



# RGJF

Parts List  
01-October-2017



*This parts list is current as of the above revision date.  
See <http://www.rheempartslists.net/92-42801-RGJF.pdf> for the current revision.*

**90% Gas Furnaces - Modulating**

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### MODEL NUMBER EXPLANATION

|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>U</b> | <b>G</b> | <b>J</b> | <b>F</b> | <b>-</b> | <b>0</b> | <b>6</b> | <b>E</b> | <b>M</b> | <b>C</b> | <b>K</b> | <b>S</b> | <b>2</b> | <b>7</b> | <b>8</b> |
| (1)      | (2)      | (3)      | (4)      |          |          | (5)      |          | (6)      | (7)      | (8)      | (9)      |          | (10)     |          |

- |                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>(1) TRADE BRAND IDENTIFICATION</b></p> <p><b>(2) MODEL</b><br/>G = Gas Furnace</p> <p><b>(3) TYPE</b><br/>J = Horizontal</p> <p><b>(4) DESIGN SERIES</b><br/>F = Solenoid Modulating Valve, Communicating</p> <p><b>(5) HEATING INPUT DESIGNATION</b><br/>06 = 60,000 BTU/HR<br/>07 = 75,000 BTU/HR<br/>09 = 90,000 BTU/HR<br/>10 = 105,000 BTU/HR<br/>12 = 125,000 BTU/HR</p> <p>E = Electric<br/>N = Electric w/NOX</p> | <p><b>(6) BLOWER DESIGNATION</b><br/>M = 11 x 7<br/>R = 11 x 10<br/>Z = 12 x 11</p> <p><b>(7) VARIATIONS</b><br/>C = Single/Multi Zone</p> <p><b>(8) AIRFLOW</b><br/>K = 600-1200 CFM<br/>M = 1200-2000 CFM</p> <p><b>(9) FUEL DESIGNATION</b><br/>S = Natural Gas</p> <p><b>(10) OPTION CODES</b></p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### SERIAL NUMBER EXPLANATION (Units Produced before Nov. 2013)

|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>H</b> | <b>H</b> | <b>3</b> | <b>D</b> | <b>3</b> | <b>0</b> | <b>2</b> | <b>F</b> | <b>4</b> | <b>8</b> | <b>0</b> | <b>9</b> | <b>9</b> | <b>9</b> | <b>9</b> |
| (1)      |          | (2)      | (3)      | (4)      | (5)      | (6)      | (7)      | (8)      |          | (9)      |          |          | (10)     |          |

- |                                                                                                                                                                  |                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>(1) GAS CODE</b></p> <p><b>(2) LIMIT CONTROL</b></p> <p><b>(3) BLOWER</b></p> <p><b>(4) HEATING ELEMENT</b></p> <p><b>(5) SPECIAL AREA REQUIREMENT</b></p> | <p><b>(6) MOTOR HORSEPOWER</b></p> <p><b>(7) PLANT</b><br/>F = Fort Smith, AR</p> <p><b>(8) WEEK</b></p> <p><b>(9) YEAR</b></p> <p><b>(10) PRODUCTION NUMBER</b></p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### SERIAL NUMBER EXPLANATION (Units Produced after Nov. 2013)

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>F</b> | <b>0</b> | <b>8</b> | <b>1</b> | <b>3</b> | <b>9</b> | <b>9</b> | <b>9</b> | <b>9</b> |
| (1)      | (2)      |          | (3)      |          |          | (4)      |          |          |

