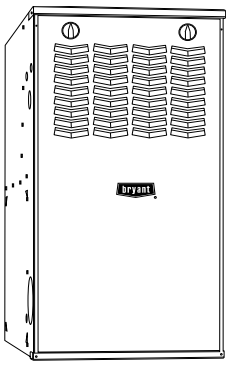
# 820TB/821TB
# Preferred™ Two-Stage, Variable 25-Speed, Non-Communicating, Non-Condensing, Gas Furnace with InteliSense™ Technology

# Product Data



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Representative drawing only. Some product models may vary.

**⚠ WARNING**

**This furnace is not designed for use in mobile homes, trailers, or recreational vehicles. Such use could result in property damage and/or death.**

The Two-stage, Variable 25-speed, Non-communicating Gas Furnace offers outstanding comfort in an 80% AFUE furnace. You get the benefits of Perfect Heat™: reduced drafts, reduced sound levels, longer cycles, less temperature swings between cycles, less temperature differences between rooms, and improved indoor air quality. Plus, it features a dehumidify mode and the ability to change continuous fan speeds from the thermostat. The 820TB/821TB furnaces are approved for use with natural or propane gas. 821TB - Low NOx units are designed for California installations and can be installed in air quality management districts with a 40 ng/J NOx emissions limit.

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## PERFORMANCE

- Perfect Heat® operation
- Two-stage heating with single-stage thermostat with patented Adaptive Control Technology
- Lower operating sound through low-stage operation and QuieTech™ system
- Microprocessor based “smart” control center
- Fan On Plus™ - Continuous Fan speed adjustable from thermostat
- Adjustable heating air temperature rise
- Adapts heating stages to meet demand
- Dehumidify mode
- Enhanced diagnostics with easy to read 3 digit display for faults and status and reflective sight glass, non-volatile fault code memory, and self test feature
- On-board fuse for transformer protection
- Stores fault codes during power outages
- Perfect Light™ Igniter
- Draft Safeguard switch designed to ensure proper furnace venting
- Insulated blower compartment
- Inner door for tighter sealing
- Variable-speed, constant torque ECM blower motor
  Increased SEER ratings for AC and HP systems as compared to the Air Conditioning Heating and Refrigeration Institutes's standard coil-only rating when paired with selected Bryant evaporator coils.
- Noise reduction combustion system

## INSTALLATION FLEXIBILITY

- On-board NFC antenna makes setup a tap away when using the Bryant service technician app
- 4-way Multipoise furnace, 13 vent applications
- Compact design - only 33-1/3 in. (847 mm) tall

## APPLICATIONS

- SmartEvap™ Humidity control when using a Thermidistat™ control
- SmartEvap™ can lower the humidity level in the home by nearly 10 percent
- All models are Chimney friendly when used with accessory vent kit
- Twinning capable with accessory kit (order separately)
- HYBRID HEAT® Dual Fuel System compatible

## CERTIFICATION

- Cabinet air leakage less than 2.0% at 1.0 in. w.c. and cabinet air leakage less than 1.4% at 0.5 in. w.c. when tested in accordance with ASHRAE standard 193
- Residential installations eligible for consumer financing through the Retail Credit Program

## LIMITED WARRANTY*

- Default 5-year parts limited warranty
- 20-year heat exchanger limited warranty
  10-year parts limited warranty with timely registration*

- Equipment must be registered within 90 days of original installation, except in jurisdictions where warranty benefits cannot be conditioned on registration.

* Applies to original purchaser/homeowner, some limitations may apply. For residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage of other applications.

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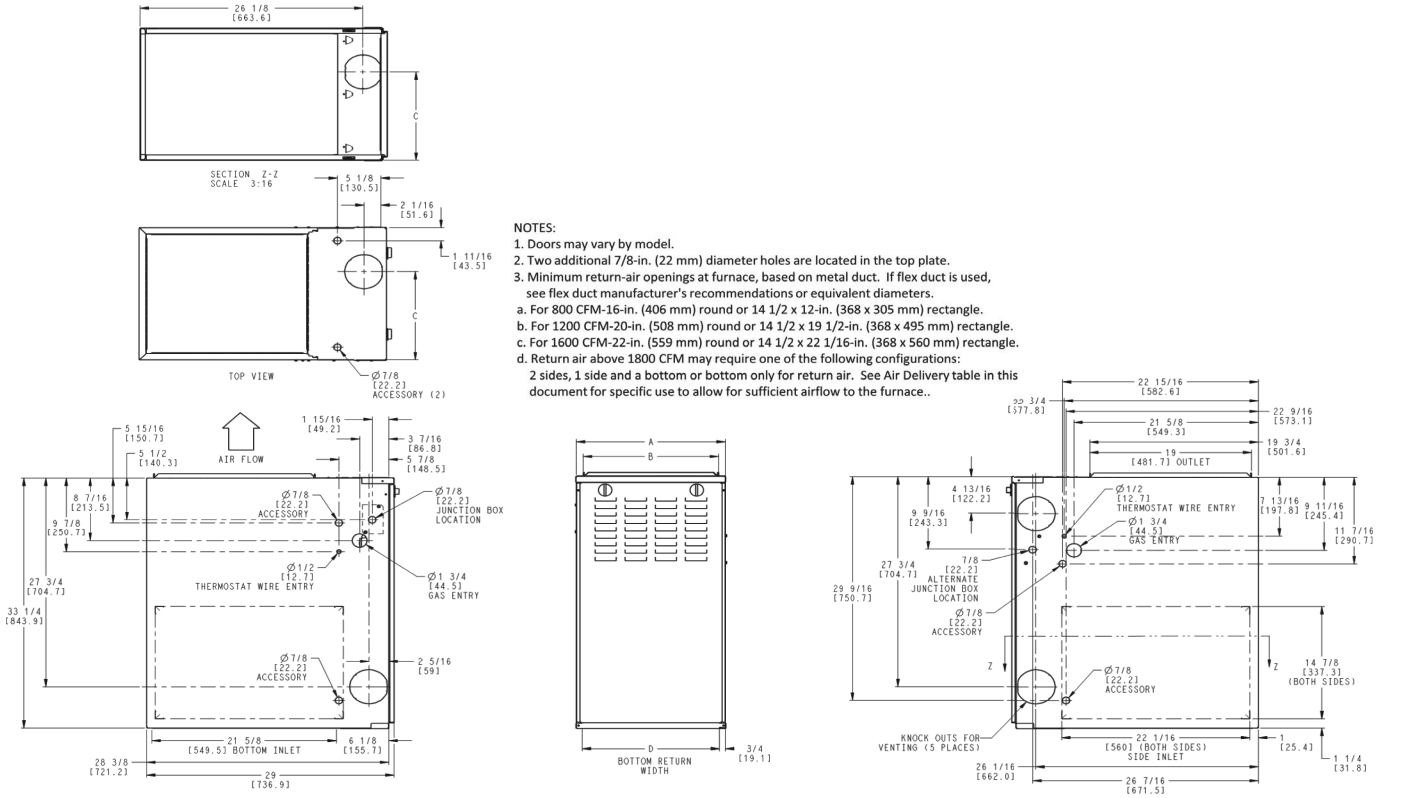
This furnace is InteliSense capable when used with an ecobee for Bryant smart thermostat with InteliSense technology. InteliSense technology allows for the collection of performance data to be sent to the cloud. Utilizing Bryant’s digital tools, dealers can gather system settings and equipment data, with homeowner opt-in, to provide quicker and more efficient service.

