

Parts List

& Wiring Diagrams

Models

Single Phase

| | |
|-------------|-------------|
| PGAA18B1K6 | NPGAA36E1K6 |
| PGAA18C1K6 | NPGAA42C1K6 |
| PGAA24B1K6 | NPGAA42E1K6 |
| PGAA24C1K6 | NPGAA47D1K6 |
| PGAA24D1K6 | NPGAA47F1K6 |
| PGAA30C1K6 | NPGAA60D1K6 |
| PGAA30D1K6 | NPGAA60E1K6 |
| PGAA36C1K6 | NPGAA60G1K6 |
| PGAA36D1K6 | |
| PGMD18G0406 | PGMD36G1156 |
| PGMD18G0606 | PGMD42G0606 |
| PGMD24G0406 | PGMD42G1156 |
| PGMD24G0606 | PGMD48G0906 |
| PGMD24G0906 | PGMD48G1356 |
| PGMD30G0606 | PGMD60G0906 |
| PGMD30G0906 | PGMD60G1156 |
| PGMD36G0606 | PGMD60G1506 |
| PGMD36G0906 | |

Package Gas-Electric Combination Units

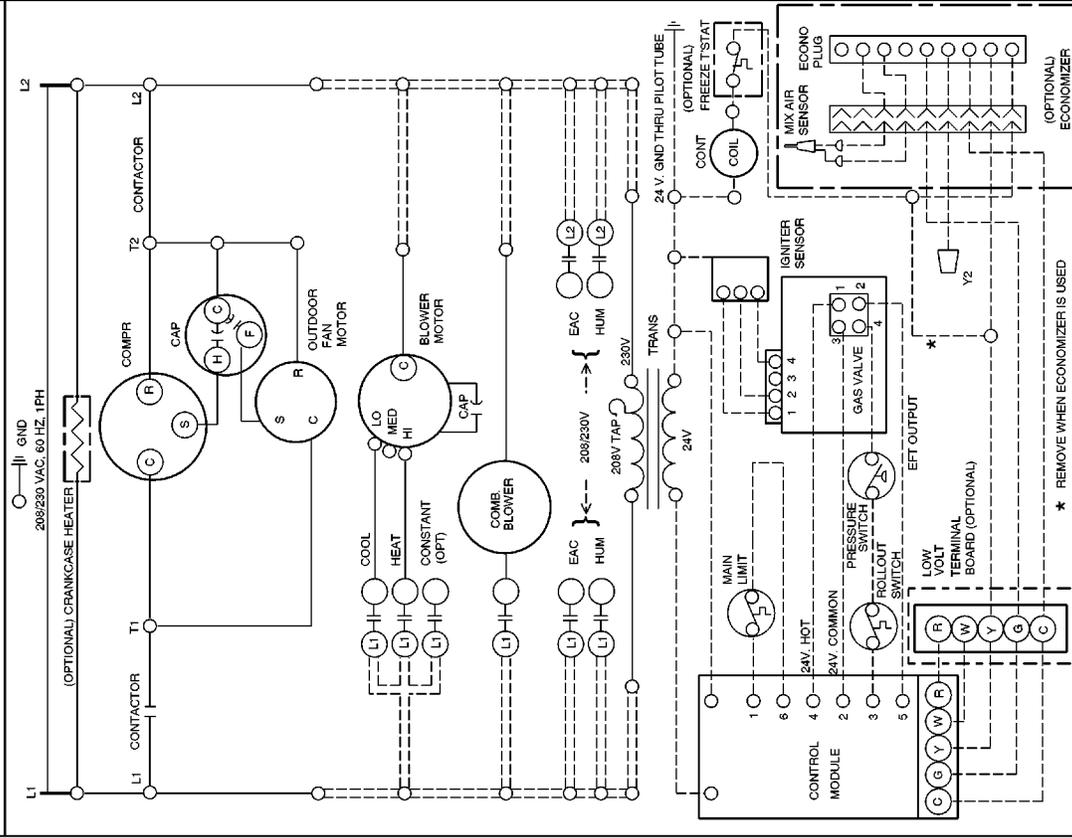
Manufactured by:
International Comfort Products
Lewisburg, TN USA 37091