- (1) PLANT CODE**
- (2) WEEK (DATE CODE)**
- (3) YEAR**
- (4) PRODUCTION NUMBER**

Note: For Gas Code, see Control System Gas Code on Rating Plate

| No.                                    | Notes | MODEL                                            | RGJF                 | RGJF         | RGJF         | RGJF         | RGJF         |
|----------------------------------------|-------|--------------------------------------------------|----------------------|--------------|--------------|--------------|--------------|
|                                        |       | HEATING CAPACITY                                 | 06E/06N              | 07E/07N      | 09E/09N      | 10E/10N      | 12E/12N      |
|                                        |       | BLOWER DESIGNATION                               | M                    | M            | Z            | Z            | R            |
|                                        |       | VARIATIONS                                       | C                    | C            | C            | C            | C            |
|                                        |       | AIRFLOW                                          | K                    | K            | M            | M            | M            |
| FUEL DESIGNATION                       | S     | S                                                | S                    | S            | S            |              |              |
| PANELS, SHEET METAL, AND MISCELLANEOUS |       |                                                  |                      |              |              |              |              |
| 1                                      |       | Gas Valve                                        | See Gas Controls     |              |              |              |              |
| 3                                      |       | Pressure Switch Assembly                         | See Electrical Group |              |              |              |              |
| 5                                      |       | Blower Assembly                                  | See Blower Group     |              |              |              |              |
| 7                                      |       | Blower Motor - Communicating ECM                 | See Electrical Group |              |              |              |              |
| 9                                      |       | Junction Box                                     | AE-67825-01          | AE-67825-01  | AE-67825-01  | AE-67825-01  | AE-67825-01  |
| 10                                     |       | Inlet Air Chase Assembly                         | AS-67848-01          | AS-67848-01  | AS-67848-01  | AS-67848-01  | AS-67848-01  |
| 11                                     |       | Limit - Heat Assisted (Blower Housing)           | See Electrical Group |              |              |              |              |
| 12                                     |       | Top Plate (Platinum)                             | AE-67805-02          | AE-67805-02  | AE-67805-03  | AE-67805-03  | AE-67805-04  |
| 12                                     |       | Top Plate (Granite/Steel Gray)                   | AE-67805-11          | AE-67805-11  | AE-67805-12  | AE-67805-12  | AE-67805-13  |
|                                        |       | Gasket - Top Plate                               | 68-102279-01         | 68-102279-01 | 68-102279-02 | 68-102279-02 | 68-102279-03 |
| A                                      |       | Gasket - Base Pan                                | AE-61871-01          | AE-61871-01  | AE-61871-02  | AE-61871-02  | AE-61871-03  |
|                                        |       | Thermistor - Duct Mounted                        | See Electrical Group |              |              |              |              |
| 13                                     |       | Thermistor - Return Air Sensor                   | See Electrical Group |              |              |              |              |
|                                        |       | Blower/Filter Door (Neutra Green)                | AS-61908-03          | AS-61908-03  | AS-61909-03  | AS-61909-03  | AS-61910-03  |
|                                        |       | Blower/Filter Door (Granite/Steel Gray)          | AS-61908-04          | AS-61908-04  | AS-61909-04  | AS-61909-04  | AS-61910-04  |
|                                        |       | Burner Compartment Door (Neutra Green)           | AS-61905-01          | AS-61905-01  | AS-61906-01  | AS-61906-01  | AS-61907-01  |
|                                        |       | Burner Compartment Door (Granite/Steel Gray)     | AS-61905-03          | AS-61905-03  | AS-61906-02  | AS-61906-02  | AS-61907-02  |
|                                        |       | Thumbscrew and Insert Kit                        | 64-24081-81          | 64-24081-81  | 64-24081-81  | 64-24081-81  | 64-24081-81  |
|                                        |       | Plug Button                                      | 45-22980-08          | 45-22980-08  | 45-22980-08  | 45-22980-08  | 45-22980-08  |
|                                        |       | Inlet Air Gasket                                 | 68-24022-01          | 68-24022-01  | 68-24022-01  | 68-24022-02  | 68-24022-01  |
| 15                                     |       | Pipe Assembly - Outlet Air                       | 68-24150-01          | 68-24150-01  | 68-24150-01  | 68-24150-01  | 68-24150-02  |
| 16                                     |       | Integrated Furnace Control Board (IFC)           | See Gas Controls     |              |              |              |              |
|                                        |       | Control Mounting Plate                           | AE-67877-01          | AE-67877-01  | AE-67877-01  | AE-67877-01  | AE-67877-01  |
|                                        |       | Outlet Air Gasket                                | 68-24022-02          | 68-24022-02  | 68-24022-02  | 68-24022-02  | 68-24022-02  |
| 20                                     |       | Connector/Transition Assembly                    | 68-24047-10          | 68-24047-10  | 68-24047-11  | 68-24047-11  | 68-24047-12  |
| 22                                     |       | Condensate Trap Assembly                         | See Parts Bag Group  |              |              |              |              |
|                                        |       | Elbow - Plastic                                  | See Parts Bag Group  |              |              |              |              |
|                                        |       | Junction Box Cover                               | AE-61476-02          | AE-61476-02  | AE-61476-02  | AE-61476-02  | AE-61476-02  |
|                                        |       | Filter - Permanent Plastic (2)                   | 54-22699-01          | 54-22699-01  | 54-22699-01  | 54-22699-01  | 54-22699-02  |
|                                        |       | Filter Rack                                      | AE-66681-01          | AE-66681-01  | AE-66681-01  | AE-66681-01  | AE-66681-01  |
|                                        |       | Touch-up Paint - Platinum (Aerosol)              | 523012               | 523012       | 523012       | 523012       | 523012       |
|                                        |       | Touch-up Paint - Platinum (Paint Pens)           | 523013               | 523013       | 523013       | 523013       | 523013       |
|                                        |       | Touch-up Paint - Green (Aerosol)                 | 52-18662-48          | 52-18662-48  | 52-18662-48  | 52-18662-48  | 52-18662-48  |
|                                        |       | Touch-up Paint - Green (Paint Pens)              | 523010               | 523010       | 523010       | 523010       | 523010       |
|                                        |       | Touch-up Paint - Granite/Steel Gray (Aerosol)    | PD523018             | PD523018     | PD523018     | PD523018     | PD523018     |
|                                        |       | Touch-up Paint - Granite/Steel Gray (Paint Pens) | PD523019             | PD523019     | PD523019     | PD523019     | PD523019     |
|                                        |       | Tether - Memory Card                             | See Electrical Group |              |              |              |              |

