

CONFIGURATIONS

- Upflow/Horizontal
- Downflow

HEAT EXCHANGER DESIGN

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

BURNER

- Aluminized steel inshot burners for smooth ignition

CABINET DESIGN

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

AIR DELIVERY SYSTEM

- Multi-speed PSC blower motor
- Easily removable slide-out blower design

CONTROLS

- Single Stage Gas Valve
- Self diagnostics saves last 5 fault codes regardless of power interruption
- Control features electronic air cleaner and humidifier terminals

VENTING

- Designed certified for direct and non direct applications

INSTALLATION FEATURES

- Left or right utility connection
- Designed certified for direct and non-direct vent applications
- Zero step horizontal conversion
- Removable floor base for bottom return air

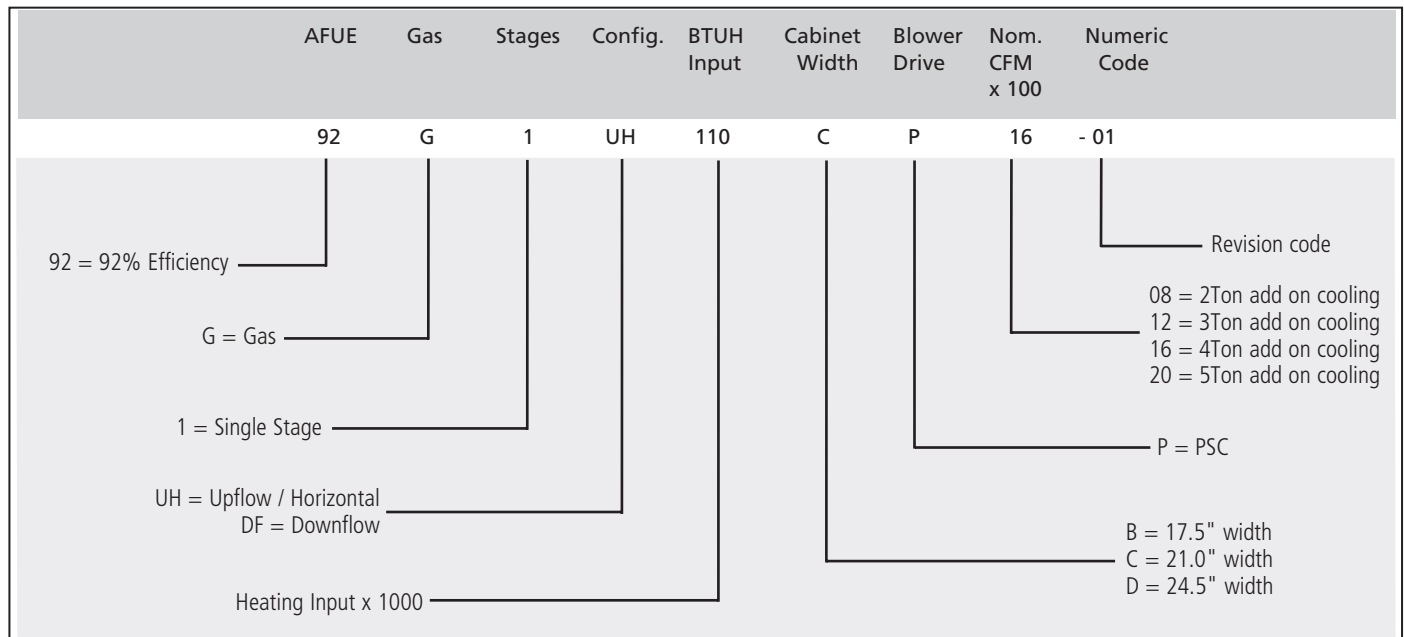
WARRANTY

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

Features and Benefits



Model Number Guide



Physical and Electrical Data

| | Model | Input (Btuh) | Output (Btuh) | AFUE (ICS) | Nom. 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 / Horizontal | 92G1UH045BP08 | 44,000 | 41,000 | 92.1% | 1.5 - 2 | 1/2 | 120 - 60 - 1 | 15 | 3.1 | 40 | 120 |