Save This Manual For Future Reference

462 041003 00
7-25-97
LP-1

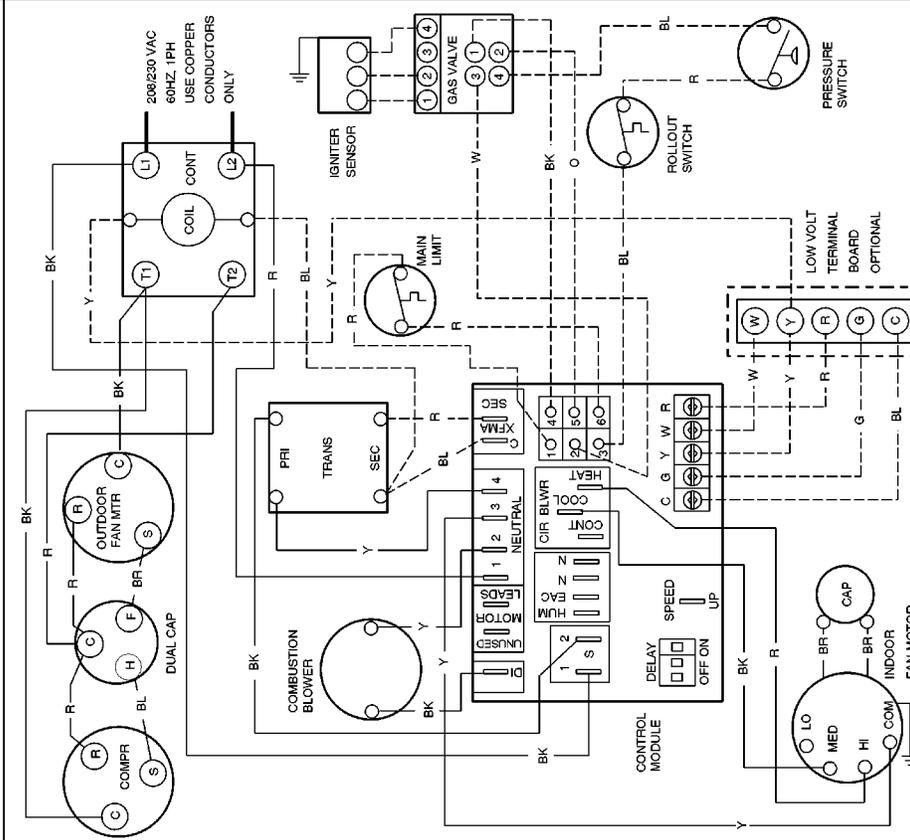
1 1/2 - 3 1/2 TON

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



1082414

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING

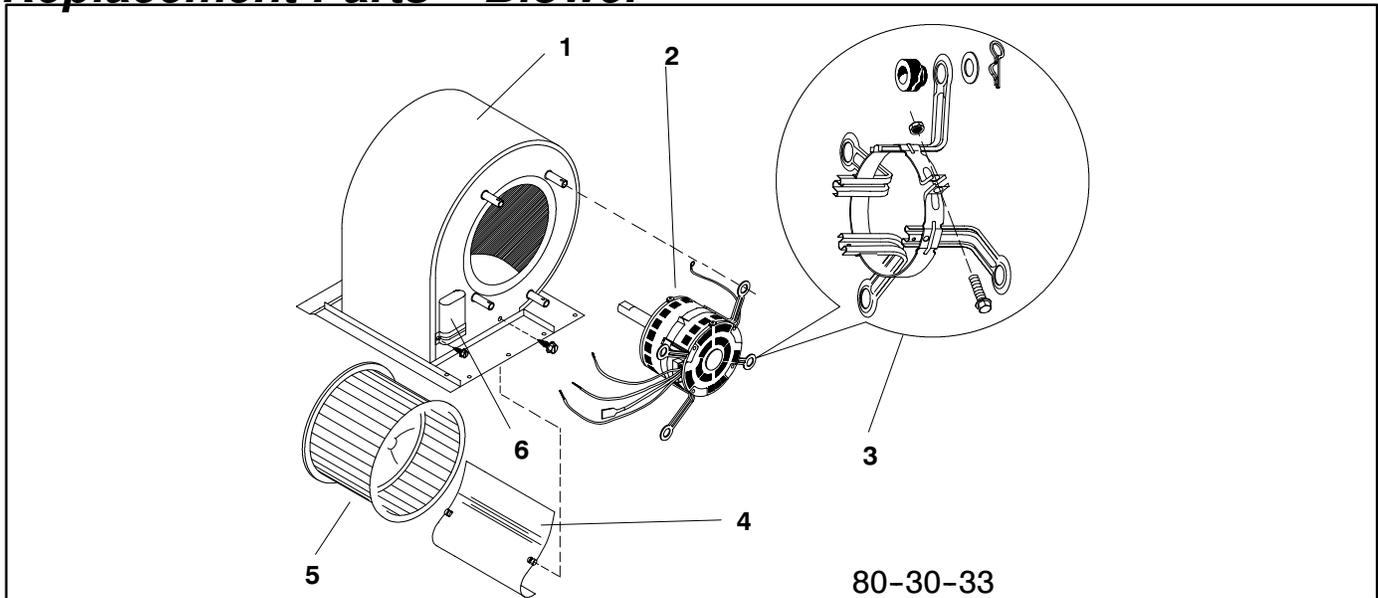


IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWMI-105 C OR ITS EQUIVALENT.
* SEE INSTALLATION INSTRUCTIONS FOR PROPER HEATING AND COOLING CONNECTIONS FOR YOUR UNIT

| LINE VOLTAGE FACTORY | COLOR CODE | BLACK BK | WHITE W |
|-------------------------|------------|----------|----------|
| LINE VOLTAGE FIELD | BLUE BL | BROWN BR | YELLOW Y |
| LOW VOLTAGE FACTORY | BROWN BR | GRAY GR | VIOLET V |
| LOW VOLTAGE FIELD | GRAY GR | | |
| INTERNAL CIR BRD WIRING | | | |

1082413

Replacement Parts - Blower

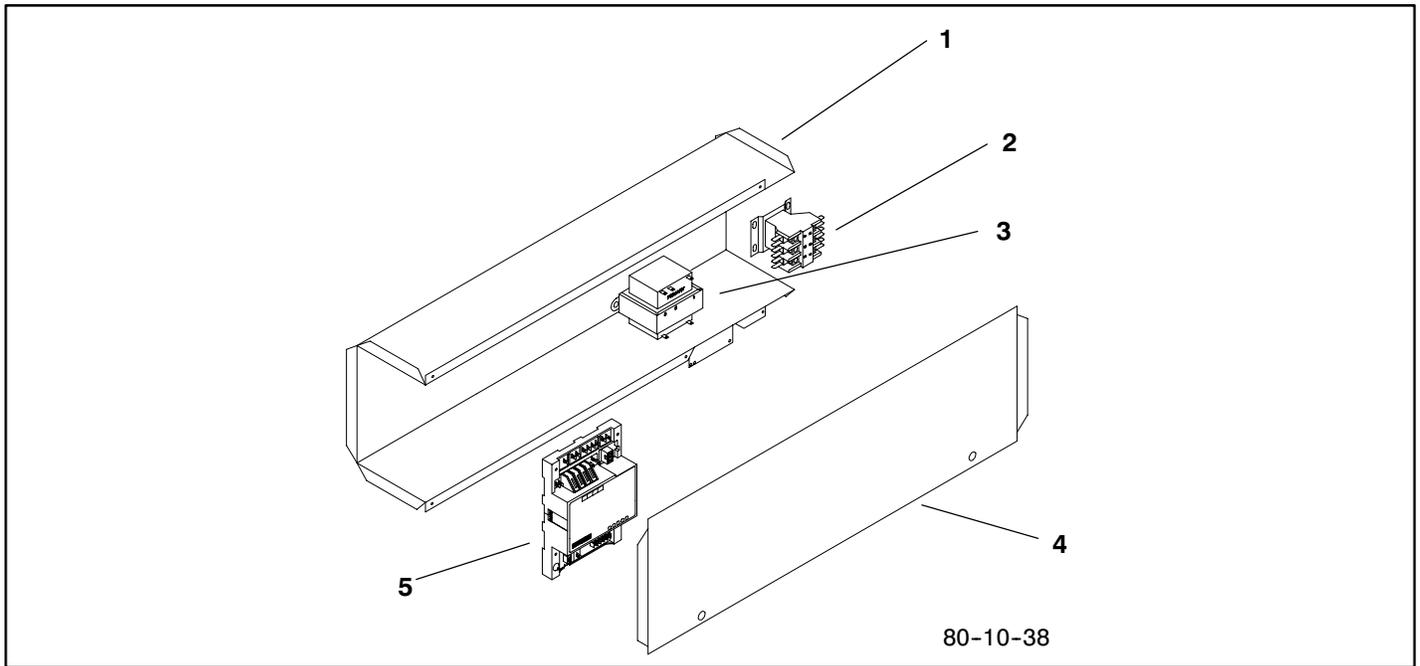


Replacement Parts

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

| Key No. | Description | Replacement Part Number | Model Number/Quantity Required | | | | | |
|---------|--|--|--|--|---|--|-------------------|--|
| | | | PGAA / PGMD | | | | | |
| | | | 18B1K6 18G0406 18C1K6 18G0606 | 24B1K6 24G0406 24C1K6 24G0606 | 24D1K6 24G0906 30C1K6 30G0606 30D1K6 30G0906 | 36C1K6 36G0606 36D1K6 36G0906 | 36E1K6 36G1156 | 42C1K6 42G0606 42E1K6 42G1156 |
| 1 | Housing, Blower | 1065299 1065300 1065301 | 1 - - | 1 - | - 1 | - 1 | - - | - - |
| 2 | Motor, Blower | 1065302 1065281 1054630 1064629 1055279 1054579 | 1 - - - - | 1 - | - 1 - | - - | 1 - | 1 - |
| 3 | Kit, Motor Mount | 1095236 1093453 | 1 - | 1 - | - 1 | - 1 | - 1 | - 1 |
| 4 | Panel, Cut-Off | 611796 95143 1065102 1065103 | 1 - - - | 1 - | - 1 - | - 1 - | - - | - 1 |
| 5 | Wheel, Blower | 611795 600587 1054592 | 1 - - | 1 - | - 1 | - 1 | - - | - - |
| 6 | Capacitor, 5.0MFD., 370V. 7.5MFD., 370V. 15.0MFD., 370V. | 1065361 1094954 1094239 1094959 | 1 - - - | 1 - | - 1 - | - 1 | 1 - | 1 - |
| | | | 47D1K6 48G0906 | 47F1K6 48G1356 | 60D1K6 60G0906 | 60E1K6 60G1156 | 60G1K6 60G1506 | |
| 1 | Housing, Blower | 1065072 1065074 | 1 - | - 1 | - 1 | - 1 | - 1 | |
| 2 | Motor, Blower | 1065278 1054585 1065129 1054586 | 1 - - - | 1 - | - 1 - | - 1 - | - 1 | |
| 3 | Kit, Motor Mount | 1004905 1002804 | 1 - | - 1 | - 1 | - - | - 1 | |
| 4 | Panel, Cut-Off | 95145 1065073 | 1 - | 1 - | 1 1 | - 1 | - 1 | |
| 5 | Wheel, Blower | 1057877 1054593 | 1 - | - 1 | - 1 | - 1 | - 1 | |
| 6 | Capacitor, 15.0MFD., 370V. 20.0MFD., 440V. | 1094959 1094968 | 1 - | - 1 | - 1 | - 1 | - 1 | |