# UNIT PERFORMANCE DATA

| Model | Input (BTUh) | Efficiency AFUE | Cooling Capacity CFM range | Dimensions H x W x D In (mm) | Shipping Wt. Lbs (Kg) |
|---|---|---|---|---|---|
| **36045V14** | 44,000 | 80% | 185-1345 | 33-1/3 x 14-3/16 x 29 (847 x 360x 737) | 114 (51.7) |
| **36070V14** | 66,000 | 80% | 220-1340 | 33-1/3 x 14-3/16 x 29 (847 x 360x 737) | 119 (54.0) |
| **48070V17** | 66,000 | 80% | 260-1715 | 33-1/3 x 17-1/2 x 29 (847 x 445 x 737) | 134 (60.8) |
| **48090V17** | 88,000 | 80% | 340-1480 | 33-1/3 x 17-1/2 x 29 (847 x 445 x 737) | 139 (63.0) |
| **60090V21** | 88,000 | 80% | 330-2285 | 33-1/3 x 21 x 29 (847 x 533 x 737) | 149 (67.6) |
| **66110V21** | 110,000 | 80% | 375-2345 | 33-1/3 x 21 x 29 (847 x 533 x 737) | 155 (70.3) |
| **66135V24** | 135,000 | 80% | 365-2325 | 33-1/3 x 24-1/2 x 29 (847 x 622x 737) | 173 (78.5) |

# DIMENSIONAL DATA




NOTES:
1. Doors may vary by model.
2. Two additional 7/8-in. (22 mm) diameter holes are located in the top plate.
3. Minimum return-air openings at furnace, based on metal duct. If flex duct is used, see flex duct manufacturer's recommendations or equivalent diameters.
   a. For 800 CFM-16-in. (406 mm) round or 14 1/2 x 12-in. (368 x 305 mm) rectangle.
   b. For 1200 CFM-20-in. (508 mm) round or 14 1/2 x 19 1/2-in. (368 x 495 mm) rectangle.
   c. For 1600 CFM-22-in. (559 mm) round or 14 1/2 x 22 1/16-in. (368 x 560 mm) rectangle.
   d. Return air above 1800 CFM may require one of the following configurations:
      2 sides, 1 side and a bottom or bottom only for return air. See Air Delivery table in this document for specific use to allow for sufficient airflow to the furnace..

NOTE: ALL DIMENSIONS IN INCH (MM)

U.S. ECCN: Not Subject to Regulation (N.S.R.)

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**Dimensions**

| FURNACE SIZE | A<br>CABINET WIDTH | B<br>OUTLET WIDTH | C<br>TOP AND BOTTOM FLUE COLLAR | D<br>BOTTOM INLET WIDTH | VENT CONNECTION SIZE | SHIP WT. LB (KG) |
|---|---|---|---|---|---|---|
| **36045V14** | 14-3/16 (360) | 12-9/16 (319) | 9-5/16 (237) | 12-11/16 (322) | 4 (102) | 114 (51.7) |
| **36070V14** | 14-3/16 (360) | 12-9/16 (319) | 9-5/16 (237) | 12-11/16 (322) | 4 (102) | 119 (54.0) |
| **48070V17** | 17-1/2 (445) | 15-7/8 (403) | 11-9/16 (294) | 16 (406) | 4 (102) | 134 (60.8) |
| **48090V17** | 17-1/2 (445) | 15-7/8 (403) | 11-9/16 (294) | 16 (406) | 4 (102) | 139 (63.0) |
| **60090V21** | 21 (533) | 19-3/8 (492) | 13-5/16 (338) | 19-1/2 (495) | 4 (102) | 149 (67.6) |
| **66110V21** | 21 (533) | 19-3/8 (492) | 13-5/16 (338) | 19-1/2 (495) | 4 (102) | 155 (70.3) |
| **66135V24** | 24-1/2 (622) | 22-7/8 (581 | 15-1/16 (383) | 23 (584) | 4 (102)* | 173 (78.5) |

*. 135 size furnaces require a 5 or 6-in. (127 or 152 mm) vent. Use a vent adapter between furnace and vent stack. See Installation Instructions for complete installation requirements.

# MODEL NUMBER NOMENCLATURE

| 1<br>Heat Exchanger<br>9 | 2<br>Tier/NOx<br>8 | 3<br>AFUE/NOx<br>7 | 4<br>Heating Stages<br>M | 5<br>Major Series<br>B | 6, 7<br>Cooling Capacity (CFM)<br>42 | 8 - 10<br>Heat Input<br>060 | 11<br>Motor Type<br>C | 12 - 13<br>Width<br>17 | 14<br>Voltage (1-phase)<br>A | 15<br>Un-used<br>- | 16<br>Minor Series<br>A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 = 80%<br>9 = 90+% | 0 = Base<br>1 = Legacy Line<br>2 = Preferred<br>3 = Ultra Low Nox<br>8 = Evolution | 0 = 80%<br>1 = 80% Low NOx (Not Ultra Low NOx)<br>2 = 92%<br>5 = 95%<br>6 = 96%<br>7 = 97%<br>8 = 98% | M = Modulating<br>T = Two Stage<br>S = Single Stage<br>C = Single Stage Communicating | A<br>B<br>C<br>D<br>--- | 24 = 800 CFM<br>30 = 1000 CFM<br>36 = 1200 CFM<br>42 = 1400 CFM<br>48 = 1600 CFM<br>60 = 2000 CFM<br>66 = 2200 CFM | 026 = 26,000 BTU/h<br>040 = 40,000 BTU/h<br>060 = 60,000 BTU/h<br>--- | C = Constant Airflow Variable- Speed (VCA) ECM<br>V = Variable-Speed (VCT) PWM<br>M = Multi 18-Speed Constant Torque (MCT) ECM | 14 = 14.2"<br>17 = 17.5"<br>21 = 21.0"<br>24 = 24.5" | A = 110V/60Hz<br>B = 230V/50Hz | - | A<br>B<br>C<br>--- |

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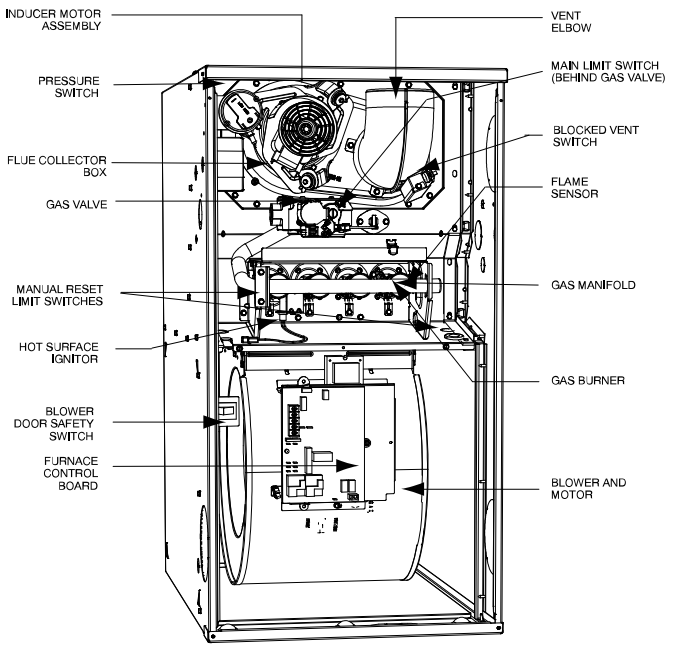
# FURNACE COMPONENTS

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**NOTE:** The furnaces are factory shipped for use with natural gas. These furnaces can be field-converted for propane gas with a factory-authorized and listed accessory conversion kit.

# CLEARANCES

**⚠ WARNING** — ELECTRIC SHOCK AND MOVING PARTS HAZARD
High voltage and rotating fan blades may be present in blower compartment when door switch is pressed. Keep hands clear.

**⚠ WARNING**
**FIRE, EXPLOSION, ASPHYXIATION HAZARD**

**Improper adjustment, alteration, service, maintenance, or installation can cause serious injury or death.**

**Read and follow instructions and precautions in User's Information Manual provided with this furnace. Installation and service must be performed by a qualified service agency or the gas supplier.**

**⚠ CAUTION**

**Check entire gas assembly for leaks after lighting this appliance.**

**INSTALLATION**

1. This furnace must be installed in accordance with the manufacturer's instructions and local codes. In the absence of local codes, follow the National Fuel Gas Code ANSI Z223.1 / NFPA54 or CSA B-149. 1 Gas Installation Code.
2. This furnace must be installed so there are provisions for combustion and ventilation air. See manufacturer's installation information provided with this appliance.

**OPERATION**

This furnace is equipped with manual reset limit switch(es) in burner compartment to protect against overheat conditions that can result from inadequate combustion air supply or blocked vent conditions.

1. Do not bypass limit switches.
2. If a limit opens, call a qualified serviceman to correct the condition and reset limit switch.

**INSTALLATION**

**MINIMUM INCHES CLEARANCE TO COMBUSTIBLE CONSTRUCTION**

This forced air furnace is equipped for use with natural gas at altitudes 0 - 10,000 ft (0 - 3,050m).