| No.       | Notes | MODEL                             | RGJF         |  |  |  |  |
|-----------|-------|-----------------------------------|--------------|--|--|--|--|
|           |       | HEATING CAPACITY                  | All          |  |  |  |  |
|           |       | BLOWER DESIGNATION                | All          |  |  |  |  |
|           |       | VARIATIONS                        | All          |  |  |  |  |
|           |       | AIRFLOW                           | All          |  |  |  |  |
|           |       | FUEL DESIGNATION                  | All          |  |  |  |  |
| PARTS BAG |       |                                   |              |  |  |  |  |
|           |       | Complete Parts Bag:               | AS-100717-04 |  |  |  |  |
|           |       | Hose Clamp (4) - 5/8 in.          | 64-22043-01  |  |  |  |  |
|           |       | 1/2 in. TEE                       | 68-21980-02  |  |  |  |  |
|           |       | 1/2 in. PVC Pipe (4 in.)          | 68-22024-04  |  |  |  |  |
|           |       | PVC Vane - 2-13/32 in. x 1 in.    | 68-23473-01  |  |  |  |  |
|           |       | PVC Wind Vane - 2-7/8 in. x 1 in. | 68-24049-01  |  |  |  |  |
| 22        |       | Condensate Trap Assembly          | 68-24120-02  |  |  |  |  |
|           |       | Elbow - Plastic                   | 68-24121-01  |  |  |  |  |
|           |       | Drain Elbow                       | 79-102882-01 |  |  |  |  |
|           |       | Gasket - Trap Assembly            | 68-24123-01  |  |  |  |  |
|           |       | Screw - #6-20 x 1/2 in.           | 63-22153-04  |  |  |  |  |
|           |       | PVC Vane 3-3/4 in. x 1-3/8 in.    | 68-103677-01 |  |  |  |  |

| No.              | Notes | MODEL                                                                                                        | RGJF         | RGJF         | RGJF         | RGJF         | RGJF         |
|------------------|-------|--------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|
|                  |       | HEATING CAPACITY                                                                                             | 06E/06N      | 07E/07N      | 09E/09N      | 10E/10N      | 12E/12N      |
|                  |       | BLOWER DESIGNATION                                                                                           | M            | M            | Z            | Z            | R            |
|                  |       | VARIATIONS                                                                                                   | C            | C            | C            | C            | C            |
|                  |       | AIRFLOW                                                                                                      | K            | K            | M            | M            | M            |
| FUEL DESIGNATION | S     | S                                                                                                            | S            | S            | S            |              |              |
| ELECTRIC GROUP   |       |                                                                                                              |              |              |              |              |              |
| 3                | Stk   | Pressure Switch Assembly - Dual                                                                              | 42-102320-01 | 42-102320-01 | 42-102320-03 | 42-102320-02 | 42-102320-04 |
| 3                | Stk   | Pressure Switch Assembly - Dual (278 Option)                                                                 | N/A          | 42-102320-12 | 42-102320-13 | 42-102320-14 | 42-102320-15 |
| 6                |       | Power Factor Choke                                                                                           | N/A          | N/A          | 46-24256-02  | 46-24256-02  | 46-24256-02  |
| 6                | 3     | Power Factor Choke - Before F1712 (See Note 3)                                                               | 46-24256-02  | 46-24256-02  | N/A          | N/A          | N/A          |
|                  | 3     | Jumper Wire Assembly - After F1712 (See Note 3)                                                              | 45-104318-01 | 45-104318-01 | N/A          | N/A          | N/A          |
| 8                |       | Door Switch - Push Button                                                                                    | 42-22692-07  | 42-22692-07  | 42-22692-07  | 42-22692-07  | 42-22692-07  |
| 11               | Stk   | Limit - Heat Assisted (Blower Housing)                                                                       | 47-22860-05  | 47-22860-01  | 47-22860-05  | 47-22860-05  | 47-22860-01  |
|                  | Stk   | Limit - Main Limit (Heat Exchanger Panel)                                                                    | 47-25350-02  | 47-25350-01  | 47-25350-10  | 47-25350-10  | 47-25350-11  |
| 17               | Stk   | Transformer                                                                                                  | 46-102856-01 | 46-102856-01 | 46-102856-01 | 46-102856-01 | 46-102856-01 |
| 19               | Stk   | Induced Draft Blower w/Gasket                                                                                | 70-24206-01  | 70-24206-01  | 70-24206-01  | 70-24206-01  | 70-24206-02  |
|                  | Stk   | Capacitor - Induced Draft Blower                                                                             | 43-25134-27  | 43-25134-27  | 43-25134-27  | 43-25134-27  | 43-25134-27  |
| 24               | Stk   | Limit - Manual Reset (Burner Compartment) (2)                                                                | 47-22861-02  | 47-22861-02  | 47-22861-02  | 47-22861-02  | 47-22861-02  |
|                  | Stk   | Thermistor - Duct Mounted                                                                                    | 47-24225-01  | 47-24225-01  | 47-24225-01  | 47-24225-01  | 47-24225-01  |
|                  |       | Push Mount Tie (for Memory Card Wire Tie)                                                                    | 64-102873-01 | 64-102873-01 | 64-102873-01 | 64-102873-01 | 64-102873-01 |
|                  |       | Memory Card - Before F2510                                                                                   | 47-102738-20 | 47-102738-21 | 47-102738-22 | 47-102738-23 | 47-102738-24 |
|                  |       | Memory Card - After F2510                                                                                    | 47-103687-20 | 47-103687-21 | 47-103687-22 | 47-103687-23 | 47-103687-24 |
|                  |       | Wiring Harness - 3 pin to one strip back, one eye and one JST                                                | 45-24371-53  | 45-24371-53  | 45-24371-53  | 45-24371-53  | 45-24371-53  |
|                  |       | Wiring Harness - 16 pin to 15 pin and 4 pin (IFC to Twist-Lock)                                              | 45-24371-55  | 45-24371-55  | 45-24371-55  | 45-24371-55  | 45-24371-55  |
|                  |       | Wiring Harness - 5 pin to 3 pin and 2 pin connectors (Power to IFC, Motor and Power Factor Correction Choke) | 45-103019-01 | 45-103019-01 | 45-103019-01 | 45-103019-01 | 45-103019-01 |
|                  |       | Wiring Harness - 4 pin to 4 pin for Motor Communications (IFC to Motor)                                      | 45-102785-01 | 45-102785-01 | 45-102785-01 | 45-102785-01 | 45-102785-01 |
|                  |       | Wiring Harness - 16 pin to 3 pin and 2 pin connectors (Twist-Lock Wiring to Burner Compartment)              | 45-102786-02 | 45-102786-02 | 45-102786-02 | 45-102786-02 | 45-102786-02 |
|                  | 2     | Wire Assembly - 1/4 in. Quick Connect to 1/4 in. Quick Connect - 14 in. red (MRLC to MRLC)                   | 45-103025-01 | 45-103025-01 | 45-103025-01 | 45-103025-01 | 45-103025-01 |