Replacement Parts - Control Box

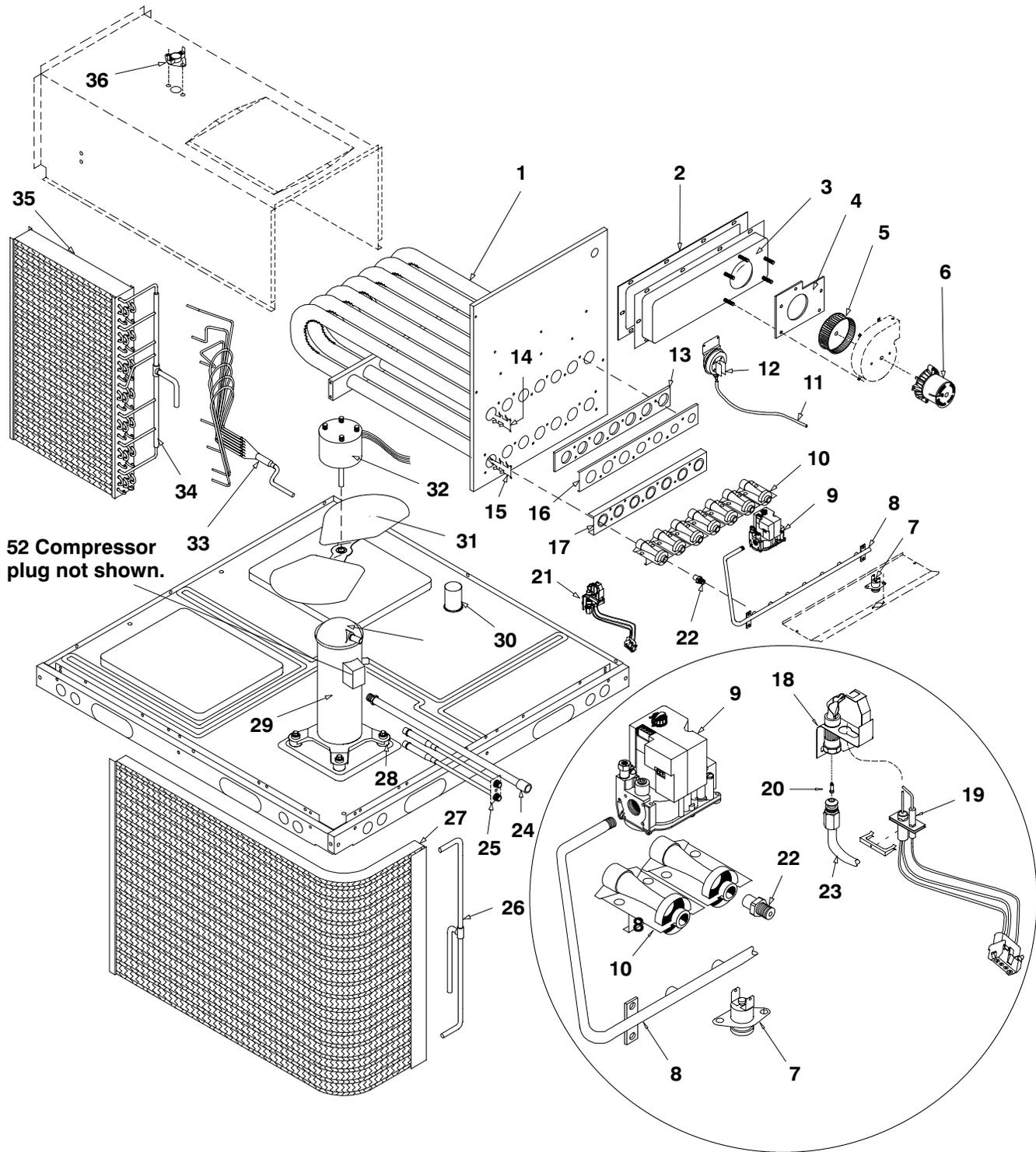


Replacement Parts

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

| Key No. | Description | Replacement Part Number | Model Number/Quantity Required | | | | | |
|---------|----------------------------------|-------------------------|--|---|--|---|--|--|
| | | | PGAA / PGMD | | | | | |
| | | | 18B1K6 18G0406 18C1K6 18G0606 | 24B1K6 24G0406 24C1K6 24G0606 24D1K6 24G0906 | 30C1K6 30G0606 30D1K6 30G0906 | 36C1K6 36G0606 36D1K6 36G0906 36E1K6 36G1156 | 42C1K6 42G0606 42E1K6 42G1156 | |
| 1 | Box, Control | 1054384 | 1 | 1 | 1 | 1 | 1 | |
| 2 | Contactor, 25AMP, 1Ph. 35 AMP | 1050699 1050839 | 1 - | 1 - | 1 - | 1 - | - 1 | |
| 3 | Transformer | 1082611 | 1 | 1 | 1 | 1 | 1 | |
| 4 | Cover, Control Box | 1054475 | 1 | 1 | 1 | 1 | 1 | |
| 5 | Timer, Fan (Honeywell) | 1009837 | 1 | 1 | 1 | 1 | 1 | |
| | | | 47D1K6 48G0906 | 47F1K6 48G1356 | 60D1K6 60G0906 | 60E1K6 60G1156 | 60G1K6 60G1506 | |
| 1 | Box, Control | 1054509 | 1 | 1 | 1 | 1 | 1 | |
| 2 | Contactor 35 AMP | 1050839 | 1 | 1 | 1 | 1 | 1 | |
| 3 | Transformer | 1082611 | 1 | 1 | 1 | 1 | 1 | |
| 4 | Cover, Control Box | 1054510 | 1 | 1 | 1 | 1 | 1 | |
| 5 | Timer, Fan (Honeywell) | 1009837 | 1 | 1 | 1 | 1 | 1 | |