| | 92G1UH045BP12 | 44,000 | 42,000 | 92.1% | 2.5 - 3 | 1/2 | 120 - 60 - 1 | 15 | 6.1 | 40 | 122 |
| | 92G1UH070BP08 | 66,000 | 62,000 | 92.1% | 1.5 - 2 | 1/2 | 120 - 60 - 1 | 15 | 3.1 | 40 | 125 |
| | 92G1UH070BP12 | 66,000 | 62,000 | 92.1% | 2.5 - 3 | 1/2 | 120 - 60 - 1 | 15 | 6.1 | 40 | 127 |
| | 92G1UH090CP12 | 88,000 | 83,000 | 92.1% | 2 - 3 | 1/2 | 120 - 60 - 1 | 15 | 6.1 | 40 | 143 |
| | 92G1UH090CP16 | 88,000 | 83,000 | 92.1% | 3 - 4 | 1/2 | 120 - 60 - 1 | 15 | 8.2 | 40 | 146 |
| | 92G1UH110CP16 | 110,000 | 104,000 | 92.1% | 3 - 4 | 1/2 | 120 - 60 - 1 | 15 | 8.2 | 40 | 155 |
| | 92G1UH110CP20 | 110,000 | 104,000 | 92.1% | 4 - 5 | 1/2 | 120 - 60 - 1 | 15 | 10.0 | 40 | 161 |
| | 92G1UH135DP20 | 135,000 | 124,000 | 92.1% | 4 - 5 | 1/2 | 120 - 60 - 1 | 15 | 10.0 | 40 | 178 |
| Downflow | 92G1DF045BP12 | 44,000 | 42,000 | 92.1% | 2.5 - 3 | 1/2 | 120 - 60 - 1 | 15 | 6.1 | 40 | 124 |
| | 92G1DF070BP12 | 66,000 | 62,000 | 92.1% | 2.5 - 3 | 1/2 | 120 - 60 - 1 | 15 | 6.1 | 40 | 129 |
| | 92G1DF090CP16 | 88,000 | 84,000 | 92.1% | 3 - 4 | 1/2 | 120 - 60 - 1 | 15 | 8.2 | 40 | 147 |
| | 92G1DF110CP20 | 110,000 | 104,000 | 92.1% | 4 - 5 | 1/2 | 120 - 60 - 1 | 20 | 11.5 | 40 | 162 |