| No.              | Notes | MODEL                                                          | RGJF                 | RGJF         | RGJF         | RGJF         | RGJF         |
|------------------|-------|----------------------------------------------------------------|----------------------|--------------|--------------|--------------|--------------|
|                  |       | HEATING CAPACITY                                               | 06E/06N              | 07E/07N      | 09E/09N      | 10E/10N      | 12E/12N      |
|                  |       | BLOWER DESIGNATION                                             | M                    | M            | Z            | Z            | R            |
|                  |       | VARIATIONS                                                     | C                    | C            | C            | C            | C            |
|                  |       | AIRFLOW                                                        | K                    | K            | M            | M            | M            |
| FUEL DESIGNATION | S     | S                                                              | S                    | S            | S            |              |              |
| BLOWER GROUP     |       |                                                                |                      |              |              |              |              |
| 5                | Stk   | Blower Assembly (Includes items 7,13,28-30)                    | AS-67876-36          | AS-67876-36  | AS-67876-37  | AS-67876-37  | AS-67876-38  |
| 7                | Stk,4 | Blower Motor - Communicating ECM (See Note 4)                  | 51-102602-01         | 51-102602-01 | 51-102605-01 | 51-102605-01 | 51-102605-01 |
|                  | Stk,4 | ECM Motor Module - Genteq ECM 3.0 (See Note 4)                 | 51-103226-01         | 51-103226-01 | 51-103223-01 | 51-103223-01 | 51-103223-01 |
|                  | Stk,4 | ECM Motor Module - U.S. Motors PerfectSpeed (See Note 4)       | 51-104362-03         | 51-104362-03 | 51-104362-01 | 51-104362-01 | 51-104362-01 |
|                  |       | Motor Mount Kit (Grommets, Screws, Nuts, Belly Band, Brackets) | 70-24104-82          | 70-24104-82  | 70-24104-82  | 70-24104-82  | 70-24104-82  |
|                  |       | Motor Mount (Belly Band)                                       | 70-24104-02          | 70-24104-02  | 70-24104-02  | 70-24104-02  | 70-24104-02  |
| 11               |       | Limit - Heat Assisted (Blower Housing)                         | See Electrical Group |              |              |              |              |
| 28               |       | Housing                                                        | AS-61674-13          | AS-61674-13  | AS-61674-23  | AS-61674-23  | AS-61674-12  |
| 29               |       | Motor Mount Bracket (4)                                        | AE-61956-01          | AE-61956-01  | AE-61956-01  | AE-61956-01  | AE-61956-01  |
| 30               | Stk   | Blower Wheel                                                   | 70-24254-02          | 70-24254-02  | 70-24179-01  | 70-24179-01  | 70-23111-20  |