Functional Replacement Parts



52 Compressor plug not shown.

FOR PARTS LIST
SEE PAGES 8-9

80-31-08

Functional Replacement Parts

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

Model Number/Quantity Required

PGAA / PGMD

| Key No. | Description | Replacement Part Number | 18B1K6 | 18C1K6 | 24B1K6 | 24C1K6 | 24D1K6 | 30C1K6 | 30D1K6 | 36C1K6 | 36D1K6 |
|---------|---|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | 18G0406 | 18G0606 | 24G0406 | 24G0606 | 24G0906 | 30G0606 | 30G0906 | 36G0606 | 36G0906 |
| 1 | Exchanger, Heat (Includes Key Nos. 2, 13, 14, 15, 16 and 17) | 1061247 | 1 | - | 1 | | | | | | |
| | | 1061248 | - | 1 | - | 1 | - | 1 | - | 1 | |
| | | 1061249 | - | - | - | - | 1 | - | 1 | - | 1 |
| 2 | Gasket, Collector Box | 1065209 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | Box, Collector | 1065256 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | Gasket, Blower | 607014 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | Wheel, Exhaust Blower | * * * * | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | Motor, Exhaust Blower | * * * * | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 | Switch, Limit | 1005548 | 1 | - | 1 | - | - | - | - | - | - |
| | | 1005549 | - | 1 | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | Manifold | 1004138 | 1 | - | 1 | | | | | | |
| | | 1004139 | - | 1 | - | 1 | - | 1 | - | 1 | |
| | | 1004140 | - | - | - | - | 1 | - | 1 | - | 1 |
| 9 | Valve, Gas (Nat.) (L. P.) | 1009093 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 1009094 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | Assembly, Burner | 1009178 | 1 | - | 1 | | | | | | |
| | | 1008724 | - | 1 | - | 1 | - | 1 | - | 1 | |
| | | 1008725 | - | - | - | - | 1 | - | 1 | - | 1 |
| 11 | Tube, Sensor | 609258 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 | Switch, Pressure | 1065208 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 | Gasket, Restrictor Plate | 1065216 | 1 | - | 1 | | | | | | |
| | | 1065215 | - | 1 | - | 1 | - | 1 | - | 1 | |
| | | 1065214 | - | - | - | - | 1 | - | 1 | - | 1 |
| 14 | Turbulator, Outlet | 1054516 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 3 | 4 |
| 15 | Turbulator, Inlet | 1083436 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 3 | 4 |
| 16 | Plate, Restrictor | 1054397 | 1 | - | 1 | | | | | | |
| | | 1054396 | - | 1 | - | 1 | - | 1 | - | 1 | |
| | | 1054395 | - | - | - | - | 1 | - | 1 | - | 1 |
| 17 | Plate, Injector | 1004134 | 1 | - | 1 | | | | | | |
| | | 1004135 | - | 1 | - | 1 | - | 1 | - | 1 | |
| | | 1004136 | - | - | - | - | 1 | - | 1 | - | 1 |
| 18 | Bracket, Ignitor | 1054275 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | Ignitor & Sensor | 1009524 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 20 | Orifice, Pilot Burner (Nat. Gas) (L. P. Gas) | 503211 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 612923 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 21 | Burner, Pilot / Ignitor / Sensor (Includes No.18, 19 & 20) (Nat) (L. P.) | 1008731 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 1008732 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22♦ | Orifice, Burner (Nat. Gas) (No. 44) ♦ (No. 43) ♦ (L. P. Gas) (No. 55) ♦ (No. 54) ♦ | 1065253 | 2 | 3 | 2 | 3 | - | 3 | - | 3 | |
| | | 1065252 | - | - | - | - | 4 | - | 4 | - | 4 |
| | | 1065255 | 2 | 3 | 2 | 3 | - | 3 | - | 3 | |
| | | 1004142 | - | - | - | - | 4 | - | 4 | - | 4 |
| 23 | Tube, Pilot | 64930 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 24 | Tube, Drain | 1069172 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | Assembly, Valve Port | 1082715 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 26 | Manifold, Condenser | 1066200 | - | - | - | - | - | 1 | 1 | | |
| | | 1066313 | - | - | - | - | - | - | - | 1 | 1 |
| 27 | Coil, Condenser | 1081411 | 1 | 1 | 1 | 1 | 1 | | | | |
| | | 1081416 | - | - | - | - | - | 1 | 1 | | |
| | | 1081417 | - | - | - | - | - | - | - | 1 | 1 |

FOR PARTS ILLUSTRATION, SEE PAGE 7

♦ SEE NOTE PAGE 9

Functional Replacement Parts

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

| | | | Model Number/Quantity Required | | | | | | | | |
|---------|--|-------------------------|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | PGAA / PGMD | | | | | | | | |
| Key No. | Description | Replacement Part Number | 18B1K6 | 18C1K6 | 24B1K6 | 24C1K6 | 24D1K6 | 30C1K6 | 30D1K6 | 36C1K6 | 36D1K6 |
| | | | 18G0406 | 18G0606 | 24G0406 | 24G0606 | 24G0906 | 30G0606 | 30G0906 | 36G0606 | 36G0906 |
| 28 | Grommet, Compressor Mounting | 1053188 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | - | 4 |
| | | 1052060 | - | - | - | - | - | - | - | 4 | - |
| 29 | Compressor, CR16KF-PFV-1 | 1082715 | 1 | 1 | | | | | | | |
| | CR22KF-PFV-1 | 1082716 | - | - | 1 | 1 | 1 | | | | |
| | CR28KF-PFV-1 | 1082717 | - | - | - | - | - | 1 | 1 | | |
| | ZR34KC-PFV-1 | 1084517 | - | - | - | - | - | - | - | 1 | 1 |
| -- | Muffler (part not illustrated) | 1066297 | - | - | - | - | - | 1 | 1 | 1 | 1 |
| 30 | Capacitor, 3 / 25MFD., 440V. | 1082634 | 1 | 1 | - | - | - | - | - | - | - |
| | 3 / 30 MFD. 440V | 1082635 | - | - | 1 | 1 | 1 | | | | |
| | 5 / 35MFD., 370V. | 1094978 | - | - | - | - | - | 1 | 1 | - | - |
| | 5 / 50MFD., 370V. | 1094993 | - | - | - | - | - | - | - | 1 | 1 |
| 31 | Blade, Fan | 1065388 | 1 | 1 | 1 | 1 | 1 | - | - | - | - |
| | | 1080790 | - | - | - | - | - | 1 | 1 | 1 | 1 |
| 32 | Motor, Condenser Fan | 1082491 | 1 | 1 | 1 | 1 | 1 | - | - | - | - |
| | | 1082492 | - | - | - | - | - | 1 | 1 | 1 | 1 |
| 33 | Tube, Capillary | 1065330 | 1 | 1 | - | - | - | - | - | - | - |
| | | 1065329 | - | - | 1 | 1 | 1 | - | - | - | - |
| | | 1065263 | - | - | - | - | - | 1 | 1 | - | - |
| | | 1065187 | - | - | - | - | - | - | - | 1 | 1 |
| 34 | Manifold, Evaporator | 1065289 | 1 | 1 | - | - | - | - | - | - | - |
| | | 1065262 | - | - | 1 | 1 | 1 | 1 | 1 | - | - |
| | | 1065186 | - | - | - | - | - | - | - | 1 | 1 |
| 35 | Coil, Evaporator | 1081461 | 1 | 1 | - | - | - | - | - | - | - |
| | | 1081466 | - | - | 1 | 1 | 1 | - | - | - | - |
| | | 1081488 | - | - | - | - | - | 1 | 1 | - | - |
| | | 1082426 | - | - | - | - | - | - | - | 1 | 1 |
| 36 | Switch, Limit (Blower Deck) | 1065207 | 1 | - | 1 | - | - | - | - | - | - |
| | | 1065295 | - | 1 | - | - | 1 | - | 1 | - | 1 |
| | | 1065638 | - | - | - | 1 | - | 1 | - | 1 | - |
| 52 | Plug, Compressor | 1083811 | - | - | - | - | - | - | - | - | - |
|))(| Assembly, Exhaust Blower (Includes No. 4, 5 and 6) | 1054268 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|))(| Manual, User's Information | 1068276 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|))(| Manual, Installation | 46201100100 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|))(| PART NOT ILLUSTRATED | | | | | | | | | | |

FOR PARTS ILLUSTRATION
SEE PAGE 23

◆ NOTE: HIGH ALTITUDE OPERATION

THE CORRECT GAS ORIFICE SIZE FOR A SPECIFIC APPLICATION CAN BE SELECTED BY REFERRING TO THE RATING PLATE AND / OR TABLE F-4 OF ANSI Z223.1 NATIONAL FUEL GAS CODE.

THE FOLLOWING IS A LIST OF GAS ORIFICES AND CORRESPONDING PART NUMBERS.

| DRILL SIZE | PART NUMBER | DRILL SIZE | PART NUMBER |
|------------|-------------|------------|-------------|
| 42 | 1004143 | 47 | 1065125 |
| 43 | 1065252 | 53 | 1065275 |
| 44 | 1065253 | 54 | 1004142 |
| 45 | 1065121 | 55 | 1065255 |
| 46 | 1065254 | 56 | 1065167 |

No high altitude field conversion can be performed in Canada.