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 | CFM @External Static Pressure - " w.c. | | | | | | | |
|---------------------|---------------|-----------------|-------------|----------------|--------------|--|------|------|------|------|------|------|------|
| | | | | | | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 |
| Upflow / Horizontal | 92G1UH045BP08 | 1/5 | 10 x 8 | 40 - 70 | High | 1125 | 1090 | 1065 | 1020 | 945 | 910 | 790 | 735 |
| | | | | | Med/High | 895 | 870 | 865 | 825 | 780 | 740 | 670 | 575 |
| | | | | | Med | 755 | 725 | 715 | 675 | 640 | 585 | 510 | 460 |
| | | | | | Low | 680 | 660 | 635 | 605 | 555 | 505 | 455 | 390 |
| | 92G1UH045BP12 | 1/3 | 10 x 8 | 25 - 55 | High | 1550 | 1480 | 1425 | 1355 | 1320 | 1225 | 1135 | 1025 |
| | | | | | Med/High | 1330 | 1295 | 1280 | 1190 | 1165 | 1110 | 1050 | 950 |
| | | | | | Med | 1150 | 1140 | 1105 | 1085 | 1030 | 975 | 920 | 800 |
| | | | | | Low | 1000 | 975 | 970 | 940 | 900 | 855 | 780 | 700 |
| | 92G1UH070BP08 | 1/5 | 10 x 8 | 50 - 80 | High | 1125 | 1090 | 1065 | 1020 | 945 | 910 | 790 | 735 |
| | | | | | Med/High | 895 | 870 | 865 | 825 | 780 | 740 | 670 | 575 |
| | | | | | Med | 755 | 725 | 715 | 675 | 640 | 585 | 510 | 460 |
| | | | | | Low | 680 | 660 | 635 | 605 | 555 | 505 | 455 | 390 |
| | 92G1UH070BP12 | 1/3 | 10 x 8 | 40 - 70 | High | 1535 | 1440 | 1405 | 1340 | 1255 | 1165 | 1060 | 955 |
| | | | | | Med/High | 1340 | 1300 | 1255 | 1200 | 1125 | 1080 | 990 | 895 |
| | | | | | Med | 1150 | 1110 | 1075 | 1045 | 995 | 935 | 870 | 750 |
| | | | | | Low | 1025 | 1000 | 975 | 945 | 875 | 820 | 750 | 660 |
| | 92G1UH090CP12 | 1/3 | 10 x 8 | 50 - 80 | High | 1565 | 1525 | 1485 | 1431 | 1365 | 1295 | 1200 | 1060 |
| | | | | | Med/High | 1335 | 1300 | 1295 | 1260 | 1210 | 1155 | 1065 | 955 |
| | | | | | Med | 1145 | 1135 | 1110 | 1090 | 1035 | 995 | 930 | 820 |
| | | | | | Low | 970 | 965 | 960 | 940 | 900 | 860 | 745 | 695 |
| | 92G1UH090CP16 | 1/2 | 10 x 10 | 40 - 70 | High | 1925 | 1850 | 1790 | 1700 | 1610 | 1540 | 1415 | 1270 |
| | | | | | Med/High | 1675 | 1640 | 1575 | 1540 | 1455 | 1365 | 1265 | 1165 |
| | | | | | Med | 1405 | 1400 | 1395 | 1350 | 1295 | 1225 | 1125 | 1060 |
| | | | | | Low | 1205 | 1175 | 1170 | 1140 | 1100 | 1030 | 980 | 900 |
| | 92G1UH110CP16 | 1/2 | 10 x 10 | 50 - 80 | High | 1935 | 1885 | 1830 | 1750 | 1660 | 1540 | 1420 | 1290 |
| | | | | | Med/High | 1675 | 1660 | 1585 | 1565 | 1485 | 1380 | 1290 | 1175 |
| | | | | | Med | 1455 | 1410 | 1385 | 1320 | 1280 | 1230 | 1140 | 1045 |
| | | | | | Low | 1230 | 1200 | 1190 | 1165 | 1105 | 1060 | 945 | 850 |
| 92G1UH110CP20 | 3/4 | 11½ X 10 | 40 - 70 | High | 2370 | 2270 | 2185 | 2115 | 2020 | 1910 | 1815 | 1680 | |
| | | | | Med/High | 2180 | 2120 | 1995 | 1955 | 1865 | 1765 | 1675 | 1575 | |
| | | | | Med | 1950 | 1885 | 1835 | 1760 | 1721 | 1630 | 1555 | 1440 | |
| | | | | Low | 1670 | 1635 | 1605 | 1545 | 1485 | 1425 | 1330 | 1275 | |
| 92G1UH135DP20 | 3/4 | 11½ X 10 | 45 - 75 | High | 2350 | 2260 | 2135 | 2095 | 1980 | 1885 | 1810 | 1690 | |
| | | | | Med/High | 2170 | 2100 | 2050 | 1950 | 1875 | 1820 | 1690 | 1620 | |
| | | | | Med | 1945 | 1915 | 1825 | 1805 | 1720 | 1680 | 1580 | 1505 | |
| | | | | Low | 1710 | 1675 | 1655 | 1575 | 1540 | 1480 | 1405 | 1360 | |