| No.                               | Notes | MODEL                        | RGJF                        | RGJF               | RGJF               | RGJF               | RGJF               |
|-----------------------------------|-------|------------------------------|-----------------------------|--------------------|--------------------|--------------------|--------------------|
|                                   |       | HEATING CAPACITY             | 06E/06N                     | 07E/07N            | 09E/09N            | 10E/10N            | 12E/12N            |
|                                   |       | BLOWER DESIGNATION           | M                           | M                  | Z                  | Z                  | R                  |
|                                   |       | VARIATIONS                   | C                           | C                  | C                  | C                  | C                  |
|                                   |       | AIRFLOW                      | K                           | K                  | M                  | M                  | M                  |
| FUEL DESIGNATION                  | S     | S                            | S                           | S                  | S                  |                    |                    |
| HEAT EXCHANGER, BURNER / MANIFOLD |       |                              |                             |                    |                    |                    |                    |
|                                   | Stk   | Heat Exchanger Assembly      | AS-67818-23                 | AS-67818-24        | AS-67818-25        | AS-67818-27        | AS-67818-28        |
|                                   |       | Heat Exchanger Bracket       | AE-61959-01                 | AE-61959-01        | AE-61959-01        | AE-61959-01        | AE-61959-01        |
|                                   |       | Heat Exchanger Bracket       | AE-67846-02                 | AE-67846-02        | AE-67846-02        | AE-67846-02        | AE-67846-02        |
|                                   |       | NOX Burner Inserts           | AE-67863-01<br>(3)          | AE-67863-01<br>(4) | AE-67863-01<br>(5) | AE-67863-01<br>(6) | AE-67863-01<br>(7) |
|                                   |       | NOX Retaining Bracket        | AE-67864-01                 | AE-67864-02        | AE-67864-03        | AE-67864-04        | AE-67864-05        |
| 32                                | Stk   | Burner Assembly              | AS-61984-04                 | AS-61984-05        | AS-61984-06        | AS-61984-07        | AS-61984-08        |
| 35                                |       | Burner Support               | AE-61809-17                 | AE-61809-18        | AE-61809-19        | AE-61809-20        | AE-61809-21        |
| 31                                |       | Burner Support Bracket (2)   | AE-61808-03                 | AE-61808-03        | AE-61808-03        | AE-61808-03        | AE-61808-03        |
| 36                                |       | Burner Support Angle         | AE-67880-01                 | AE-67880-02        | AE-67880-03        | AE-67880-04        | AE-67880-05        |
| 33                                | Stk   | Manifold (w/o Orifices)      | 81-101812-01                | 81-101812-02       | 81-101812-03       | 81-101812-04       | 81-101812-05       |
| 34                                |       | Burner Shield                | AE-61807-07                 | AE-61807-08        | AE-61807-09        | AE-61807-10        | AE-61807-11        |
|                                   |       | Burner Orifice - Natural Gas | See Orifice Selection Chart |                    |                    |                    |                    |
|                                   |       | Burner Orifice - LP          | See Orifice Selection Chart |                    |                    |                    |                    |
|                                   |       | Number of Orifices           | (4)                         | (5)                | (6)                | (7)                | (8)                |

| No.                 | Notes | MODEL<br>GAS CODE                      | RGJF<br>HH   |
|---------------------|-------|----------------------------------------|--------------|
| <b>GAS CONTROLS</b> |       |                                        |              |
| 1                   | Stk   | Gas Valve - Natural Gas                | 60-24215-03  |
| 1                   | Stk,1 | Gas Valve - LP                         | See Note 1   |
| 16                  | Stk   | Integrated Furnace Control Board (IFC) | 62-102783-01 |
| 26                  | Stk   | Flame Sensor                           | 62-23543-05  |
| 23                  | Stk   | Spark Ignitor                          | 62-24271-02  |
|                     |       | LP Conversion Kit - US/Canada          | FP-27MX      |

### 90% GAS FURNACE - ORIFICE SELECTION CHART - NATURAL GAS

**CAUTION:** Selection of the correct Natural Gas Orifice requires the following information for the specific installation:

1) Altitude in of the installation (ft.).

2) Average energy content of the Natural Gas fuel from the local supplier (BTU/cu. ft.).

For detailed information and instructions for Orifice selection, see the Gas Furnace LP Conversion Kit Index 92-21519-59 and the latest edition of the National Fuel Gas Code Handbook, or the National Standard of Canada, Natural Gas and Propane Installation Code, CAN B149.1.

**CAUTION:** This information is provided for replacement purposes only. Conversion for operation at High Altitude must be done using the kit specified on the product specification sheet for the unit.

NOTE: This Orifice sizing chart is based on 15,000 BTU/HR per burner.