Functional Replacement Parts

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

| | | | Model Number/Quantity Required | | | | | | |
|---------|---|-------------------------|--------------------------------|---------|---------|--|--|--|--|
| | | | PGAA / PGMD | | | | | | |
| Key No. | Description | Replacement Part Number | 36E1K6 | 42C1K6 | 42E1K6 | | | | |
| | | | 36G1156 | 42G0606 | 42G1156 | | | | |
| 1 | Exchanger, Heat (Includes Key Nos. 2, 13, 14, 15, 16 and 17) | 1061250 | 1 | - | 1 | | | | |
| | | 1061248 | - | 1 | - | | | | |
| 2 | Gasket, Collector Box | 1065209 | 1 | 1 | 1 | | | | |
| 3 | Box, Collector | 1065256 | 1 | 1 | 1 | | | | |
| 4 | Gasket, Blower | 607014 | 1 | 1 | 1 | | | | |
| 5 | Wheel, Exhaust Blower | * * * * | 1 | 1 | 1 | | | | |
| 6 | Motor, Exhaust Blower | * * * * | 1 | 1 | 1 | | | | |
| 7 | Switch, Limit | 1005549 | 1 | 1 | 1 | | | | |
| 8 | Manifold | 1004141 | 1 | - | 1 | | | | |
| | | 1004139 | - | 1 | - | | | | |
| 9 | Valve, Gas (Nat.) | 1009093 | 1 | 1 | 1 | | | | |
| | (L. P.) | 1009094 | 1 | 1 | 1 | | | | |
| 10 | Assembly, Burner | 1008726 | 1 | - | 1 | | | | |
| | | 1008724 | - | 1 | - | | | | |
| 11 | Tube, Sensor | 609258 | 1 | 1 | 1 | | | | |
| 12 | Switch, Pressure | 1065208 | 1 | 1 | 1 | | | | |
| 13 | Gasket, Restrictor Plate | 1065213 | 1 | - | 1 | | | | |
| | | 1065215 | - | 1 | - | | | | |
| 14 | Turbulator, Outlet | 1054516 | 5 | 3 | 5 | | | | |
| 15 | Turbulator, Inlet | 1083436 | 5 | 3 | 5 | | | | |
| 16 | Plate, Restrictor | 1054394 | 1 | - | 1 | | | | |
| | | 1054396 | - | 1 | - | | | | |
| 17 | Plate, Injector | 1004137 | 1 | - | 1 | | | | |
| | | 1004135 | - | 1 | - | | | | |
| 18 | Bracket, Ignitor | 1054275 | 1 | 1 | 1 | | | | |
| 19 | Ignitor & Sensor, HSP | 1009524 | 1 | 1 | 1 | | | | |
| 20 | Orifice, Pilot Burner (Nat. Gas) (.018) | 503211 | 1 | 1 | 1 | | | | |
| | (L.P. Gas) (.012) | 612923 | 1 | 1 | 1 | | | | |
| 21 | Burner, Pilot / Ignitor / Sensor (Includes No. 18, 19 & 20) (Nat) | 1008731 | 1 | 1 | 1 | | | | |
| | (L.P.) | 1008732 | 1 | 1 | 1 | | | | |
| 22◆ | Orifice, Burner (Nat. Gas) (No. 43)◆ | 1065252 | 5 | - | 5 | | | | |
| | (No. 44)◆ | 1065253 | - | 3 | - | | | | |
| | (L.P. Gas) (No. 54)◆ | 1004142 | 5 | - | 5 | | | | |
| | (No. 55)◆ | 1065255 | - | 3 | - | | | | |
| 23 | Tube, Pilot | 64930 | 1 | 1 | 1 | | | | |
| 24 | Tube, Drain | 1069172 | 1 | 1 | 1 | | | | |
| 25 | Assembly, Valve Port | 1083939 | 1 | 1 | 1 | | | | |
| 26 | Manifold, Condenser | 1066313 | 1 | - | - | | | | |
| | | 1065183 | - | 1 | 1 | | | | |
| 27 | Coil, Condenser | 1081417 | 1 | 1 | 1 | | | | |
| 28 | Grommet, Compressor Mounting | 1053188 | 4 | - | - | | | | |
| | | 1052060 | - | 4 | 4 | | | | |
| 29 | Compressor, ZR34KC-PFV-1 | 1084517 | 1 | - | - | | | | |
| | ZR42KC-PFV-1 | 1082502 | - | 1 | 1 | | | | |
| 30 | Capacitor, 5 / 50MFD., 370V. | 1094993 | 1 | - | - | | | | |
| | 5 / 40MFD., 440V | 1094987 | - | 1 | 1 | | | | |
| | ◆ SEE NOTE PAGE 11 | | | | | | | | |
| | CONTINUED ON PAGE 11 | | | | | | | | |
| | FOR PARTS ILLUSTRATION SEE PAGE 7 | | | | | | | | |

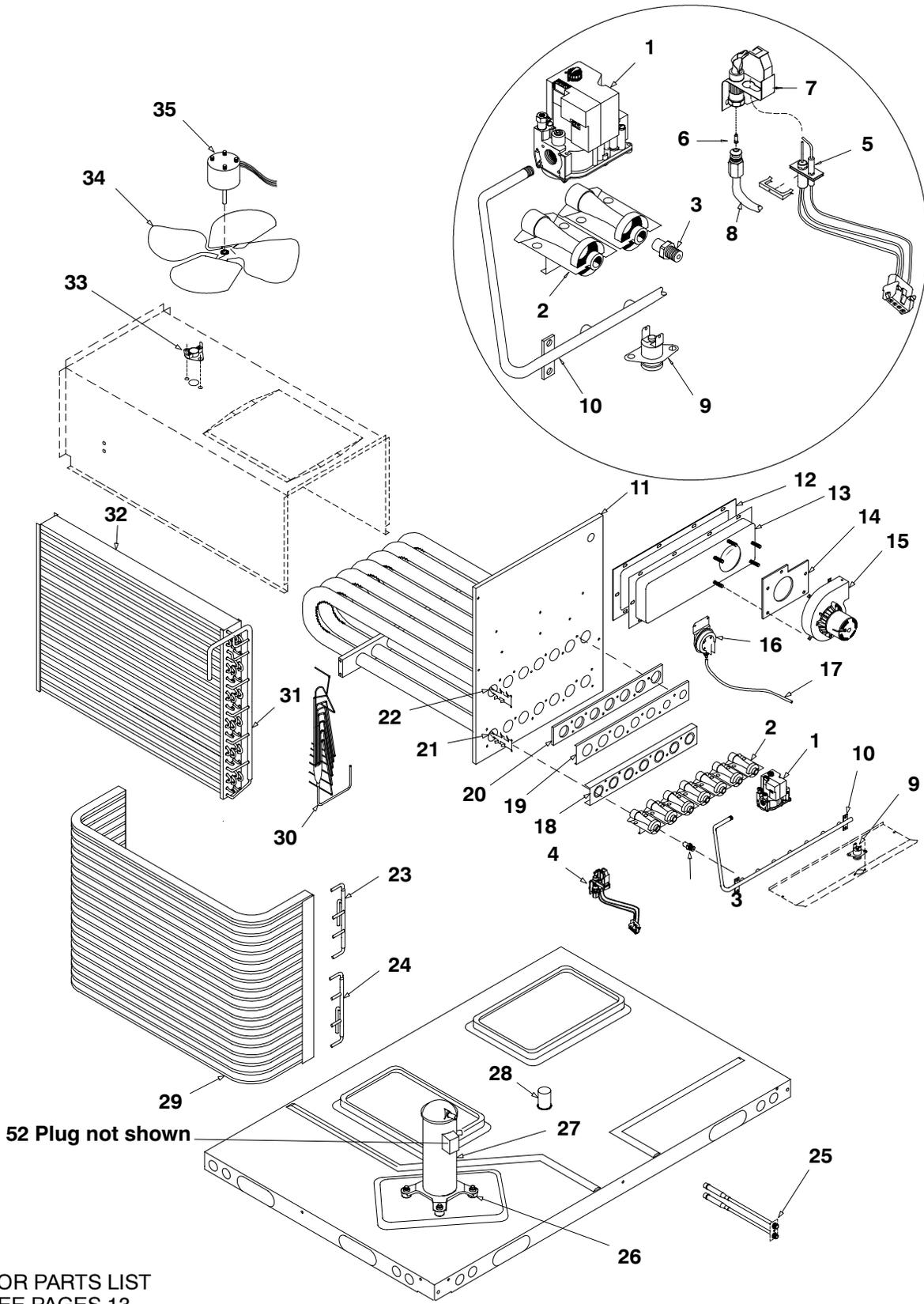
Functional Replacement Parts

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

| Model Number/Quantity Required | | | | | |
|--------------------------------|--|--|--|--|--|
| PGAA / PGMD | | | | | |

