

# 92G1E

## PRODUCT SPECIFICATIONS

## SINGLE STAGE HIGH EFFICIENCY CONSTANT TORQUE GAS FURNACE

FORM NO. 92G1E-100 (02/2019)



### CONTROLS

- Single Stage Gas Valve
- Self diagnostics save last 10 fault codes regardless of power interruption
- Durable silicon nitride igniter
- Electronic air cleaner and humidifier terminals

### VENTING

- Certified for direct vent and indirect vent (1 and 2 pipe applications)

### INSTALLATION FEATURES

- Left or right utility connection
- Removable floor base (upflow / horizontal units) for bottom return air
- Zero step horizontal conversion

### WARRANTY

10 year limited parts warranty / lifetime heat exchanger warranty available. See limited warranty document for details.

#### *California Only*

*If installed in South Coast Air Quality Management District (SCAQMD) only: This furnace does not meet the SCAQMD Rule 1111 NOx emission limit (14 ng/J), and thus is subject to a mitigation fee of up to \$450. This furnace is not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).*

*If installed in San Joaquin Valley Air Pollution Control District (SJVAPCD) only: This furnace does not meet the SJVAPCD Rule 4905 NOx emission limit (14 ng/J), and thus is subject to a mitigation fee of up to \$450.*

### CONFIGURATIONS

- Upflow/Horizontal
- Downflow

### HEAT EXCHANGER DESIGN

- Aluminized steel primary heat exchanger with crimped no weld clamshell design
- AL 29-4C Stainless steel secondary heat exchanger

### BURNER

- 11k BTUH burners and sealed burner box provide soft ignition and quiet operation

### CABINET DESIGN

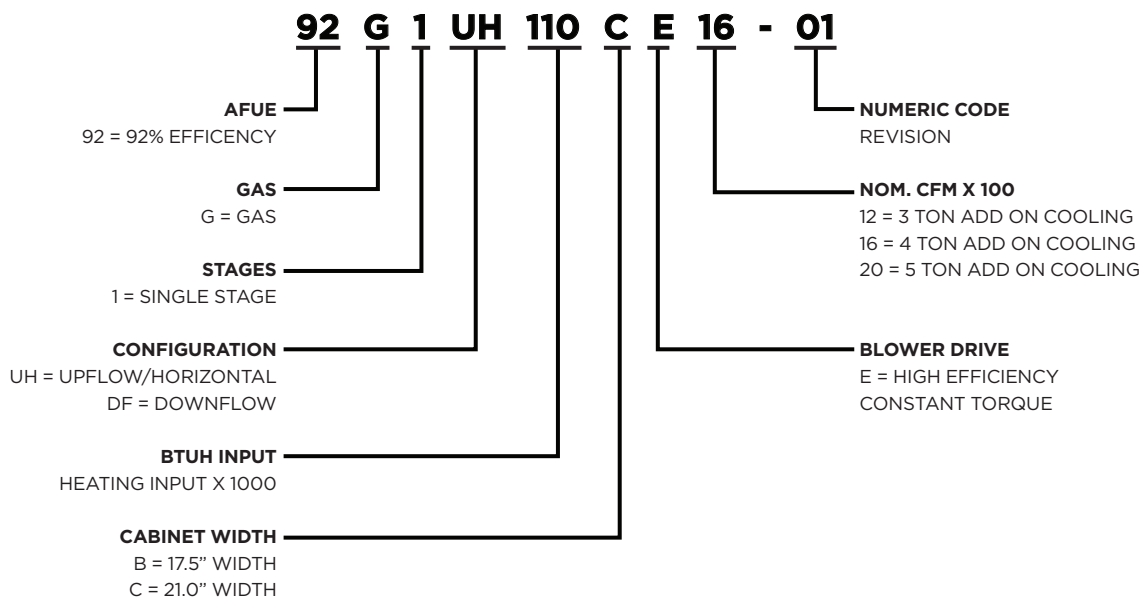
- Compact 33" height
- Standardized widths for easy coil fit

### AIR DELIVERY SYSTEM

- Multi-speed high efficiency (constant torque) blower motor
- Easily removable slide-out blower design