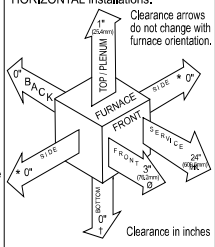
An accessory kit, supplied by the manufacturer, shall be used to convert to propane gas use or may be required for some natural gas applications.

This furnace is for indoor installation in a building constructed on site.

This furnace may be installed on combustible flooring in alcove or closet at minimum clearance as indicated by the diagram from combustible material.

This furnace may be used with a Type B-1 Vent and may be vented in common with other gas fired appliances.

This furnace is approved for UPFLOW, DOWNFLOW, and HORIZONTAL installations.




**Vent Clearance to combustibles:**
For Single Wall vents 6 inches (6 po).
For Type B-1 vent type 1 inch (1 po).

**MINIMUM INCHES CLEARANCE TO COMBUSTIBLE CONSTRUCTION**

**DOWNFLOW POSITIONS:**

† Installation on non-combustible floors only. For installation on combustible flooring only when installed on a manufacturer approved special base kit or manufacturer recommended coil assembly.

Ø 18 inches front clearance required for alcove.

* Indicates supply or return sides when furnace is in the horizontal position. Line contact only permissible between lines formed by intersections of the Top and two Sides of the furnace jacket, and building joists, studs or framing.

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# SPECIFICATIONS

| UNIT SIZE | | | 36045V14 | 36070V14 | 48070V17 | 48090V17 | 60090V21 | 66110V21 | 66135V24 |
|---|---|---|---|---|---|---|---|---|---|
| **HEATING AND CAPACITY AND EFFICIENCY** | | | | | | | | | |
| **Input BTUh*** | All Standard | High | 44,000 | 66,000 | 66,000 | 88,000 | 88,000 | 110,000 | 132,000 |
| | All Low NOx Upflow | Low | 29,000 | 43,500 | 43,500 | 58,000 | 58,000 | 72,500 | 87,000 |
| | All Low NOx | High | 42,000 | 63,000 | 63,000 | 84,000 | 84,000 | 105,000 | 126,000 |
| | Downflow/ Horizontal | Low | 29,000 | 43,500 | 43,500 | 58,000 | 58,000 | 72,500 | 87,000 |
| **Output Capacity (BTUh)†** | All Standard | High | 35,000 | 53,000 | 53,000 | 71,000 | 71,000 | 89,000 | 107,000 |
| | All Low NOx Upflow | Low | 23,000 | 35,000 | 35,000 | 47,000 | 47,000 | 59,000 | 70,000 |
| | All Low NOx | High | 34,000 | 51,000 | 51,000 | 68,000 | 68,000 | 85,000 | 102,000 |
| | Downflow/ Horizontal | Low | 23,000 | 35,000 | 35,000 | 47,000 | 47,000 | 59,000 | 70,000 |
| **Certified Temperature Rise Range - °F (°C)** | | High | 30 - 60 (17 - 33) | 30 - 60 (17 - 33) | 25 - 55 (14 - 31) | 40 - 70 (22 - 39) | 25 - 55 (14 - 31) | 30 - 60 (17 - 33) | 40 - 70 (22 - 39) |
| | | Low | 20 - 50 (11 - 28) | 20 - 50 (11 - 28) | 15 - 45 (8 - 25) | 30 - 60 (17 - 33) | 15 - 45 (8 - 25) | 20 - 50 (11 - 28) | 25 - 55 (14 - 31) |
| **AFUE†** | | | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| **AIRFLOW CAPACITY AND BLOWER DATA** | | | | | | | | | |
| **Rated Certified External Static Pressure** | Heating | | 0.1 | 0.12 | 0.12 | 0.15 | 0.15 | 0.2 | 0.2 |
| | Cooling | | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| **Airflow CFM @ Rated ESP (CFM)‡** | Heating High/Low | | 770/655 | 1090/705 | 1235/1120 | 1240/1045 | 1690/1530 | 1620/1195 | 1915/1765 |
| | Cooling | | 185-1345 | 220-1340 | 260-1715 | 340-1480 | 330-2285 | 375-2345 | 365-2325 |
| **Cooling Capacity (tons)** | 400 CFM/ton | | 3 | 3 | 4 | 3.5 | 5 | 5 | 5 |
| | 350 CFM/ton | | 3.5 | 3.5 | 4.5 | 4 | 5.5 | 5.5 | 5.5 |
| **Direct Drive Motor Type** | | | Electronically Commutated Motor (ECM) | | | | | | |
| **Direct Drive Motor HP** | | | 1/2 | 1/2 | 3/4 | 1/2 | 1 | 1 | 1 |
| **Motor Full Load Amps** | | | 6.7 | 6.7 | 9.2 | 6.7 | 11.5 | 11.5 | 11.7 |
| **Heating Blower Control (Htg Off-Delay)** | | | Adjustable: 90, 120, 150, 180 seconds | | | | | | |
| **Cooling Blower Control (Time Delay Relay)** | | | 90 seconds | | | | | | |
| **Blower Wheel Diameter x Width - In. (mm)** | | | 10 x 6 | 10 x 6 | 11 x 8 | 10 x 8 | 11 x 11 | 11 x 11 | 11 x 11 |
| **Air Filtration System** | | | Field Supplied Filter | | | | | | |
| **Filter used for Certified Watt Data** | | | 325531-40** | | | | | | |
| **ELECTRICAL DATA** | | | | | | | | | |
| **Unit Volts-Hertz-Phase** | | | 115-60-1 | | | | | | |
| **Operating Voltage Range** | Min-Max | | 104-127 | | | | | | |
| **Maximum Unit Amps** | | | 8 | 8 | 10.5 | 8.6 | 14.3 | 14.6 | 13.8 |
| **Unit Ampacity** | | | 10.8 | 10.8 | 13.9 | 11.3 | 18.5 | 18.8 | 17.9 |
| **Maximum Wire Length** | | | | | | | | | |
| **Measure 1 way in Ft** | Feet | | 34 | 34 | 26 | 32 | 31 | 30 | 32 |
| **(M)** | Meters | | 10.5 | 10.5 | 8.1 | 10.0 | 9.4 | 9.3 | 9.8 |
| **Minimum Wire Size** | AWG | | 14 | 14 | 14 | 14 | 12 | 12 | 12 |
| **Max. Fuse/Ckt Bkr Size (Time-Delay Type Recommended)** | Amps | | 15 | 15 | 15 | 15 | 20 | 20 | 20 |
| **Transformer Capacity** | (24 VAC output) | | 40VA | | | | | | |
| **External Control Power Available** | Heating | | 12VA | | | | | | |
| | Cooling | | 35VA | | | | | | |
| **GAS CONTROLS** | | | | | | | | | |
| **Burners** | | | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| **Gas Connection Size** | | | 1/2in. NPT | | | | | | |
| **Gas Valve (Redundant)** | Mfr | | WhiteRodgers™ | | | | | | |
| **Min. inlet pressure** | (in.w.c.) | | 4.5 (Natural Gas) | | | | | | |
| **Max. inlet pressure** | (in.w.c.) | | 13.6 (Natural Gas) | | | | | | |
| **Ignition Device** | | | Silicon Nitride | | | | | | |
| **Factory installed orifice** | | | 43 | 43 | 43 | 43 | 43 | 43 | 43 |
| **CONNECTIONS** | | | | | | | | | |
| **Communication System** | | | InteliSense™ | | | | | | |
| **Thermostat Connections** | | | G, C, W1, W/W2, Y/Y2, Y1, R, DHUM | | | | | | |
| **Accessory Connections** | | | EAC-1 (115 VAC); HUM (24 VAC); 1-STG AC (via Y/Y2); 2-STG AC (via Y/Y2 and Y1) | | | | | | |

*. Gas input ratings are certified for elevations to 2000 ft. (610 M). In USA, For elevations above 2000 ft (610 M), reduce ratings 4 percent for each 1000 ft (305 M) above sea level. Refer to National Fuel Gas Code NFPA 54/ANSI Z223.1 Table F.4 or furnace installation instructions.

†. Capacity in accordance with U.S. Government DOE test procedures.