| Key No. | Description | Replacement Part Number | 36E1K6 | 42C1K6 | 42E1K6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------------|-------------|---------|---------|--|--|--|--|--|------------|-------------|------------|-------------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|
| | | | 36G1156 | 42G0606 | 42G1156 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | Blade, Fan | 1080790 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | Motor, Condenser Fan | 1082492 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | Tube, Capillary | 1065187 | 1 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1065331 | - | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | Manifold, Evaporator | 1065186 | 1 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1065364 | - | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | Coil, Evaporator | 1082426 | 1 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1082438 | - | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | Switch, Limit (Blower Deck) | 1065295 | 1 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1065207 | - | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|) | Muffler | 1066297 | 1 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | Plug, Compressor | 1083935 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|) | Assembly, Exhaust Blower (Includes No. 4, 5 and 6) | 1054268 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|) | Manual, User's Information | 1068276 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|) | Manual, Installation | 46201100100 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|) | PART NOT ILLUSTRATED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | FOR PARTS ILLUSTRATION SEE PAGE 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>◆ NOTE: HIGH ALTITUDE OPERATION</p> <p>THE CORRECT GAS ORIFICE SIZE FOR A SPECIFIC APPLICATION CAN BE SELECTED BY REFERRING TO THE RATING PLATE AND / OR TABLE F-4 OF ANSI Z223.1 NATIONAL FUEL GAS CODE.</p> <p>THE FOLLOWING IS A LIST OF GAS ORIFICES AND CORRESPONDING PART NUMBERS.</p> <table border="0"> <tr> <td>DRILL SIZE</td> <td>PART NUMBER</td> <td>DRILL SIZE</td> <td>PART NUMBER</td> </tr> <tr> <td>42</td> <td>1004143</td> <td>47</td> <td>1065125</td> </tr> <tr> <td>43</td> <td>1065252</td> <td>53</td> <td>1065275</td> </tr> <tr> <td>44</td> <td>1065253</td> <td>54</td> <td>1004142</td> </tr> <tr> <td>45</td> <td>1065121</td> <td>55</td> <td>1065255</td> </tr> <tr> <td>46</td> <td>1065254</td> <td>56</td> <td>1065167</td> </tr> </table> <p>No high altitude field conversion can be performed in Canada.</p> | | | | | | | | | | | DRILL SIZE | PART NUMBER | DRILL SIZE | PART NUMBER | 42 | 1004143 | 47 | 1065125 | 43 | 1065252 | 53 | 1065275 | 44 | 1065253 | 54 | 1004142 | 45 | 1065121 | 55 | 1065255 | 46 | 1065254 | 56 | 1065167 |
| DRILL SIZE | PART NUMBER | DRILL SIZE | PART NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 1004143 | 47 | 1065125 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | 1065252 | 53 | 1065275 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 1065253 | 54 | 1004142 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 1065121 | 55 | 1065255 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 1065254 | 56 | 1065167 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Functional Replacement Parts