NOTE: Factory installed orifices are calculated and sized based on a Natural Gas heating value of 1075 BTU/cu. ft. and an elevation of 0 - 2000 ft.

| Energy Value<br>(BTU/cu. ft.) | Elevation (ft.) |             |             |             |             |             |             |             |
|-------------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                               | 0 - 1999        | 2000 - 2999 | 3000 - 3999 | 4000 - 4999 | 5000 - 5999 | 6000 - 6999 | 7000 - 7999 | 8000 - 8999 |
| 850                           | 62-22175-47     | 62-22175-48 | 62-22175-48 | 62-22175-49 | 62-22175-49 | 62-22175-49 | 62-22175-50 | 62-22175-50 |
| 900                           | 62-22175-48     | 62-22175-49 | 62-22175-49 | 62-22175-49 | 62-22175-50 | 62-22175-50 | 62-22175-50 | 62-22175-51 |
| 975                           | 62-22175-49     | 62-22175-50 | 62-22175-50 | 62-22175-50 | 62-22175-51 | 62-22175-51 | 62-22175-51 | 62-22175-52 |
| 1075                          | 62-22175-50     | 62-22175-51 | 62-22175-51 | 62-22175-51 | 62-22175-51 | 62-22175-52 | 62-22175-52 | 62-22175-52 |
| 1170                          | 62-22175-51     | 62-22175-51 | 62-22175-52 | 62-22175-52 | 62-22175-52 | 62-22175-53 | 62-22175-53 | 62-22175-53 |

### 90% GAS FURNACE - ORIFICE SELECTION CHART - LP

**CAUTION:** Selection of the correct LP Orifice requires the altitude of the specific installation (ft.).

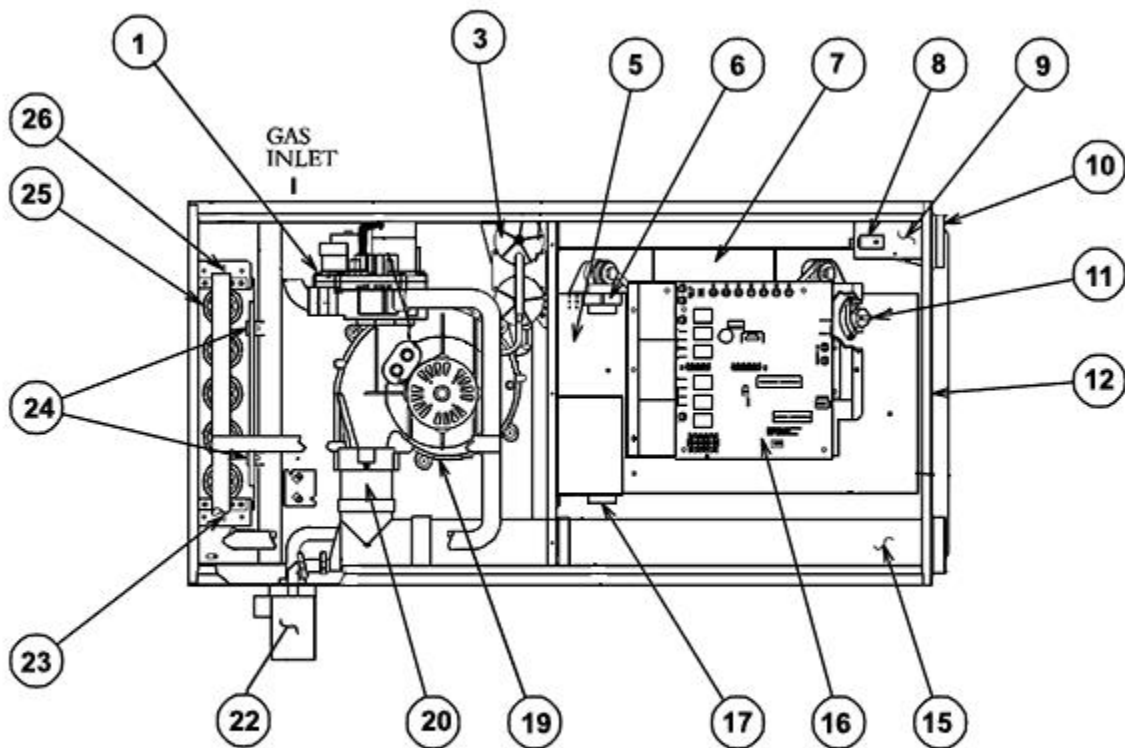
For detailed information and instructions for Orifice selection, see the Gas Furnace LP Conversion Kit Index 92-21519-59 and the latest edition of the National Fuel Gas Code Handbook (NFG), or the National Standard of Canada, Natural Gas and Propane Installation Code, CAN B149.1.

**CAUTION:** This information is provided for replacement purposes only. Conversion to LP or for operation at High Altitude should be done using the kit(s) specified on the product specification sheet for the unit.