Blower Performance Data continues on next page

Blower Performance Data

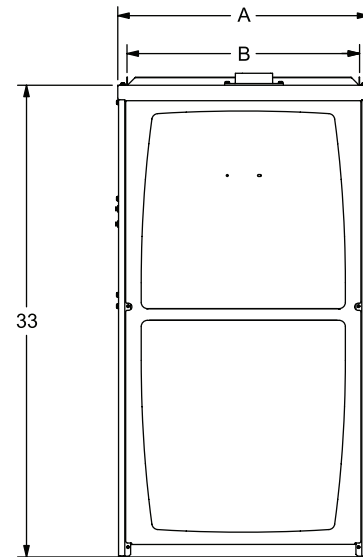
Blower Performance Data continued from previous page

| | Model | Motor Size (hp) | Blower Size | Temp Rise (°F) | Blower Speed | CFM @External Static Pressure - " w.c. | | | | | | | |
|----------|---------------|-----------------|-------------|----------------|--------------|--|------|------|------|------|------|------|------|
| | | | | | | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 |
| Downflow | 92G1DF045BP12 | 1/3 | 10 x 8 | 25 - 55 | High | 1500 | 1450 | 1350 | 1300 | 1195 | 1140 | 1025 | 945 |
| | | | | | Med/High | 1340 | 1290 | 1235 | 1170 | 1095 | 1020 | 920 | 800 |
| | | | | | Med | 1165 | 1125 | 1090 | 1035 | 990 | 895 | 840 | 700 |
| | | | | | Low | 1015 | 975 | 920 | 875 | 840 | 780 | 695 | 605 |
| | 92G1DF070BP12 | 1/3 | 10 x 8 | 50 - 80 | High | 1405 | 1355 | 1305 | 1270 | 1175 | 1105 | 1040 | 920 |
| | | | | | Med/High | 1255 | 1225 | 1165 | 1110 | 1080 | 1000 | 925 | 825 |
| | | | | | Med | 1055 | 1045 | 1010 | 975 | 925 | 855 | 790 | 680 |
| | | | | | Low | 930 | 900 | 890 | 835 | 815 | 745 | 670 | 560 |
| | 92G1DF090CP16 | 1/2 | 10 x 10 | 40 - 70 | High | 1910 | 1825 | 1730 | 1630 | 1530 | 1430 | 1300 | 1185 |
| | | | | | Med/High | 1775 | 1705 | 1620 | 1530 | 1450 | 1340 | 1245 | 1110 |
| | | | | | Med | 1575 | 1530 | 1475 | 1405 | 1330 | 1260 | 1145 | 1045 |
| | | | | | Low | 1340 | 1325 | 1285 | 1240 | 1175 | 1095 | 1015 | 915 |
| | 92G1DF110CP20 | 1 | 11½ X 10 | 50 - 80 | High | 2285 | 2220 | 2185 | 2045 | 1965 | 1820 | 1625 | 1455 |
| | | | | | Med/High | 2120 | 2015 | 1950 | 1830 | 1710 | 1610 | 1510 | 1390 |
| | | | | | Med | 1850 | 1770 | 1750 | 1680 | 1575 | 1495 | 1400 | 1350 |
| | | | | | Low | 1540 | 1535 | 1530 | 1500 | 1445 | 1370 | 1315 | 1210 |

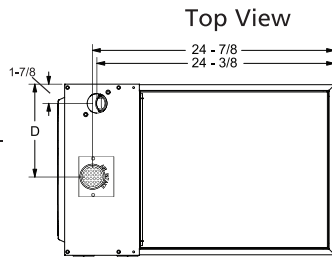
Dimensions (in.)