52 Plug not shown

FOR PARTS LIST
SEE PAGES 13

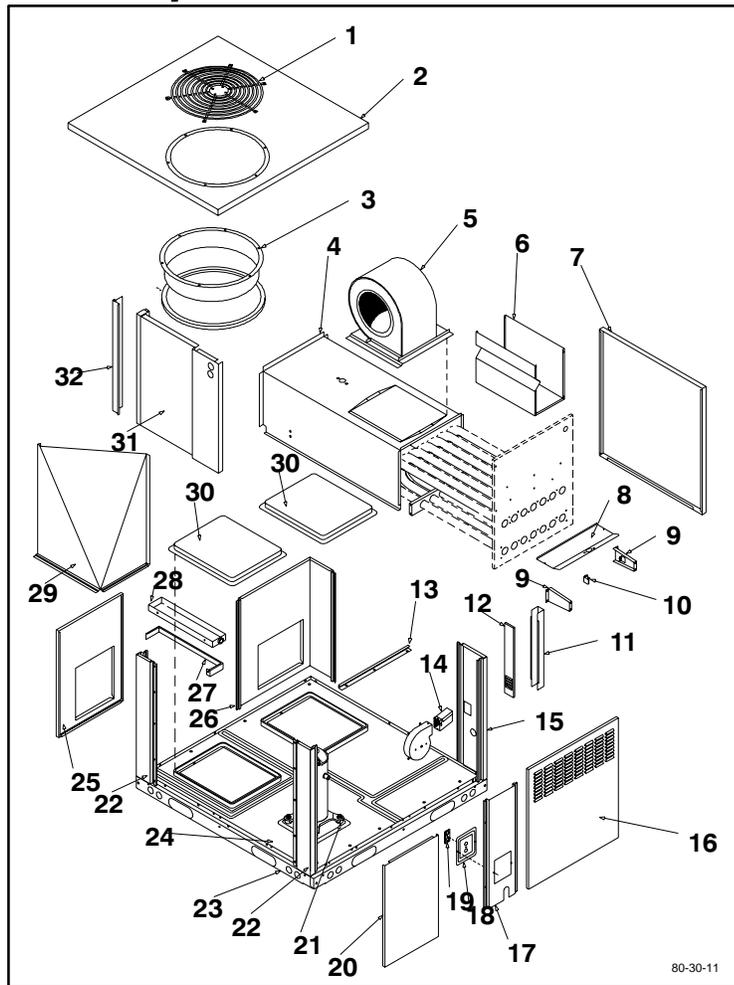
80-31-07

Functional Replacement Parts

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

| | | | Model Number/Quantity Required | | | | | |
|---------|---|-------------------------|--------------------------------|-------------------|-------------------|-------------------|-------------------|--|
| | | | PGAA / PGMD | | | | | |
| Key No. | Description | Replacement Part Number | 47D1K6 48G0906 | 47F1K6 48G1356 | 60D1K6 60G0906 | 60E1K6 60G1156 | 60G1K6 60G1506 | |
| 1 | Valve, Gas (Nat.) (L. P.) | 1009093 | 1 | 1 | 1 | 1 | 1 | |
| | | 1009094 | 1 | 1 | 1 | 1 | 1 | |
| 2 | Assembly, Burner | 1008725 | 1 | - | 1 | - | - | |
| | | 1009179 | - | 1 | - | - | - | |
| | | 1054408 | - | - | - | - | - | |
| | | 1008726 | - | - | - | 1 | - | |
| | | 1009180 | - | - | - | - | 1 | |
| 3 | Orifice, Burner (Nat. Gas) (No. 43) (L. P. Gas) (No. 54) | 1065252 | 4 | 6 | 4 | 5 | 7 | |
| | | 1004142 | 4 | 6 | 4 | 5 | 7 | |
| 4 | Burner, Pilot / Ignitor / Sensor (Includes No. 5, 6 & 7) (Nat.) (L. P.) | 1008731 | 1 | 1 | 1 | 1 | 1 | |
| | | 1008732 | 1 | 1 | 1 | 1 | 1 | |
| 5 | Ignitor and Sensor, HSP | 1009524 | 1 | 1 | 1 | 1 | 1 | |
| 6 | Orifice, Pilot Burner (Nat. Gas) (L. P. Gas) | 503211 | 1 | 1 | 1 | 1 | 1 | |
| | | 612923 | 1 | 1 | 1 | 1 | 1 | |
| 7 | Bracket, Ignitor | 1054275 | 1 | 1 | 1 | 1 | 1 | |
| 8 | Tube, Pilot | 64930 | 1 | 1 | 1 | 1 | 1 | |
| 9 | Switch, Limit (Rollout) | 1005549 | 1 | 1 | 1 | 1 | 1 | |
| 10 | Manifold | 1004140 | 1 | - | 1 | - | - | |
| | | 1054272 | - | 1 | - | - | - | |
| | | 1004141 | - | - | - | 1 | - | |
| | | 1054414 | - | - | - | - | 1 | |
| 11 | Exchanger, Heat (Includes Nos. 12, 18, 19, 20, 21 and 22) | 1061483 | 1 | - | 1 | - | - | |
| | | 1061484 | - | - | - | 1 | - | |
| | | 1061485 | - | 1 | - | - | - | |
| | | 1061486 | - | - | - | - | 1 | |
| 12 | Gasket, Collector Box | 1065210 | 1 | 1 | 1 | 1 | 1 | |
| 13 | Box, Collector | 1065257 | 1 | 1 | 1 | 1 | 1 | |
| 14 | Gasket, Blower | 607014 | 1 | 1 | 1 | 1 | 1 | |
| 15 | Assembly, Exhaust Blower | 1054268 | 1 | 1 | 1 | 1 | 1 | |
| 16 | Switch, Pressure | 1065208 | 1 | 1 | 1 | 1 | 1 | |
| 17 | Tube, Sensor | 1000782 | 1 | 1 | 1 | 1 | 1 | |
| 18 | Plate, Injector | 1004136 | 1 | - | 1 | - | - | |
| | | 1005089 | - | 1 | - | - | - | |
| | | 1004137 | - | - | - | 1 | - | |
| | | 1005090 | - | - | - | - | 1 | |
| 19 | Plate, Restrictor | 1054395 | 1 | - | 1 | - | - | |
| | | 1054393 | - | 1 | - | - | - | |
| | | 1054394 | - | - | - | 1 | - | |
| | | 1054392 | - | - | - | - | 1 | |
| 20 | Gasket, Restrictor Plate | 1065214 | 1 | - | 1 | - | - | |
| | | 1065212 | - | 1 | - | - | - | |
| | | 1065213 | - | - | - | 1 | - | |
| | | 1065211 | - | - | - | - | 1 | |
| 21 | Turbulator, Inlet | 1083436 | 4 | 6 | 4 | 5 | 7 | |
| 22 | Turbulator, Outlet | 1054516 | 4 | 6 | 4 | 5 | 7 | |
| 23 | Manifold, Condenser (Discharge) | 1054556 | 1 | 1 | 1 | 1 | 1 | |
| 24 | Manifold, Condenser (Liquid) | 1065475 | 1 | 1 | 1 | 1 | 1 | |
| 25 | Assembly, Valve Port | 1083939 | 1 | 1 | 1 | 1 | 1 | |
| 26 | Grommet, Compressor | 1052060 | 4 | 4 | 4 | 4 | 4 | |
| 27 | Compressor, ZR45K ZR61K | 1081228 | 1 | 1 | - | - | - | |
| | | 1069319 | - | - | 1 | 1 | 1 | |
| 28 | Capacitor, 7.5 / 40MFD., 370V. 10 / 60MFD., 440V. | 1094981 | 1 | 1 | - | - | - | |
| | | 1082067 | - | - | 1 | 1 | 1 | |
| 29 | Coil, Condenser | 1082448 | 1 | 1 | 1 | 1 | 1 | |
| 30 | Tube, Capillary | 1066343 | 1 | 1 | - | - | - | |
| | | 1065510 | - | - | 1 | 1 | 1 | |
| 31 | Manifold, Evaporator | 1066345 | 1 | 1 | - | - | - | |
| | | 1065608 | - | - | 1 | 1 | 1 | |
| 32 | Evaporator | 1082451 | 1 | 1 | - | - | - | |
| | | 1082453 | - | - | 1 | 1 | 1 | |
| 33 | Switch, Limit (Blower Deck) | 1065295 | 1 | 1 | 1 | 1 | - | |
| | | 1065702 | - | - | - | - | 1 | |
| 34 | Blade, Fan | 1065390 | 1 | 1 | - | - | - | |
| | | 1065391 | - | - | 1 | 1 | 1 | |
| 35 | Motor, Condenser Fan | 1066350 | 1 | 1 | - | - | - | |
| | | 1065751 | - | - | 1 | 1 | 1 | |
| 52 | Plug, Compressor | 1083935 | 1 | 1 | 1 | 1 | 1 | |
|) (| Manual, User's Information | 1068276 | 1 | 1 | 1 | 1 | 1 | |
|) (| Manual, Installation | 46201100100 | 1 | 1 | 1 | 1 | 1 | |