## MODEL NUMBER GUIDE



## PHYSICAL AND ELECTRICAL DATA

|          | Model         | Input (Btuh) | Output (Btuh) | AFUE (ICS) | Nominal Cooling Capacity | Gas Inlet (in.) | Volts/Hz/Phase | Max Time Delay Breaker or Fuse | Nominal F.L.A. | Trans. (V.A.) | Approx. Shipping Weight (lbs.) |
|----------|---------------|--------------|---------------|------------|--------------------------|-----------------|----------------|--------------------------------|----------------|---------------|--------------------------------|
| Upflow   | 92G1UH030BE12 | 30000        | 29000         | 92.1%      | 1.5 - 3                  | 1/2             | 120 - 60 - 1   | 15                             | 6.8            | 40            | 121.5                          |
|          | 92G1UH045BE12 | 44000        | 42000         | 92.1%      | 1.5 - 3                  | 1/2             | 120 - 60 - 1   | 15                             | 6.8            | 40            | 121.5                          |
|          | 92G1UH070BE12 | 66000        | 63000         | 92.1%      | 1.5 - 3                  | 1/2             | 120 - 60 - 1   | 15                             | 6.8            | 40            | 128.5                          |
|          | 92G1UH090CE12 | 88000        | 84000         | 92.1%      | 1.5 - 3                  | 1/2             | 120 - 60 - 1   | 15                             | 6.8            | 40            | 145.0                          |
|          | 92G1UH090CE16 | 88000        | 84000         | 92.1%      | 2.5 - 4                  | 1/2             | 120 - 60 - 1   | 15                             | 8.4            | 40            | 145.0                          |
|          | 92G1UH110CE16 | 110000       | 104000        | 92.1%      | 2.5 - 4                  | 1/2             | 120 - 60 - 1   | 15                             | 8.4            | 40            | 157.0                          |
|          | 92G1UH110CE20 | 110000       | 105000        | 92.1%      | 3 - 5                    | 1/2             | 120 - 60 - 1   | 15                             | 10.9           | 40            | 159.0                          |
| Downflow | 92G1DF045BE12 | 44000        | 42000         | 92.1%      | 1.5 - 3                  | 1/2             | 120 - 60 - 1   | 15                             | 6.8            | 40            | 123.5                          |
|          | 92G1DF070BE12 | 66000        | 63000         | 92.1%      | 1.5 - 3                  | 1/2             | 120 - 60 - 1   | 15                             | 6.8            | 40            | 129.5                          |
|          | 92G1DF090CE16 | 88000        | 84000         | 92.1%      | 2.5 - 4                  | 1/2             | 120 - 60 - 1   | 15                             | 8.4            | 40            | 152.0                          |

Note: For vent length and clearances to combustibles, please reference installation instructions.