‡. Airflow shown is for bottom only return-air supply for the as-shipped speed tap. For air delivery above 1800 CFM, see Air Delivery table for other options. A filter is required for each return-air supply. An airflow reduction of up to 7 percent may occur when using the factory-specified 4-5/16-in. (110 mm) wide, high efficiency media filter.

**. See Accessory List for part numbers available.

## AIR DELIVERY—CFM (With Filter)*

| Unit Size | Airflow Setting | Default Setting | External Static Pressure (in. w.c.) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |
| 36045V14 | 1 | Cont. Fan | 455 | 390 | 325 | 255 | 185 | 115 | - | - | - | - |
| | 2 | | 500 | 440 | 380 | 320 | 255 | 185 | 120 | - | - | - |
| | 3 | | 565 | 510 | 450 | 395 | 340 | 285 | 220 | 145 | - | - |
| | 4 | | 600 | 550 | 495 | 440 | 390 | 340 | 285 | 225 | 145 | - |
| | 5 | Low Heating | 655 | 605 | 555 | 505 | 455 | 410 | 365 | 310 | 255 | 190 |
| | 6 | | 720 | 675 | 630 | 585 | 535 | 490 | 450 | 405 | 360 | 310 |
| | 7 | High Heating | 770 | 725 | 680 | 640 | 595 | 550 | 505 | 465 | 425 | 380 |
| | 8 | | 795 | 755 | 715 | 670 | 630 | 585 | 540 | 500 | 460 | 425 |
| | 9 | | 825 | 785 | 745 | 705 | 660 | 620 | 575 | 535 | 500 | 460 |
| | 10 | | 880 | 840 | 800 | 765 | 725 | 685 | 645 | 605 | 565 | 530 |
| | 11 | | 910 | 875 | 835 | 800 | 760 | 725 | 685 | 645 | 605 | 570 |
| | 12 | | 935 | 900 | 865 | 830 | 795 | 755 | 720 | 685 | 645 | 610 |
| | 13 | Low Cooling | 985 | 950 | 915 | 885 | 850 | 815 | 780 | 745 | 710 | 675 |
| | 14 | | 1015 | 980 | 950 | 920 | 885 | 850 | 820 | 785 | 750 | 715 |
| | 15 | | 1045 | 1010 | 980 | 945 | 915 | 885 | 850 | 815 | 785 | 750 |
| | 16 | | 1075 | 1045 | 1015 | 980 | 950 | 920 | 890 | 855 | 825 | 790 |
| | 17 | | 1110 | 1080 | 1045 | 1015 | 985 | 955 | 925 | 895 | 860 | 830 |
| | 18 | | 1160 | 1130 | 1100 | 1070 | 1040 | 1015 | 985 | 955 | 920 | 890 |
| | 19 | | 1190 | 1160 | 1130 | 1100 | 1075 | 1045 | 1015 | 990 | 960 | 930 |
| | 20 | | 1220 | 1190 | 1160 | 1135 | 1105 | 1075 | 1050 | 1020 | 990 | 960 |
| | 21 | | 1250 | 1225 | 1195 | 1165 | 1140 | 1115 | 1085 | 1060 | 1030 | 1000 |
| | 22 | | 1280 | 1255 | 1225 | 1200 | 1175 | 1145 | 1120 | 1095 | 1065 | 1040 |
| | 23 | High Cooling | 1325 | 1295 | 1270 | 1245 | 1220 | 1190 | 1165 | 1140 | 1115 | 1085 |
| | 24 | | 1400 | 1375 | 1350 | 1325 | 1300 | 1275 | 1250 | 1225 | 1180 | 1095 |
| | 25 | | 1485 | 1460 | 1420 | 1380 | 1345 | 1305 | 1260 | 1225 | 1180 | 1100 |
| 36070V14 | 1 | Cont. Fan | 480 | 420 | 355 | 285 | 220 | 160 | 115 | - | - | - |
| | 2 | | 525 | 470 | 410 | 340 | 280 | 225 | 170 | - | - | - |
| | 3 | | 565 | 510 | 455 | 395 | 340 | 275 | 225 | 175 | 135 | - |
| | 4 | | 620 | 570 | 520 | 465 | 410 | 360 | 300 | 250 | 205 | 160 |
| | 5 | | 650 | 605 | 560 | 510 | 460 | 405 | 355 | 300 | 250 | 210 |
| | 6 | Low Heating | 700 | 655 | 615 | 565 | 520 | 470 | 420 | 375 | 325 | 275 |
| | 7 | | 715 | 675 | 630 | 585 | 540 | 495 | 440 | 395 | 345 | 300 |
| | 8 | | 760 | 720 | 680 | 640 | 595 | 550 | 505 | 455 | 410 | 365 |
| | 9 | | 815 | 780 | 740 | 700 | 660 | 620 | 580 | 535 | 490 | 450 |
| | 10 | | 870 | 830 | 795 | 760 | 725 | 685 | 645 | 605 | 565 | 525 |
| | 11 | | 920 | 885 | 850 | 815 | 780 | 745 | 710 | 675 | 635 | 595 |
| | 12 | | 980 | 950 | 915 | 885 | 850 | 815 | 780 | 745 | 710 | 675 |
| | 13 | Low Cooling | 1035 | 1005 | 975 | 940 | 910 | 880 | 850 | 815 | 780 | 750 |
| | 14 | | 1070 | 1040 | 1010 | 980 | 945 | 915 | 885 | 855 | 820 | 790 |
| | 15 | High Heating | 1100 | 1070 | 1040 | 1010 | 980 | 950 | 920 | 890 | 860 | 830 |
| | 16 | | 1130 | 1100 | 1070 | 1045 | 1015 | 985 | 955 | 925 | 895 | 865 |
| | 17 | | 1160 | 1130 | 1105 | 1075 | 1045 | 1020 | 990 | 960 | 930 | 900 |
| | 18 | | 1190 | 1160 | 1135 | 1105 | 1080 | 1050 | 1025 | 995 | 965 | 940 |
| | 19 | | 1220 | 1190 | 1165 | 1135 | 1110 | 1080 | 1055 | 1025 | 1000 | 970 |
| | 20 | | 1250 | 1225 | 1200 | 1170 | 1145 | 1115 | 1090 | 1065 | 1035 | 1010 |
| | 21 | | 1285 | 1255 | 1230 | 1205 | 1180 | 1150 | 1125 | 1100 | 1070 | 1045 |
| | 22 | | 1315 | 1290 | 1265 | 1235 | 1210 | 1185 | 1160 | 1135 | 1110 | 1085 |
| | 23 | High Cooling | 1345 | 1320 | 1295 | 1270 | 1245 | 1215 | 1190 | 1165 | 1140 | 1115 |
| | 24 | | 1385 | 1360 | 1335 | 1310 | 1285 | 1260 | 1235 | 1215 | 1180 | 1140 |
| | 25 | | 1470 | 1445 | 1415 | 1375 | 1340 | 1300 | 1260 | 1225 | 1180 | 1140 |