| | Model | A | B | C | D |
|-------------------|-----------------|--------|--------|--------|--------|
| Upflow/Horizontal | A92G1UH045BP08 | 17-1/2 | 16-3/8 | 16 | 7-5/8 |
| | A92G1UH045BP12 | 17-1/2 | 16-3/8 | 16 | 7-5/8 |
| | A92G1UH070BP08 | 17-1/2 | 16-3/8 | 16 | 7-5/8 |
| | A92G1UH070BP12 | 17-1/2 | 16-3/8 | 16 | 7-5/8 |
| | A92G1UH090CP12 | 21 | 19-7/8 | 19-1/2 | 9-3/8 |
| | A92G1UH090CP16 | 21 | 19-7/8 | 19-1/2 | 9-3/8 |
| | A92G1UH0110CP16 | 21 | 19-7/8 | 19-1/2 | 9-3/8 |
| | A92G1UH0110CP20 | 21 | 19-7/8 | 19-1/2 | 9-3/8 |
| | A92G1UH0135DP20 | 24-1/2 | 23-3/8 | 23 | 11-1/8 |
| Downflow | A92G1DF045BP12 | 17-1/2 | 16-3/8 | 16 | 15-1/2 |
| | A92G1DF070BP12 | 17-1/2 | 16-3/8 | 16 | 15-1/2 |
| | A92G1DF090CP16 | 21 | 19-7/8 | 19-1/2 | 19 |
| | A92G1DF110CP20 | 21 | 19-7/8 | 19-1/2 | 19 |

Front View

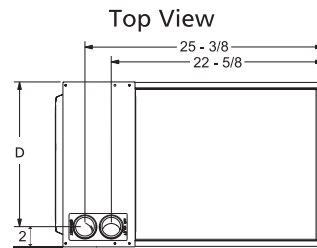


Upflow / Horizontal



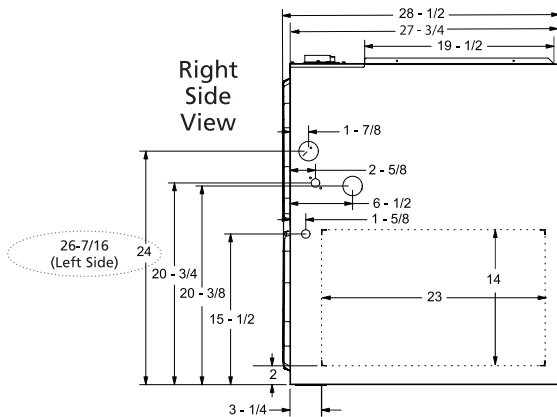
Top View

Downflow

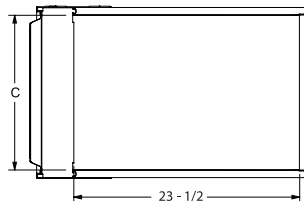


Top View

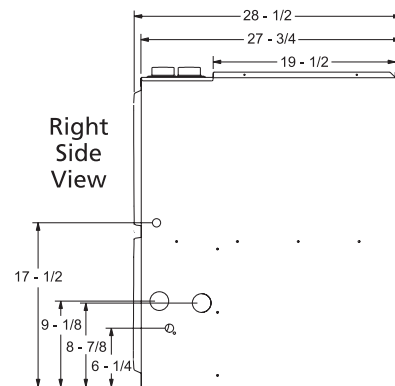
Right Side View



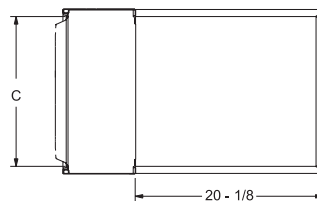
Bottom View



Right Side View



Bottom View



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 | |
| 68W75 | 1-Stage - 90 |
| Return Air Base | |
| 68W62 | 17.5" B Width |
| 68W63 | 21.0" C Width |
| 68W64 | 24.5" D Width |
| Downflow Combustible Flooring Base | |
| 11M60 | 17.5" B Width |
| 11M61 | 21.0" C Width |
| Night Service Kits | |
| 68W80 | 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 |

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

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

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