R)30 | .068 | (2) |
| CPLJ36-1 | AE(R)36 | .074 TO .068 | B17898-68 (1) |
| | 36000 | .071 | (2) |
| | 42000 | .078 TO .074 | B17898-74 (1) |
| | 49000 | .082 TO .074 | B17898-74 (1) |
| AE(R)36 | .074 | (2) | |

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. |
|-----------------|---------------------------|--------------------|---------------------|
| CPLJ42-1 | 42000 | .078 | (2) |
| | 49000 | .082 TO .078 | B17898-78 (1) |
| | 60000 | .090 TO .078 | B17898-78 (1) |
| | 61000 | .090 TO .078 | B17898-78 (1) |
| | AE(R)48 | .082 TO .078 | B17898-78 (1) |
| CPLJ48-1 | 48000 | .082 | (2) |
| | 49000 | .082 TO .084 | B17898-84(1) |
| | 60000 | .090 TO .084 | B17898-84(1) |
| | 61000 | .090 TO .084 | B17898-84(1) |
| | AE(R)48 | .082 TO .084 | B17898-84(1) |
| CPLJ60-1 | 60000 | .090 TO .089 | B17898-89 (1) |
| | 61000 | .090 TO .089 | B17898-89 (1) |
| | 62000 | .090 TO .089 | B17898-89 (1) |
| | AE(R)60 | .090 TO .089 | B17898-89 (1) |
| CPLT24-1 | 32000 | .068 TO .062 | B17898-62 (1) |
| | 36000 | .071 TO .062 | B17898-62 (1) |
| | 42000 | .078 TO .062 | B17898-62 (1) |
| | AE(R)24 | .062 | (2) |
| CPLT30-1 | 32000 | .068 TO .071 | B17898-71 (1) |
| | 36000 | .071 | (2) |
| | 42000 | .078 TO .071 | B17898-71 (1) |
| | AE(R)30 | .068 TO .071 | B17898-71 (1) |
| | AE(R)36 | .074 TO .071 | B17898-71 (1) |

(1) SUPPLIED WITH OUTDOOR UNIT
(2) CORRECT PISTON ALREADY PROVIDED ON INDOOR COIL
(3) PURCHASE PISTON KIT FROM DISTRIBUTOR
(4) B17898-65 PISTON PROVIDED ON INDOOR COIL
(5) CORRECT PISTON ALREADY PROVIDED ON OUTDOOR UNIT (AT THE LIQUID SERVICE VALVE)
NOTE: MOST UNITS ARE SHOWN AS THE ROOT UNIT. BTUHS AND ORIFICE SIZES ARE EQUAL FOR REVISED UNITS, UNLESS OTHERWISE NOTED.

PISTON KIT CHART

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. |
|---|--|--|---|
| EXPORT UNITS | | | |
| CKF36-2/5 CKF36-2L/5L | 36000 | .067 | (2) |
| CKF48-5 CKF48-5L | 48000 | .076 | (2) |
| CKF60-5 CKF60-5L CKF705L | 60000 60000 60000 | .089 .089 .089 | (2) (2) (2) |
| CPKF24-2 CPKF24-2L CPKF36-2/5 CPKF36-2L/5L | 24000 24000 36000 36000 | .059 .059 .067 .067 | (2) (2) (2) (2) |
| CPKF36-2/5 CPKF36-2L/5L | 48000 48000 | .076 TO .067 .076 TO .067 | B17898-67(3) B17898-67(3) |
| CPKF42-5 CPKF42-5L CPKF48-2 CPKF48-2L CPKF48-5 CPKF48-5L CPKF60-5 CPKF60-5L CPKF61-5 CPKF61-5L | 48000 48000 48000 48000 48000 48000 60000 60000 60000 60000 | .076 TO .073 .076 TO .073 .076 .076 .076 .076 .089 .089 .089 TO .092 .089 TO .092 | B17898-73 (3) B17898-73 (3) (2) (2) (2) (2) (2) (2) (2) B17898-92 (3) B17898-92 (3) |

| OUTDOOR SECTION | GOODMAN INDOOR COIL BTU's | INDOOR PISTON SIZE | PISTON KIT PART NO. |
|-------------------------------|---------------------------|--------------------|----------------------|
| MINI SPLIT UNITS | | | |
| HDC12-1A | 12000 18000 | .045 .045 | (5) (5) |
| HDC18-1A | 18000 24000 | .052 .052 | (5) (5) |
| HDC24-1A | 24000 | .055 | (5) |
| HDP12-1A | 12000 18000 | .045 .045 | (5) (5) |
| HDP18-1A | 18000 24000 | .052 .052 | (5) (5) |
| HDP24-1A | 24000 | .055 | (5) |
| THROUGH THE WALL UNITS | | | |
| TWC18-1 | 18000 | .052 | (2) |
| TWC24-1 | 24000 30000 | .059 .059 | (2) B17898-59 (3) |
| TWCR30-1 | 36000 | .062 | B17898-62 (1) |