| Unit Size | Airflow Setting | Default Setting | External Static Pressure (in. w.c.) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |
| 48070V17 | 1 | Cont. Fan | 565 | 480 | 395 | 325 | 260 | 180 | - | - | - | - |
| | 2 | | 620 | 545 | 470 | 395 | 330 | 265 | 195 | 140 | - | - |
| | 3 | | 695 | 630 | 560 | 495 | 425 | 360 | 305 | 245 | 175 | - |
| | 4 | | 765 | 700 | 640 | 575 | 515 | 455 | 395 | 345 | 285 | 225 |
| | 5 | | 825 | 770 | 710 | 650 | 595 | 535 | 480 | 420 | 375 | 325 |
| | 6 | | 885 | 830 | 775 | 720 | 665 | 610 | 555 | 505 | 450 | 405 |
| | 7 | | 960 | 910 | 860 | 810 | 755 | 705 | 655 | 600 | 550 | 500 |
| | 8 | | 1030 | 980 | 935 | 885 | 835 | 785 | 740 | 690 | 645 | 595 |
| | 9 | | 1095 | 1050 | 1005 | 960 | 915 | 865 | 820 | 775 | 730 | 685 |
| | 10 | Low Heating | 1130 | 1080 | 1035 | 995 | 950 | 905 | 860 | 815 | 770 | 725 |
| | 11 | | 1175 | 1130 | 1085 | 1045 | 1000 | 960 | 915 | 870 | 830 | 785 |
| | 12 | High Heating | 1245 | 1200 | 1160 | 1120 | 1080 | 1040 | 1000 | 955 | 915 | 875 |
| | 13 | | 1270 | 1230 | 1190 | 1150 | 1110 | 1070 | 1030 | 990 | 950 | 910 |
| | 14 | | 1315 | 1275 | 1235 | 1195 | 1155 | 1120 | 1080 | 1040 | 1000 | 960 |
| | 15 | Low Cooling | 1355 | 1315 | 1275 | 1240 | 1200 | 1165 | 1125 | 1090 | 1050 | 1010 |
| | 16 | | 1395 | 1355 | 1315 | 1280 | 1240 | 1205 | 1170 | 1135 | 1095 | 1060 |
| | 17 | | 1470 | 1430 | 1395 | 1360 | 1325 | 1285 | 1255 | 1220 | 1185 | 1150 |
| | 18 | | 1510 | 1475 | 1440 | 1405 | 1370 | 1335 | 1300 | 1265 | 1235 | 1200 |
| | 19 | | 1550 | 1515 | 1480 | 1445 | 1410 | 1375 | 1345 | 1310 | 1280 | 1245 |
| | 20 | | 1590 | 1555 | 1520 | 1490 | 1455 | 1420 | 1385 | 1355 | 1325 | 1290 |
| | 21 | | 1630 | 1595 | 1560 | 1530 | 1495 | 1460 | 1430 | 1395 | 1365 | 1335 |
| | 22 | | 1665 | 1630 | 1600 | 1565 | 1535 | 1500 | 1470 | 1440 | 1410 | 1380 |
| | 23 | | 1720 | 1685 | 1655 | 1620 | 1590 | 1560 | 1525 | 1495 | 1465 | 1435 |
| | 24 | | 1775 | 1745 | 1710 | 1680 | 1650 | 1620 | 1585 | 1555 | 1525 | 1480 |
| | 25 | High Cooling | 1845 | 1810 | 1780 | 1750 | 1715 | 1665 | 1620 | 1570 | 1525 | 1480 |
| 48090V17 | 1 | Cont. Fan | 660 | 580 | 480 | 410 | 340 | 265 | 210 | 150 | - | - |
| | 2 | | 700 | 625 | 525 | 455 | 395 | 320 | 255 | 205 | 145 | - |
| | 3 | | 750 | 685 | 585 | 520 | 460 | 395 | 325 | 270 | 220 | 165 |
| | 4 | | 805 | 740 | 670 | 580 | 520 | 465 | 405 | 335 | 280 | 235 |
| | 5 | | 855 | 795 | 730 | 640 | 580 | 520 | 465 | 405 | 345 | 295 |
| | 6 | | 900 | 845 | 785 | 695 | 635 | 580 | 525 | 470 | 410 | 355 |
| | 7 | | 945 | 890 | 835 | 770 | 685 | 630 | 575 | 530 | 475 | 415 |
| | 8 | | 975 | 925 | 865 | 810 | 725 | 665 | 615 | 565 | 515 | 460 |
| | 9 | | 1015 | 965 | 915 | 860 | 775 | 715 | 665 | 615 | 570 | 520 |
| | 10 | Low Heating | 1070 | 1020 | 970 | 920 | 865 | 785 | 730 | 680 | 630 | 590 |
| | 11 | | 1130 | 1085 | 1040 | 990 | 945 | 865 | 805 | 755 | 710 | 665 |
| | 12 | | 1170 | 1125 | 1080 | 1030 | 985 | 930 | 855 | 805 | 760 | 710 |
| | 13 | Low Cooling | 1200 | 1155 | 1115 | 1070 | 1020 | 975 | 900 | 845 | 800 | 755 |
| | 14 | High Heating | 1240 | 1200 | 1160 | 1115 | 1070 | 1025 | 980 | 905 | 855 | 810 |
| | 15 | | 1260 | 1220 | 1180 | 1140 | 1095 | 1050 | 1005 | 935 | 880 | 840 |
| | 16 | | 1295 | 1255 | 1215 | 1175 | 1130 | 1090 | 1045 | 980 | 925 | 880 |
| | 17 | | 1325 | 1285 | 1250 | 1210 | 1170 | 1125 | 1085 | 1035 | 965 | 920 |
| | 18 | | 1360 | 1325 | 1285 | 1245 | 1210 | 1165 | 1125 | 1085 | 1015 | 960 |
| | 19 | | 1395 | 1360 | 1320 | 1285 | 1245 | 1205 | 1165 | 1125 | 1075 | 1010 |
| | 20 | | 1430 | 1390 | 1355 | 1320 | 1285 | 1245 | 1205 | 1165 | 1125 | 1060 |
| | 21 | | 1460 | 1425 | 1390 | 1355 | 1320 | 1280 | 1245 | 1205 | 1165 | 1115 |
| | 22 | | 1500 | 1465 | 1430 | 1395 | 1360 | 1320 | 1285 | 1245 | 1210 | 1170 |
| | 23 | | 1535 | 1500 | 1465 | 1430 | 1400 | 1360 | 1325 | 1290 | 1255 | 1215 |
| | 24 | | 1575 | 1540 | 1505 | 1475 | 1440 | 1405 | 1370 | 1335 | 1285 | 1225 |
| | 25 | High Cooling | 1615 | 1580 | 1545 | 1515 | 1480 | 1450 | 1410 | 1350 | 1285 | 1225 |