**BLOWER PERFORMANCE DATA**

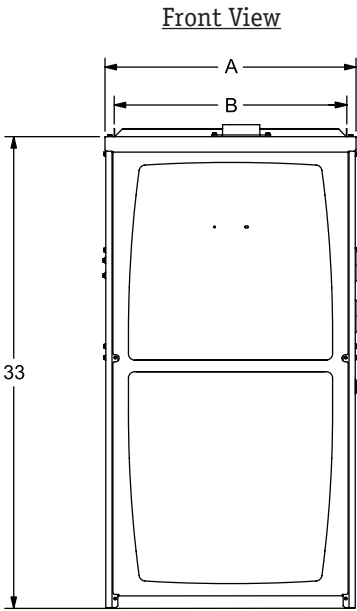
|                   | Model         | Motor size (hp) | Blower size | Temp. rise (°F) | Blower speed | Heating cfm @ .10" - .80" w.c. |      |      |      |      |      |      |      |
|-------------------|---------------|-----------------|-------------|-----------------|--------------|--------------------------------|------|------|------|------|------|------|------|
|                   |               |                 |             |                 |              | 0.10                           | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| Upflow/Horizontal | 92GIUHO30BE12 | 1/2             | 10 x 8      | 25 - 55         | High         | 1400                           | 1360 | 1325 | 1300 | 1265 | 1235 | 1200 | 1160 |
|                   |               |                 |             |                 | Med/High     | 1130                           | 1085 | 1055 | 1020 | 990  | 945  | 910  | 885  |
|                   |               |                 |             |                 | Med          | 955                            | 905  | 865  | 815  | 785  | 735  | 710  | 660  |
|                   |               |                 |             |                 | Med/Low      | 735                            | 680  | 625  | 570  | 515  | 475  | 425  | 355  |
|                   |               |                 |             |                 | Low          | 635                            | 515  | 445  | 380  | 310  | 265  | 215  | 175  |
|                   | 92GIUHO45BE12 | 1/2             | 10 x 8      | 25 - 55         | High         | 1390                           | 1355 | 1330 | 1295 | 1265 | 1240 | 1210 | 1160 |
|                   |               |                 |             |                 | Med/High     | 1270                           | 1230 | 1205 | 1180 | 1140 | 1100 | 1065 | 1030 |
|                   |               |                 |             |                 | Med          | 1135                           | 1100 | 1060 | 1025 | 995  | 955  | 920  | 880  |
|                   |               |                 |             |                 | Med/Low      | 885                            | 850  | 795  | 755  | 720  | 670  | 615  | 580  |
|                   |               |                 |             |                 | Low          | 735                            | 680  | 625  | 570  | 515  | 475  | 425  | 355  |
|                   | 92GIUHO70BE12 | 1/2             | 10 x 8      | 40 - 70         | High         | 1395                           | 1365 | 1340 | 1305 | 1270 | 1250 | 1210 | 1185 |
|                   |               |                 |             |                 | Med/High     | 1270                           | 1245 | 1215 | 1180 | 1145 | 1110 | 1080 | 1045 |
|                   |               |                 |             |                 | Med          | 1145                           | 1100 | 1080 | 1040 | 1005 | 970  | 930  | 885  |
|                   |               |                 |             |                 | Med/Low      | 910                            | 865  | 815  | 760  | 720  | 685  | 635  | 600  |
|                   |               |                 |             |                 | Low          | 705                            | 655  | 600  | 550  | 505  | 455  | 405  | 355  |
|                   | 92GIUHO90CE12 | 1/2             | 10 x 8      | 50 - 80         | High         | 1375                           | 1340 | 1310 | 1275 | 1240 | 1210 | 1170 | 1135 |
|                   |               |                 |             |                 | Med/High     | 1315                           | 1285 | 1260 | 1225 | 1190 | 1160 | 1130 | 1105 |
|                   |               |                 |             |                 | Med          | 1125                           | 1090 | 1055 | 1015 | 965  | 920  | 885  | 855  |
|                   |               |                 |             |                 | Med/Low      | 885                            | 840  | 780  | 730  | 675  | 620  | 580  | 535  |
|                   |               |                 |             |                 | Low          | 730                            | 685  | 645  | 590  | 535  | 495  | 455  | 405  |
|                   | 92GIUHO90CE16 | 3/4             | 10 x 10     | 45 - 75         | High         | 1675                           | 1655 | 1615 | 1595 | 1560 | 1525 | 1490 | 1445 |
|                   |               |                 |             |                 | Med/High     | 1475                           | 1460 | 1410 | 1365 | 1335 | 1295 | 1260 | 1230 |
|                   |               |                 |             |                 | Med          | 1365                           | 1315 | 1290 | 1245 | 1200 | 1160 | 1105 | 1085 |
|                   |               |                 |             |                 | Med/Low      | 1275                           | 1230 | 1195 | 1155 | 1105 | 1060 | 1015 | 980  |
|                   |               |                 |             |                 | Low          | 1160                           | 1110 | 1065 | 1010 | 965  | 915  | 875  | 830  |
|                   | 92GIUH110CE16 | 3/4             | 10 x 10     | 50 - 80         | High         | 1715                           | 1680 | 1640 | 1615 | 1580 | 1540 | 1515 | 1470 |
|                   |               |                 |             |                 | Med/High     | 1495                           | 1470 | 1425 | 1395 | 1345 | 1315 | 1285 | 1230 |
|                   |               |                 |             |                 | Med          | 1380                           | 1355 | 1300 | 1260 | 1225 | 1180 | 1135 | 1095 |
|                   |               |                 |             |                 | Med/Low      | 1295                           | 1255 | 1220 | 1170 | 1130 | 1080 | 1035 | 995  |
|                   |               |                 |             |                 | Low          | 1175                           | 1135 | 1085 | 1025 | 975  | 935  | 895  | 850  |
|                   | 92GIUH110CE20 | 1               | 11 1/2 x 10 | 45 - 75         | High         | 2120                           | 2085 | 2040 | 2005 | 1965 | 1935 | 1885 | 1855 |
|                   |               |                 |             |                 | Med/High     | 1880                           | 1830 | 1795 | 1760 | 1710 | 1680 | 1635 | 1600 |
|                   |               |                 |             |                 | Med          | 1715                           | 1665 | 1630 | 1585 | 1540 | 1510 | 1485 | 1440 |
|                   |               |                 |             |                 | Med/Low      | 1605                           | 1560 | 1515 | 1470 | 1425 | 1390 | 1345 | 1305 |
|                   |               |                 |             |                 | Low          | 1435                           | 1360 | 1325 | 1270 | 1230 | 1180 | 1140 | 1085 |