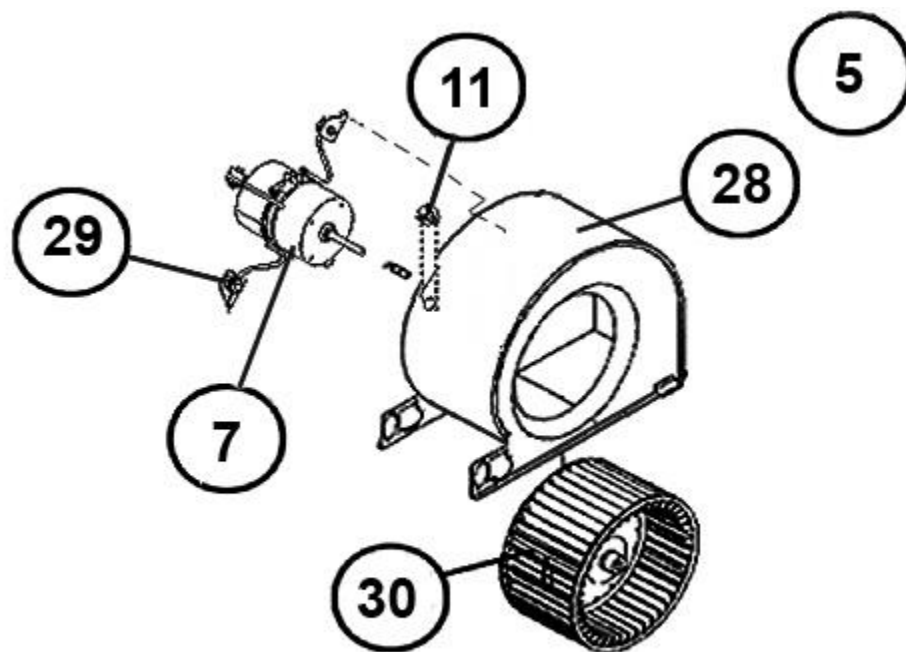
NOTE: This Orifice sizing chart is based on 15,000 BTU/HR per burner. Also, the chart is developed using the specified pressure setting of 10 in. water column instead of the 11.0 in water column used by the NFG and CANB149.1.

NOTE: Orifices supplied in the LP Conversion Kit are calculated and sized based on an altitude of 0 - 2000 ft.

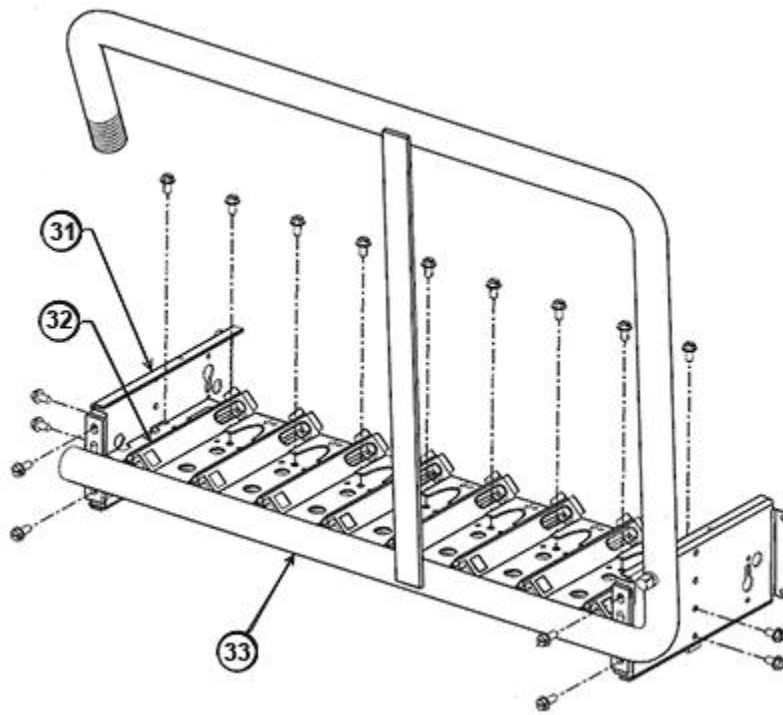
| Elevation (ft.) | Orifice     |  |  |  |  |  |  |  |
|-----------------|-------------|--|--|--|--|--|--|--|
| 0 to 2000 ft.   | 62-22175-91 |  |  |  |  |  |  |  |
| 2001 to 3000    | 62-22175-91 |  |  |  |  |  |  |  |
| 3001 to 4000    | 62-22175-90 |  |  |  |  |  |  |  |
| 4001 to 5000    | 62-22175-58 |  |  |  |  |  |  |  |
| 5001 to 6000    | 62-22175-59 |  |  |  |  |  |  |  |
| 6001 to 7000    | 62-22175-60 |  |  |  |  |  |  |  |
| 7001 to 8000    | 62-22175-62 |  |  |  |  |  |  |  |
| 8001 to 9000    | 62-22175-63 |  |  |  |  |  |  |  |
| 9001 to 1000    | 62-22175-64 |  |  |  |  |  |  |  |