| Unit Size | Airflow Setting | Default Setting | External Static Pressure (in. w.c.) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |
| 60090V21 | 1 | Cont. Fan | 780 | 660 | 545 | 440 | 330 | 210 | - | - | - | - |
| | 2 | | 860 | 740 | 645 | 535 | 440 | 340 | 220 | - | - | - |
| | 3 | | 930 | 820 | 725 | 625 | 530 | 440 | 350 | 230 | - | - |
| | 4 | | 1030 | 930 | 835 | 755 | 655 | 570 | 485 | 400 | 310 | 185 |
| | 5 | | 1125 | 1035 | 935 | 860 | 785 | 690 | 610 | 530 | 450 | 370 |
| | 6 | | 1210 | 1125 | 1035 | 955 | 880 | 805 | 725 | 645 | 570 | 495 |
| | 7 | | 1285 | 1210 | 1125 | 1040 | 975 | 905 | 830 | 750 | 675 | 610 |
| | 8 | | 1385 | 1310 | 1235 | 1150 | 1085 | 1020 | 955 | 885 | 815 | 745 |
| | 9 | | 1475 | 1410 | 1340 | 1265 | 1190 | 1130 | 1065 | 1010 | 940 | 875 |
| | 10 | Low Heating | 1565 | 1500 | 1435 | 1365 | 1290 | 1230 | 1175 | 1115 | 1060 | 995 |
| | 11 | | 1670 | 1605 | 1550 | 1485 | 1415 | 1350 | 1295 | 1240 | 1180 | 1130 |
| | 12 | High Heating/Low Cooling | 1720 | 1660 | 1605 | 1540 | 1475 | 1410 | 1350 | 1300 | 1245 | 1195 |
| | 13 | | 1765 | 1710 | 1655 | 1595 | 1530 | 1465 | 1405 | 1355 | 1305 | 1255 |
| | 14 | | 1815 | 1760 | 1705 | 1650 | 1585 | 1525 | 1460 | 1410 | 1360 | 1310 |
| | 15 | | 1860 | 1805 | 1755 | 1700 | 1640 | 1580 | 1515 | 1465 | 1415 | 1370 |
| | 16 | | 1915 | 1865 | 1815 | 1760 | 1705 | 1645 | 1585 | 1530 | 1480 | 1435 |
| | 17 | | 1970 | 1915 | 1865 | 1815 | 1760 | 1705 | 1645 | 1590 | 1540 | 1495 |
| | 18 | | 2020 | 1965 | 1920 | 1870 | 1820 | 1765 | 1710 | 1650 | 1605 | 1560 |
| | 19 | | 2070 | 2025 | 1975 | 1930 | 1880 | 1830 | 1775 | 1720 | 1670 | 1625 |
| | 20 | | 2120 | 2075 | 2030 | 1985 | 1935 | 1885 | 1835 | 1785 | 1730 | 1685 |
| | 21 | | 2170 | 2125 | 2080 | 2035 | 1990 | 1945 | 1895 | 1845 | 1795 | 1750 |
| | 22 | | 2220 | 2175 | 2130 | 2090 | 2045 | 2000 | 1955 | 1910 | 1860 | 1815 |
| | 23 | High Cooling | 2270 | 2225 | 2185 | 2145 | 2100 | 2055 | 2015 | 1970 | 1920 | 1875 |
| | 24 | | 2355 | 2315 | 2275 | 2240 | 2200 | 2160 | 2115 | 2075 | 2020 | 1965 |
| | 25 | | 2470 | 2425 | 2385 | 2335 | 2285 | 2230 | 2175 | 2115 | 2050 | 1985 |
| 66110V21 | 1 | Cont. Fan | 815 | 690 | 580 | 475 | 375 | 285 | 190 | - | - | - |
| | 2 | | 890 | 780 | 670 | 570 | 475 | 385 | 300 | 215 | 135 | - |
| | 3 | | 1000 | 900 | 800 | 700 | 615 | 525 | 440 | 360 | 285 | 210 |
| | 4 | | 1100 | 1005 | 910 | 820 | 735 | 650 | 570 | 490 | 415 | 350 |
| | 5 | | 1190 | 1105 | 1015 | 930 | 840 | 765 | 685 | 610 | 535 | 465 |
| | 6 | | 1280 | 1195 | 1110 | 1025 | 945 | 865 | 795 | 725 | 645 | 575 |
| | 7 | | 1385 | 1305 | 1225 | 1150 | 1070 | 995 | 920 | 860 | 790 | 720 |
| | 8 | | 1480 | 1405 | 1335 | 1260 | 1190 | 1120 | 1045 | 975 | 920 | 850 |
| | 9 | | 1575 | 1505 | 1435 | 1365 | 1295 | 1230 | 1165 | 1095 | 1030 | 975 |
| | 10 | Low Heating | 1685 | 1620 | 1555 | 1485 | 1420 | 1360 | 1295 | 1230 | 1165 | 1105 |
| | 11 | Low Cooling | 1785 | 1725 | 1660 | 1600 | 1535 | 1475 | 1415 | 1355 | 1300 | 1235 |
| | 12 | | 1880 | 1825 | 1765 | 1705 | 1645 | 1590 | 1530 | 1470 | 1415 | 1365 |
| | 13 | High Heating | 1935 | 1880 | 1825 | 1765 | 1710 | 1650 | 1595 | 1545 | 1490 | 1435 |
| | 14 | | 1995 | 1940 | 1885 | 1825 | 1770 | 1715 | 1660 | 1605 | 1555 | 1505 |
| | 15 | | 2010 | 1960 | 1905 | 1850 | 1790 | 1740 | 1685 | 1630 | 1580 | 1530 |
| | 16 | | 2060 | 2005 | 1950 | 1900 | 1840 | 1790 | 1735 | 1685 | 1635 | 1585 |
| | 17 | | 2095 | 2045 | 1990 | 1940 | 1885 | 1835 | 1780 | 1730 | 1680 | 1635 |
| | 18 | | 2140 | 2090 | 2040 | 1990 | 1935 | 1885 | 1835 | 1790 | 1740 | 1695 |
| | 19 | | 2190 | 2145 | 2095 | 2045 | 1995 | 1940 | 1895 | 1850 | 1805 | 1755 |
| | 20 | | 2250 | 2205 | 2155 | 2105 | 2055 | 2010 | 1960 | 1915 | 1870 | 1830 |
| | 21 | High Cooling | 2305 | 2260 | 2215 | 2165 | 2120 | 2075 | 2030 | 1985 | 1940 | 1900 |
| | 22 | | 2355 | 2305 | 2260 | 2220 | 2175 | 2130 | 2085 | 2040 | 2000 | 1960 |
| | 23 | | 2400 | 2355 | 2315 | 2270 | 2230 | 2185 | 2145 | 2100 | 2060 | 2015 |
| | 24 | | 2460 | 2420 | 2375 | 2335 | 2290 | 2250 | 2205 | 2150 | 2100 | 2045 |
| | 25 | | 2515 | 2470 | 2430 | 2385 | 2345 | 2290 | 2230 | 2170 | 2110 | 2050 |

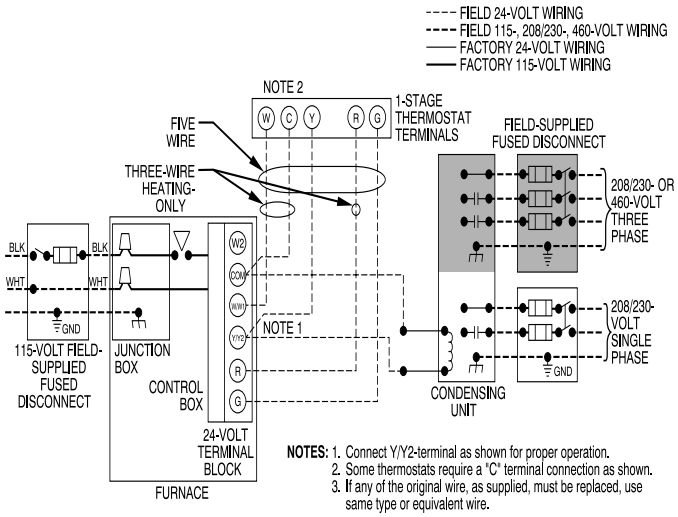
| Unit Size | Airflow Setting | Default Setting | External Static Pressure (in. w.c.) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |
| 66135V24 | 1 | Cont. Fan | 810 | 695 | 595 | 475 | 365 | 260 | 130 | - | - | - |
| | 2 | | 915 | 805 | 710 | 610 | 505 | 405 | 305 | 195 | - | - |
| | 3 | | 980 | 880 | 785 | 700 | 590 | 490 | 400 | 310 | 200 | - |
| | 4 | | 1075 | 980 | 885 | 805 | 725 | 620 | 530 | 445 | 360 | 270 |
| | 5 | | 1160 | 1070 | 980 | 900 | 830 | 745 | 650 | 565 | 480 | 405 |
| | 6 | | 1240 | 1160 | 1070 | 990 | 920 | 845 | 765 | 680 | 595 | 520 |
| | 7 | | 1295 | 1215 | 1135 | 1050 | 980 | 915 | 845 | 755 | 670 | 595 |
| | 8 | | 1345 | 1265 | 1190 | 1105 | 1035 | 970 | 900 | 825 | 745 | 665 |
| | 9 | | 1435 | 1365 | 1290 | 1215 | 1145 | 1080 | 1020 | 950 | 880 | 800 |
| | 10 | | 1460 | 1390 | 1315 | 1240 | 1170 | 1105 | 1045 | 980 | 910 | 835 |
| | 11 | | 1545 | 1480 | 1410 | 1340 | 1270 | 1205 | 1140 | 1085 | 1020 | 960 |
| | 12 | | 1630 | 1565 | 1495 | 1430 | 1365 | 1300 | 1240 | 1180 | 1125 | 1065 |
| | 13 | Low Cooling | 1730 | 1670 | 1605 | 1545 | 1480 | 1415 | 1355 | 1295 | 1240 | 1185 |
| | 14 | Low Heating | 1820 | 1765 | 1705 | 1645 | 1585 | 1525 | 1465 | 1410 | 1350 | 1300 |
| | 15 | | 1855 | 1800 | 1740 | 1680 | 1625 | 1565 | 1505 | 1450 | 1395 | 1340 |
| | 16 | | 1925 | 1870 | 1815 | 1755 | 1700 | 1645 | 1590 | 1530 | 1475 | 1420 |
| | 17 | High Heating | 1965 | 1915 | 1860 | 1800 | 1750 | 1700 | 1640 | 1585 | 1530 | 1480 |
| | 18 | | 2015 | 1965 | 1910 | 1855 | 1800 | 1750 | 1700 | 1640 | 1585 | 1540 |
| | 19 | | 2095 | 2045 | 1990 | 1940 | 1890 | 1840 | 1790 | 1735 | 1680 | 1630 |
| | 20 | | 2145 | 2095 | 2045 | 1995 | 1945 | 1895 | 1845 | 1795 | 1735 | 1685 |
| | 21 | | 2220 | 2170 | 2120 | 2075 | 2025 | 1975 | 1930 | 1880 | 1825 | 1770 |
| | 22 | High Cooling | 2300 | 2255 | 2205 | 2165 | 2115 | 2070 | 2020 | 1975 | 1925 | 1875 |
| | 23 | | 2375 | 2325 | 2280 | 2235 | 2190 | 2145 | 2100 | 2050 | 2005 | 1955 |
| | 24 | | 2450 | 2405 | 2360 | 2320 | 2270 | 2225 | 2185 | 2135 | 2060 | 1985 |
| | 25 | | 2505 | 2460 | 2415 | 2370 | 2325 | 2270 | 2205 | 2135 | 2060 | 1985 |