BLOWER PERFORMANCE DATA

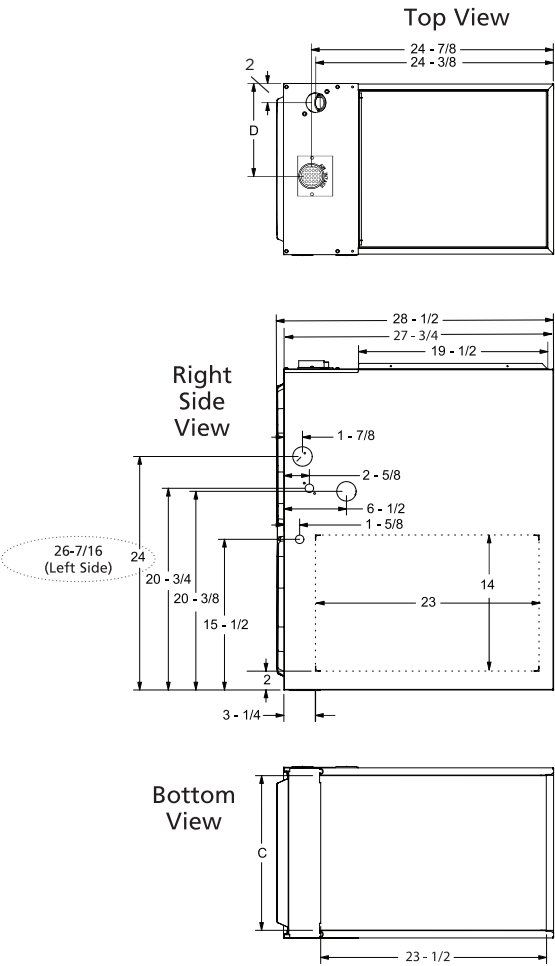
| Downflow | Model         | Motor<br>size (hp) | Blower<br>size | Temp.<br>rise (°F) | Blower<br>speed | Heating cfm @ .10" - .80" w.c. |      |      |      |      |      |      |      |
|----------|---------------|--------------------|----------------|--------------------|-----------------|--------------------------------|------|------|------|------|------|------|------|
|          |               |                    |                |                    |                 | 0.10                           | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
|          | 92G1DF045BE12 | 1/2                | 10 x 8         | 25 - 55            | High            | 1395                           | 1365 | 1330 | 1305 | 1275 | 1245 | NA   | NA   |
|          |               |                    |                |                    | Med/High        | 1270                           | 1245 | 1215 | 1180 | 1140 | 1110 | 1080 | 1030 |
|          |               |                    |                |                    | Med             | 1145                           | 1105 | 1070 | 1025 | 980  | 950  | 910  | 870  |
|          |               |                    |                |                    | Med/Low         | 845                            | 795  | 740  | 700  | 660  | 615  | 585  | 545  |
|          |               |                    |                |                    | Low             | 695                            | 640  | 575  | 530  | 485  | 445  | 390  | 335  |
|          | 92G1DF070BE12 | 1/2                | 10 x 8         | 40 - 70            | High            | 1380                           | 1345 | 1325 | 1295 | 1260 | 1235 | 1185 | NA   |
|          |               |                    |                |                    | Med/High        | 1265                           | 1240 | 1215 | 1175 | 1135 | 1105 | 1080 | 1040 |
|          |               |                    |                |                    | Med             | 1140                           | 1090 | 1060 | 1025 | 985  | 955  | 910  | 865  |
|          |               |                    |                |                    | Med/Low         | 860                            | 810  | 770  | 710  | 670  | 620  | 585  | 540  |
|          |               |                    |                |                    | Low             | 700                            | 645  | 590  | 530  | 490  | 440  | 395  | 340  |
|          | 92G1DF090CE16 | 3/4                | 10 x 10        | 45 - 75            | High            | 1695                           | 1680 | 1640 | 1605 | 1575 | 1550 | 1490 | NA   |
|          |               |                    |                |                    | Med/High        | 1495                           | 1445 | 1410 | 1385 | 1355 | 1310 | 1265 | 1240 |
|          |               |                    |                |                    | Med             | 1365                           | 1315 | 1285 | 1245 | 1215 | 1165 | 1125 | 1075 |
|          |               |                    |                |                    | Med/Low         | 1265                           | 1240 | 1200 | 1160 | 1115 | 1085 | 1030 | 995  |
|          |               |                    |                |                    | Low             | 1160                           | 1110 | 1070 | 1020 | 975  | 925  | 885  | 825  |

DIMENSIONS (IN.)