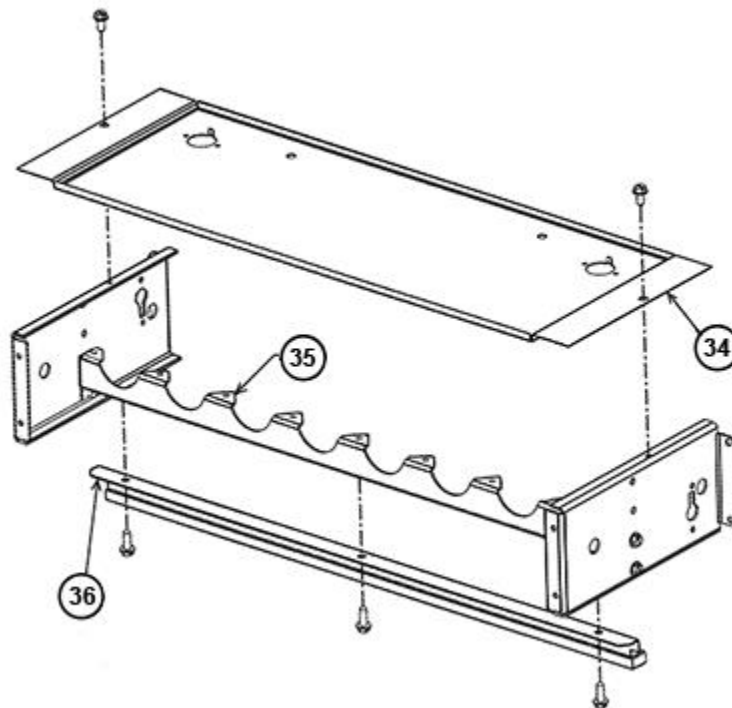
Exploded View



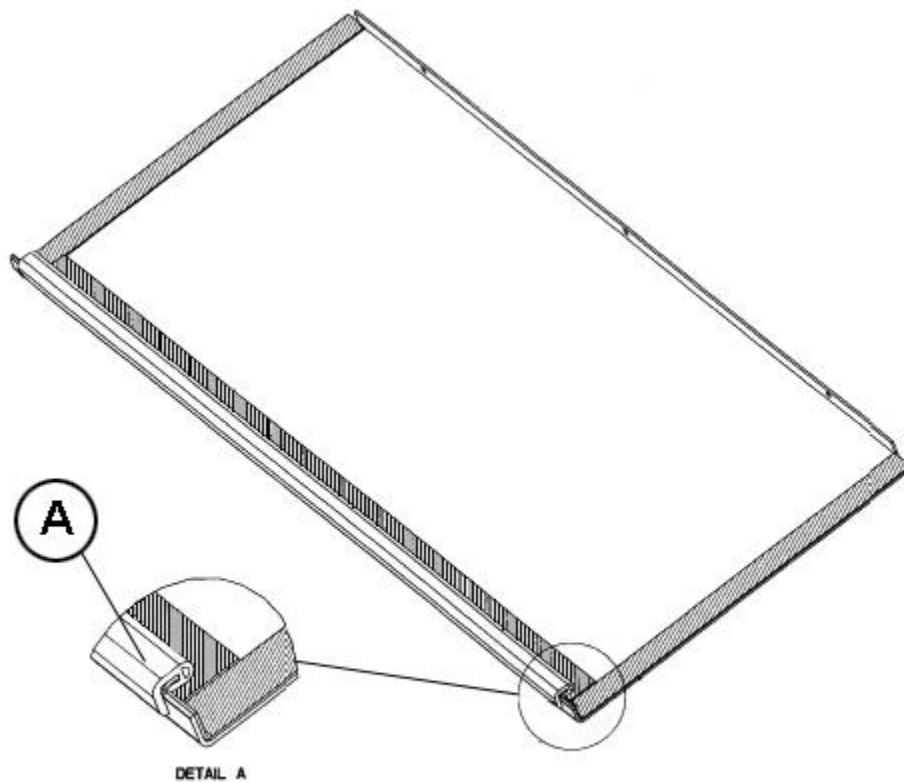
Blower Assembly



Burner Assembly



Burner Assembly Supports



Base Pan Gasket

# NOTES

Stk It is recommended that stock be maintained for this part.

N/A Not Applicable

1 Order the specified LP Conversion Kit.

2 MLRC - Manual Reset Limit Control

3 Replacement of Power Factor Choke is optional on units with 1/2 hp, X-13 and ECM, motors produced before F1712. After approximate date code F1712, production units will be supplied with a Jumper Wire Assembly (45-104318-01) in lieu of a Power Factor Choke. This Jumper Wire Assembly can be retrofitted to units built before Date Code F1712.

4 Both Genteq ECM 3.0 and U.S. Motors PerfectSpeed motors were installed in production. The motor shown will replace either manufacturer. However, if only the module is being replaced, the manufacturer of the original motor must be determined before selecting a replacement module.