**Airflow Settings**

| | Default Airflow Settings* | | | | Designated Airflow Settings | | |
|---|---|---|---|---|---|---|---|
| **Unit Size** | **High Heating** | **Low Heating** | **High Cooling** | **Low Cooling** | **High Heating** | **Low Heating** | **Constant Fan** |
| 36045V14 | 7 | 5 | 23 | 13 | (3 - 11) | (3 - 8) | (1 - 9) |
| 36070V14 | 15 | 6 | 23 | 13 | (10 - 19) | (3 - 10) | (1 - 9) |
| 48070V17 | 12 | 10 | 25 | 15 | (7 - 16) | (4 - 12) | (1 - 5) |
| 48090V17 | 14 | 8 | 25 | 13 | (8 - 21) | (3 - 11) | (1 - 10) |
| 60090V21 | 12 | 10 | 23 | 12 | (7 - 17) | (3 - 12) | (1 - 9) |
| 66110V21 | 13 | 10 | 21 | 11 | (9 - 19) | (5 - 12) | (1 - 8) |
| 66135V24 | 17 | 14 | 22 | 13 | (11 - 22) | (7 - 15) | (1 - 9) |

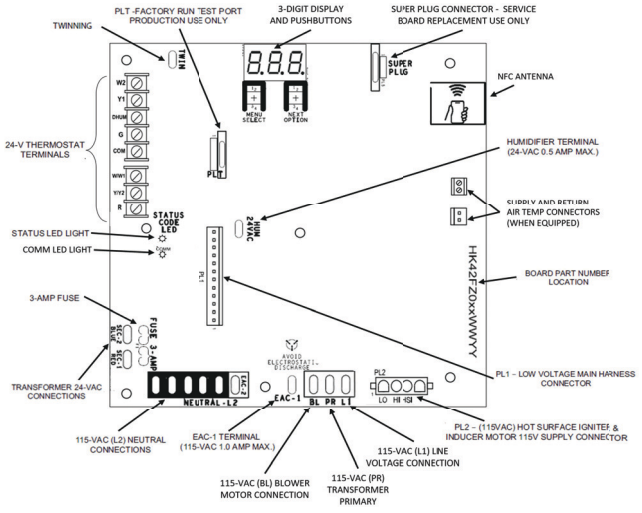
*. Setting #1 is the default setting for Constant Fan

## TYPICAL WIRING SCHEMATIC



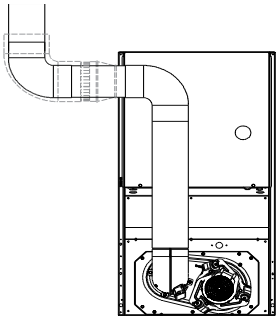

A95236

## FURNACE CONTROL BOARD



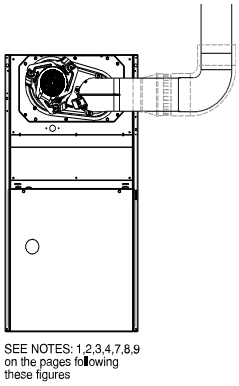

A221519

# VENTING CONFIGURATIONS



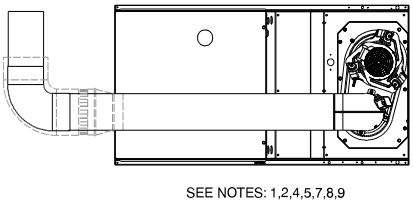

A03210

Downflow Application-Vent Elbow Up then Left



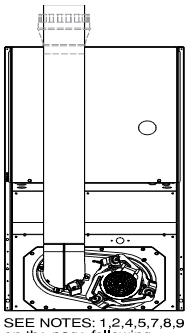

A03209

Upflow Application-Vent Elbow Right



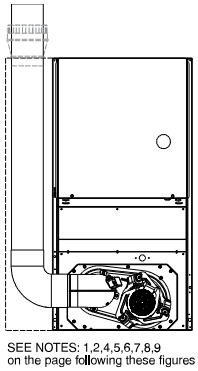

A02068

Horizontal Right Application-Vent Elbow Left



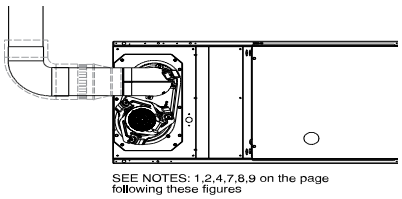

A03211

Downflow Application-Vent Elbow Up



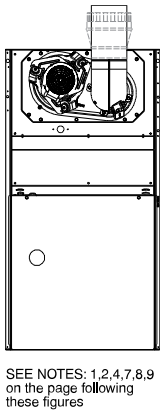

A03207

Downflow Application-Vent Elbow Left then Up



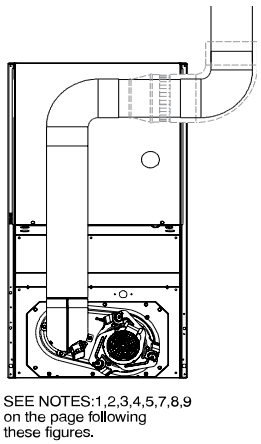

A03213

Horizontal Left Application-Vent Elbow Left



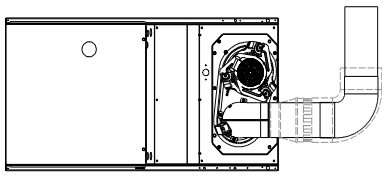

A03208

Upflow Application-Vent Elbow Up




A03212

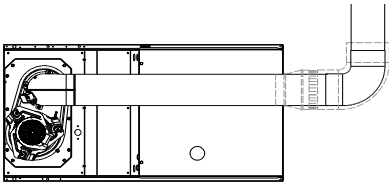
Downflow Application-Vent Elbow Up then Right



SEE NOTES: 1,2,4,7,8,9 on the page following these figures

A03218

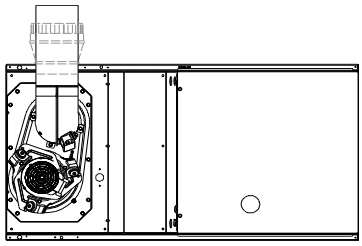
Horizontal Right Application-Vent Elbow Right



SEE NOTES: 1,2,4,5,7,8,9 on the page following these figures

A03216

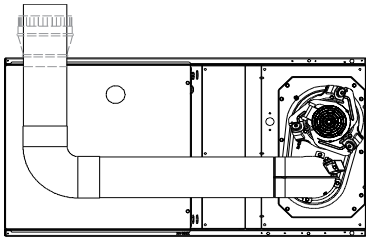
Horizontal Left Application-Vent Elbow Right



SEE NOTES: 1,2,4,5,7,8,9 on the page following these figures

A03215

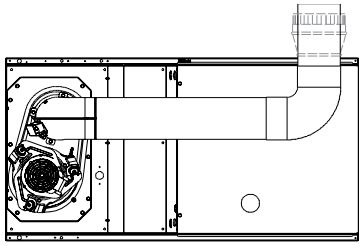
Horizontal Left Application-Vent Elbow Up



SEE NOTES: 1,2,4,5,7,8,9 on the page following these figures

A03219

Horizontal Right Application-Vent Elbow Left then Up



SEE NOTES: 1,2,4,5,7,8,9 on the page following these figures

A03214

Horizontal Left Application-Vent Elbow Right then Up

## Venting notes

1. For common vent, vent connector sizing and vent material: United States, latest edition of the National Fuel Gas Code (NFGC), ANSI Z223.1/NFPA 54.
2. Immediately increase to 5-in. (127 mm) vent connector outside furnace casing when 5-in. (127 mm) vent connector required, refer to Note 1.
3. Side outlet vent for upflow and downflow installations must use Type B vent immediately after exiting the furnace, except when Downflow Vent Guard is used in downflow position.
4. Type B vent where required, refer to Note 1.
5. 4-in. (102 mm) single wall vent must be used inside furnace casing and the Downflow Vent Guard Kit.
6. Accessory Downflow Vent Guard Kit, required in downflow installations with bottom vent configuration.
7. Chimney Adapter Kit required for exterior masonry chimney applications. Refer to Chimney Adapter Kits for sizing and complete application details.
8. Secure vent connector to furnace elbow with (2) corrosion-resistant sheet metal screws, space approximately 180° apart.
9. Secure all other single wall vent connector joints with (3) corrosion-resistant screws spaced approximately 120° apart. Secure Type B vent connectors per vent connector manufacturer's recommendations.