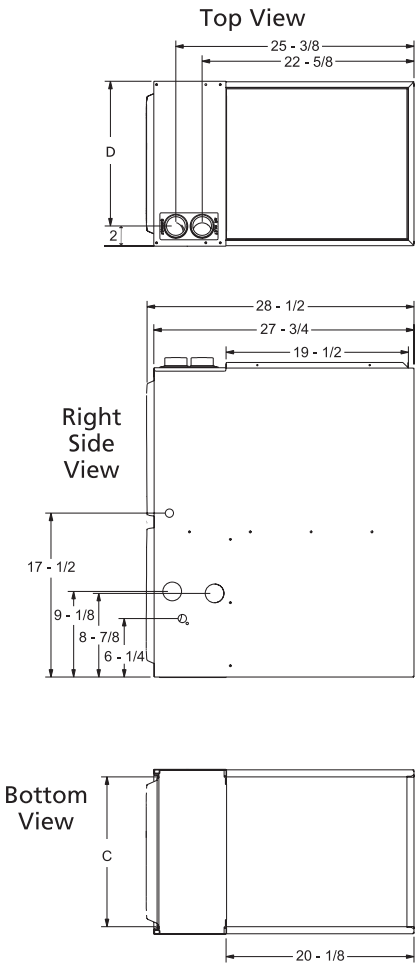
|                     | Model         | A      | B      | C      | D       |
|---------------------|---------------|--------|--------|--------|---------|
| UPFLOW / HORIZONTAL | 92G1UH030BE12 | 17-1/2 | 16-3/8 | 16     | 9-5/16  |
|                     | 92G1UH045BE12 | 17-1/2 | 16-3/8 | 16     | 9-5/16  |
|                     | 92G1UH070BE12 | 17-1/2 | 16-3/8 | 16     | 9-5/16  |
|                     | 92G1UH090CE12 | 21     | 19-7/8 | 19-1/2 | 11-5/16 |
|                     | 92G1UH090CE16 | 21     | 19-7/8 | 19-1/2 | 11-5/16 |
|                     | 92G1UH110CE16 | 21     | 19-7/8 | 19-1/2 | 11-5/16 |
|                     | 92G1UH110CE20 | 21     | 19-7/8 | 19-1/2 | 11-5/16 |
| DOWNFLOW            | 92G1DF045BE12 | 17-1/2 | 16-3/8 | 16     | 15-1/2  |
|                     | 92G1DF070BE12 | 17-1/2 | 16-3/8 | 16     | 15-1/2  |
|                     | 92G1DF090CE16 | 21     | 19-7/8 | 19-1/2 | 19      |



Upflow / Horizontal



Downflow



**ACCESSORY LIST**

| CATALOG NUMBER                                      | DESCRIPTION                                    |
|-----------------------------------------------------|------------------------------------------------|
| External Filter Rack kits                           |                                                |
| 1.841018                                            | 1 pack (16 x 25)                               |
| 1.841039                                            | 10 pack (16 x 25)                              |
| Natural to LP kits                                  |                                                |
| 11K50                                               | 1-Stage - 90%                                  |
| 11K45                                               | High Altitude >7500'                           |
| 17H62                                               | 1-Stage - 90% - For 030 Capacity Only          |
| 17H90                                               | High altitude (>7500') - For 030 Capacity Only |
| Return Air Base                                     |                                                |
| 68W62                                               | 17.5" B Width                                  |
| 68W63                                               | 21.0" C Width                                  |
| Downflow Combustible Flooring Base                  |                                                |
| 11M60                                               | 17.5" B Width                                  |
| 11M61                                               | 21.0" C Width                                  |
| Night Service Kits                                  |                                                |
| 18F15                                               | Single Stage                                   |
| Horizontal Suspension Kit                           |                                                |
| 51W10                                               | 80% & 90% Kit                                  |
| Flush Mount Termination (90% Furnaces only) US Only |                                                |
| 51W11                                               | 2" & 3" Vent Version                           |
| Concentric Vent Kit (90% Furnaces only) US Only     |                                                |
| 71M80                                               | 1-1/2" Vent Version                            |
| 69M29                                               | 2" Vent Version                                |
| 60L46                                               | 3" Vent Version                                |
| 2-Stage Compressor Kit                              |                                                |
| 85W66                                               | Blower Relay Kit                               |
| Twinning Kit                                        |                                                |
| 16W72                                               | Constant Torque Gas Furnace Twinning Kit       |

*Note: For vent length and clearances to combustibles, please reference installation instructions.*



1-800-448-5872

All specifications and illustrations subject to change without notice and without incurring obligations.