Non-Functional Replacement Parts



Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

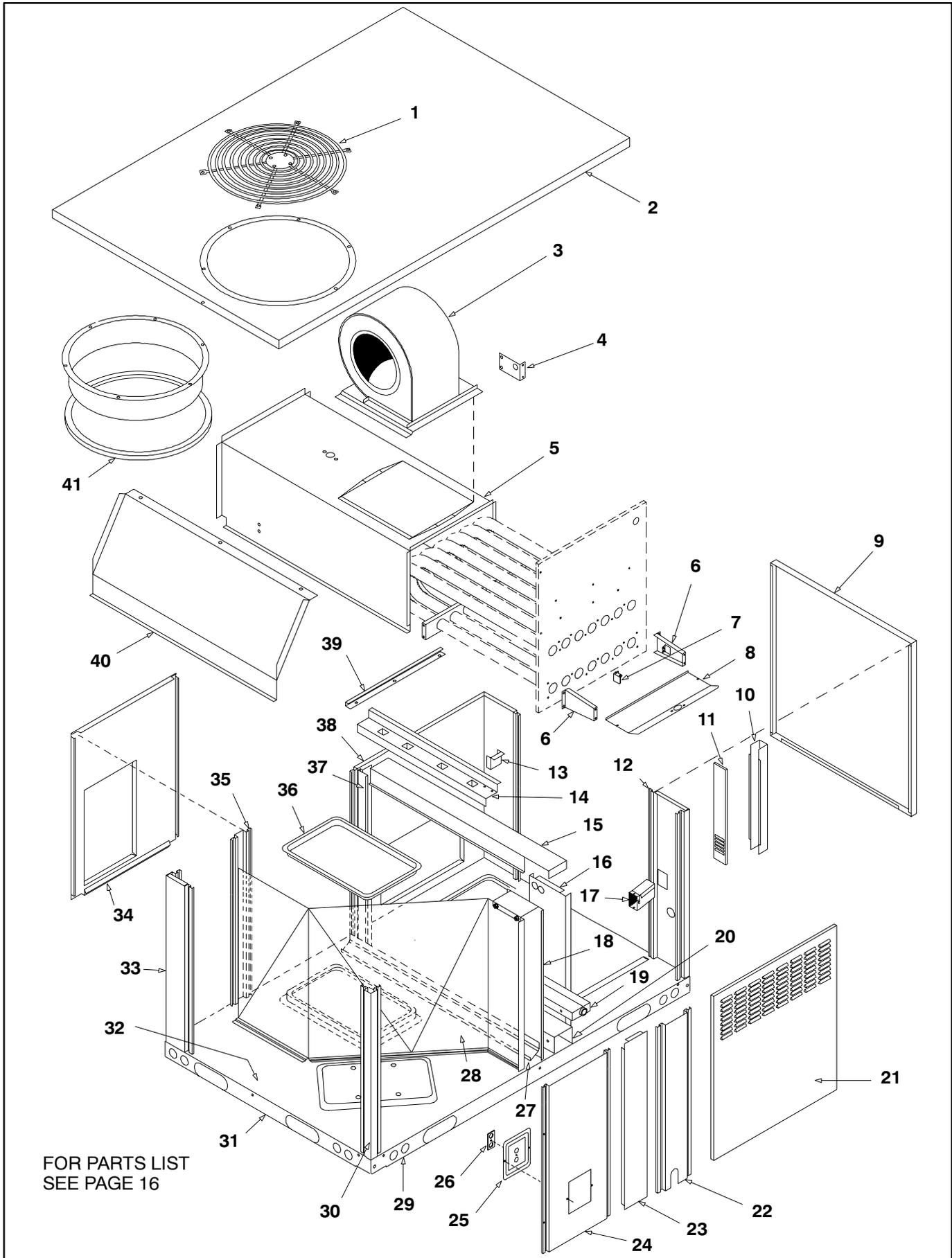
Model Number/Quantity Required

PGAA / PGMD

| Key No. | Description | Replacement Part Number | Model Number/Quantity Required | | | | | | | |
|---------|-----------------------------------|-------------------------|--|--|--|--|-------------------|-------------------|-------------------|-------------------|
| | | | 18B1K6 18G0406 24B1K6 24G0406 | 18C1K6 18G0606 24C1K6 24G0606 | 24D1K6 24G0906 30D1K6 30G0906 | 30C1K6 30G0606 36C1K6 36G0606 | 36D1K6 36G0906 | 36E1K6 36G1156 | 42C1K6 42G0606 | 42E1K6 42G1156 |
| 1 | Grille, Top Discharge | 1068202 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | Panel, Top | 1068191 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | Orifice, Condenser Fan | 1065724 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | Deck, Blower | 1065404 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | Housing, Blower | ***** | | | | | | | | |
| 6 | Baffle, Air (18B1K & 18G040 ONLY) | 1065258 | 1 | - | - | - | - | - | - | - |
| 7 | Panel, Access (Heat Exchanger) | 1068180 | | | | | | | | |
| 8 | Shield, Burner | 1054449 | | | | | | | | |
| | | 1054435 | | 1 | | 1 | | | 1 | |
| | | 1054422 | | | 1 | | | 1 | | |
| | | 1054267 | | | | | | 1 | | 1 |
| 9 | Support, Manifold | 1054264 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 10 | Bracket, Ignitor | 1054275 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 11 | Hood, Flue Exhaust | 1054269 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 | Support, Flue | 1054511 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 | Bracket, Evaporator | 1065035 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 14 | Extension, Blower | 1054461 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 15 | Post, Corner (Heating) | 1068187 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 16 | Panel, Access (Gas) | 1068183 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 17 | Panel, Pressure Port | 1068182 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 18 | Plate, Pressure Port | 1068189 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | Bracket, Port | 1053009 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 20 | Panel, Compressor Access | 1068174 | 1 | 1 | 1* | - | - | - | - | - |
| 21 | Bolt, Compressor Mounting | 1057967 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 22 | Post, Corner | 1068167 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 23 | Rail, Base | 1065001 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 24 | Panel, Base | 1065031 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | Panel, Return Air | 1068166 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 26 | Panel, Supply Air | 1068165 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 27 | Support, Drain Pan | 1065251 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 28 | Pan, Drain | 1065795 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 29 | Partition Return Air | 1065033 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 30 | Cover, Duct | 1068159 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 31 | Partition, Heat / Cool | 1065034 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 32 | Bracket, Supply Air | 1054524 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

* Key Number 20 is used on (18 & 24) Models only.

Non-Functional Replacement Parts



Non-Functional Replacement Parts

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

| | | | Model Number/Quantity Required | | | | | |
|---------|----------------------------------|-------------------------|--------------------------------|-------------------|-------------------|-------------------|-------------------|--|
| | | | PGAA / PGMD | | | | | |
| Key No. | Description | Replacement Part Number | 47D1K6 48G0906 | 47F1K6 48G1356 | 60D1K6 60G0906 | 60E1K6 60G1156 | 60G1K6 60G1506 | |
| 1 | Grille, Top Discharge | 1072842 | 1 | 1 | 1 | 1 | 1 | |
| 2 | Panel, Top | 1068157 | 1 | 1 | 1 | 1 | 1 | |
| 3 | Housing, Blower | * * * * | | | | | | |
| 4 | Bracket, Blower Support | 1065030 | - | 1 | 1 | 1 | 1 | |
| 5 | Deck, Blower | 1065379 | 1 | 1 | 1 | 1 | 1 | |
| 6 | Support, Manifold | 1054264 | 2 | 2 | 2 | 2 | 2 | |
| 7 | Bracket, Ignitor | 1054275 | 1 | 1 | 1 | 1 | 1 | |
| 8 | Shield, Burner | 1054422 | 1 | - | 1 | - | - | |
| | | 1054382 | - | 1 | - | - | - | |
| | | 1054267 | - | - | - | 1 | - | |
| | | 1054415 | - | - | - | - | 1 | |
| 9 | Panel, Access (Heat Exchanger) | 1068181 | 1 | 1 | 1 | 1 | 1 | |
| 10 | Hood, Flue Exhaust | 1054621 | 1 | 1 | 1 | 1 | 1 | |
| 11 | Support, Flue | 1054620 | 1 | 1 | 1 | 1 | 1 | |
| 12 | Post, Corner (Heating) | 1068188 | 1 | 1 | 1 | 1 | 1 | |
| 13 | Bracket, Filter Top | 1065618 | 1 | 1 | 1 | 1 | 1 | |
| 14 | Support, Filter Top | 1054502 | 1 | 1 | 1 | 1 | 1 | |
| 15 | Panel, Coil Support | 1054507 | 1 | 1 | 1 | 1 | 1 | |
| 16 | Panel, Heating Area | 1054508 | 1 | 1 | 1 | 1 | 1 | |
| 17 | Extension, Blower | 1054461 | 1 | 1 | 1 | 1 | 1 | |
| 18 | Baffle, Air | 1054518 | 1 | 1 | 1 | 1 | 1 | |
| 19 | Pan, Drain | 1065242 | 1 | 1 | 1 | 1 | 1 | |
| 20 | Support, Drain Pan | 1065259 | 1 | 1 | 1 | 1 | 1 | |
| 21 | Panel, Access (Gas) | 1068184 | 1 | 1 | 1 | 1 | 1 | |
| 22 | Panel, Drain Outlet | 1068162 | 1 | 1 | 1 | 1 | 1 | |
| 23 | Panel, Filter Access | 1068175 | 1 | 1 | 1 | 1 | 1 | |
| 24 | Panel, Pressure Port | 1068164 | 1 | 1 | 1 | 1 | 1 | |
| 25 | Plate, Pressure Port | 1068189 | 1 | 1 | 1 | 1 | 1 | |
| 26 | Bracket, Pressure Port | 1053009 | 1 | 1 | 1 | 1 | 1 | |
| 27 | Support, Filter Bottom | 1054501 | 1 | 1 | 1 | 1 | 1 | |
| 28 | Partition, Return Air | 1054471 | 1 | 1 | 1 | 1 | 1 | |
| 29 | Rail, Base | 1084078 | 2 | 2 | 2 | 2 | 2 | |
| 30 | Post, Corner | 1068172 | 1 | 1 | 1 | 1 | 1 | |
| 31 | Rail, Base | 1065001 | 2 | 2 | 2 | 2 | 2 | |
| 32 | Panel, Base | 1054463 | 1 | 1 | 1 | 1 | 1 | |
| 33 | Post, Return Air | 1068168 | 1 | 1 | 1 | 1 | 1 | |
| 34 | Panel, Return Air | 1068160 | 1 | 1 | 1 | 1 | 1 | |
| 35 | Post, Center | 1068163 | 1 | 1 | 1 | 1 | 1 | |
| 36 | Cover, Duct | 1068158 | 2 | 2 | 2 | 2 | 2 | |
| 37 | Bracket, Supply Air | 1054525 | 1 | 1 | 1 | 1 | 1 | |
| 38 | Panel, Supply Air | 1068161 | 1 | 1 | 1 | 1 | 1 | |
| 39 | Bracket, Evaporator | 1054519 | 1 | 1 | 1 | 1 | 1 | |
| 40 | Baffle, Air | 1054522 | 1 | 1 | 1 | 1 | 1 | |
| 41 | Orifice, Condenser Fan | 1065725 | 1 | 1 | 1 | 1 | 1 | |

FOR PARTS ILLUSTRATION
SEE PAGE 15