# ACCESSORIES

| PART NO. | DESCRIPTION | 36045V14 | 36070V14 | 48070V17 | 48090V17 | 60090V21 | 66110V21 | 66135V24 |
|---|---|---|---|---|---|---|---|---|
| ACG1425NCB* | External Filter Rack, 14-1/2 x 25” | X | X | - | - | - | - | - |
| ACG1625NCF* | External Filter Rack, 16 x 25” | - | - | X | X | - | - | - |
| ACG2025NCJ* | External Filter Rack, 20 x 25”* | - | - | - | - | X | X | - |
| ACG2424NCL* | External Filter Rack, 24-1/2 x 24”* | - | - | - | - | - | - | X |
| 325531-402* | Washable filter, 3/4” x 16” x 25”* | X | X | X | X | - | - | - |
| 325531-403* | Washable filter, 3/4” x 21” x 25”* | - | - | - | - | X | X | - |
| 325531-404* | Washable filter, 3/4” x 24” x 25”* | - | - | - | - | - | - | X |
| KGACA02014FC | Chimney Adapter Kit, up to or equal to 110K BTUh | X | X | X | X | X | X | X |
| KGACA02015FC | Chimney Adapter Kit, greater than or equal to 135K BTUh | - | - | - | - | - | X | X |
| KGAFE0112UPH | Flue Extension | X | X | X | X | X | X | X |
| KGAVE0101DNH | Vent Extension Kit | X | X | X | X | X | X | X |
| KGASB0201ALL | Combustible Floor Base (Not required when evaporator coil case is used for downflow) | X | X | X | X | X | X | X |
| KGBVG0101DFG | Downflow Vent Guard (Not required when vent is routed through cabinet) | X | X | X | X | X | X | X |
| AGAGC8NPS01C* | Natural-to-Propane Conversion Kit† | X | X | X | X | X | X | X |
| AGAGC8PNS01C* | Propane-to-Natural Conversion Kit† | X | X | X | X | X | X | X |
| AGATWNDTE01C | Twinning Kit VCT-ECM Motor | - | - | X | X | X | X | X |
| KGAHA5801PSW | High Altitude Pressure Switch Kit | X | X | X | X | X | X | X |

*. Purchased through Replacement Components
†. Factory-authorized and field installed. Fuel conversion kits are CSA (formerly AGA/CGA) recognized.
X = Accessory

| ORIFICES | | |
|---|---|---|
| Gas Orifice Kit - #42 (Nat Gas) | LH32DB207 | See Installation Instructions for model, altitude, and heat value usages. |
| Gas Orifice Kit - #43 (Nat Gas) | LH32DB202 | |
| Gas Orifice Kit - #44 (Nat Gas) | LH32DB200 | |
| Gas Orifice Kit - #45 (Nat Gas) | LH32DB205 | |
| Gas Orifice Kit - #46 (Nat Gas) | LH32DB208 | |
| Gas Orifice Kit - #47 (Nat Gas) | LH32DB078 | |
| Gas Orifice Kit - #48 (Nat Gas) | LH32DB076 | |
| Gas Orifice Kit - #54 (LP) | LH32DB203 | |
| Gas Orifice Kit - #55 (LP) | LH32DB201 | |
| Gas Orifice Kit - #56 (LP) | LH32DB206 | |
| Gas Orifice Kit - 1.25mm (LP) | LH32DB209 | |
| Gas Orifice Kit - 1.30mm (LP) | LH32DB210 | |

| DESCRIPTION | ACCESSORY |
|---|---|
| HUMIDIFIER | Model HUM |
| HEAT RECOVERY VENTILATOR | Model HRV |
| ENERGY RECOVERY VENTILATOR | Model ERV |
| UV LIGHTS | Model UVL |

- Bryant has a wide variety of thermostats for your system, please visit www.Bryant.com to see all thermostat and IAQ products.

| DESCRIPTION | ACCESSORY | 14” | 17” | 21” | 24” |
|---|---|---|---|---|---|
| Bryant Carbon Monoxide Alarm (10 pack) | COALMBBNRB02-A10 | X | X | X | X |
| Bryant Evolution Air Purifier - 16x25 (407x635 mm) | DGAPAXX1625 | X | X | - | - |
| Bryant Evolution Air Purifier - 20x25 (508x635 mm) | DGAPAXX2025 | - | - | X | X |
| Bryant Evolution Air Purifier Repl. Filter- 16x25 (407x635 mm) | GAPBBCAR1625-A05 | X | X | - | - |
| Bryant Evolution Air Purifier Repl. Filter- 20x25 (508x635 mm) | GAPBBCAR2025-A05 | - | - | X | X |
| Cartridge Media Filter - 16” (407 mm) (MERV 11) | FILXXCAR0116 | X | X | - | - |
| Cartridge Media Filter - 16” (407 mm) (MERV 8) | FILXXCAR0016 | X | X | - | - |
| Cartridge Media Filter - 20” (508 mm) (MERV 8) | FILXXCAR0020 | - | - | X | - |
| Cartridge Media Filter - 20” (508 mm) (MERV11) | FILXXCAR0120 | - | - | X | - |
| Cartridge Media Filter - 24” (610 mm) (MERV 8) | FILXXCAR0024 | - | - | - | X |
| Cartridge Media Filter - 24” (610 mm) (MERV11) | FILXXCAR0124 | - | - | - | X |
| EZ Flex Cabinet Side or Bottom - 16” | EZXCABCR0016 | X | X | - | - |
| EZ Flex Cabinet Side or Bottom - 20” | EZXCABCR0020 | - | - | X | X |
| EZ Flex Replacement Filters 16” MERV 10 | EXPXXFIL0016 | X | X | - | - |
| EZ Flex Replacement Filters 16” MERV 13 | EXPXXFIL0316 | X | X | - | - |
| EZ Flex Replacement Filters 20” MERV 10 | EXPXXFIL0020 | - | - | X | - |
| EZ Flex Replacement Filters 20” MERV 13 | EXPXXFIL0320 | - | - | X | - |
| EZ Flex Replacement Filters 24” MERV 10 | EXPXXFIL0024 | - | - | - | X |
| EZ Flex Replacement Filters 24” MERV 13 | EXPXXFIL0324 | - | - | - | X |
| EZ-Flex Filter with End Caps - 16” (407 mm) (MERV 10) | EXPXXUNV0016 | X | X | - | - |
| EZ-Flex Filter with End Caps - 16” (407 mm) (MERV 13) | EXPXXUNV0316 | X | X | - | - |
| EZ-Flex Filter with End Caps - 20” (508 mm) (MERV 10) | EXPXXUNV0020 | - | - | X | - |
| EZ-Flex Filter with End Caps - 20” (508 mm) (MERV 13) | EXPXXUNV0320 | - | - | X | - |
| EZ-Flex Filter with End Caps - 24” (610 mm) (MERV 10) | EXPXXUNV0024 | - | - | - | X |
| EZ-Flex Filter with End Caps - 24” (610 mm) (MERV 13) | EXPXXUNV0324 | - | - | - | X |
| Media Filter Cabinet - 20” | FILCABXL0020 | - | - | X | - |
| Media Filter Cabinet - 24” | FILCABXL0024 | - | - | - | X |
| Media Filter Cabinet -16” | FILCABXL0016 | X | X | - | - |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Replaces: NEW