

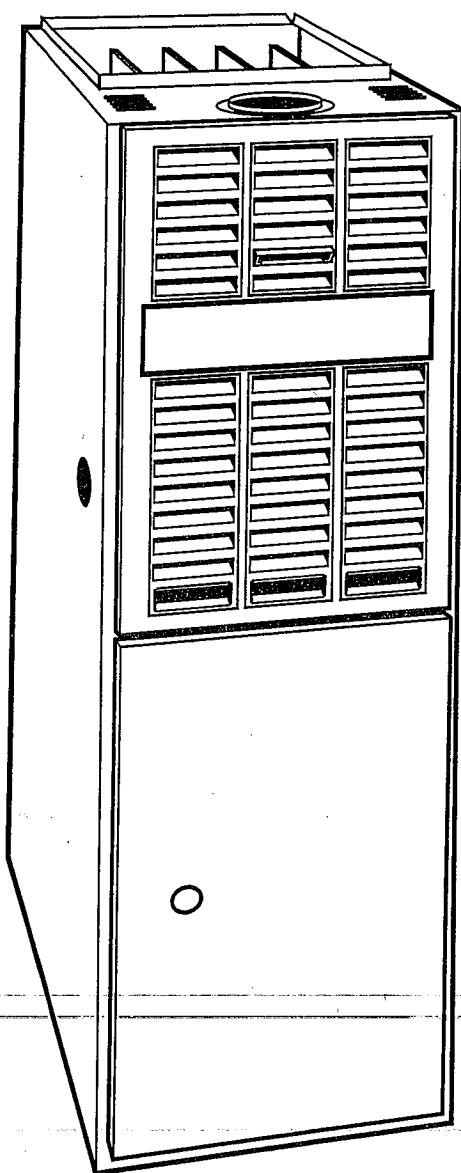


Heating & Cooling

## HIGH-EFFICIENCY 2-SPEED UPFLOW INDUCED- COMBUSTION FURNACE

# 330AAV

Sizes 040 thru 135  
Series A



With a unique approach to induced-combustion design, a 40-in. tall cabinet, a 4-pass heat exchanger, an inshot burner system and its safety features, this furnace is without peer. The model 330AAV Two-Speed Upflow Furnace achieves one of the higher Annual Fuel Utilization Efficiency (AFUE) ratings available in a noncondensing, induced-combustion furnace. Its ease and economy of installation, ease of serviceability, economical initial cost, and short payback time put it in a class well ahead of the competition. The model 330AAV Two-Speed Gas Furnace has the kind of overall performance needed in today's homes.

### FEATURES

**EFFICIENCY** — The 330AAV Two-Speed Induced-Combustion Gas Furnace provides the efficiency customers want with 80.0% AFUE.

**HOT SURFACE IGNITION** — No pilot to waste gas with this field proven ignition system.

**ALUMINIZED HEAT EXCHANGER** — The patented 4-pass heat exchanger is made of aluminized steel and backed by a 20-year Limited Warranty.

**INTELLIGENT CONTROL** — The 330AAV Furnace has an intelligent control that monitors the operation of the furnace. This control also has a component-test feature that enables the servicing technician to verify operation of the control, the high and low inducer, the hot surface ignitor, and high-, medium- and low-speed blower operation. The control features a 3-amp fuse that protects the transformer and control. We guarantee the reliability of the control with a 3-year Limited Warranty.

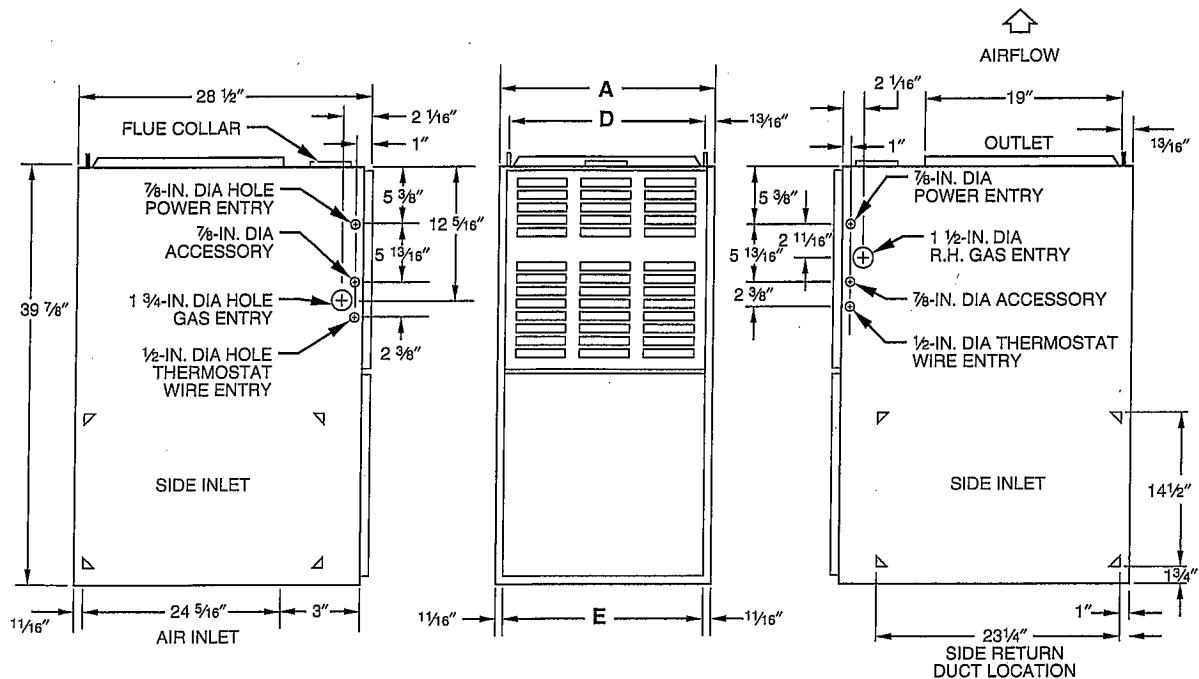
**40-IN. HEIGHT** — The 330AAV Furnace cabinet height is only 40 in. This simplifies installation in alcoves, attics, basements (ideal for short basement), closets, and utility rooms, especially with a taller high-efficiency cooling coil.

**PREPAINTED CABINET** — The 330AAV uses prepainted sheet metal for the cabinet. This is the same high-quality finish found on refrigerators and other appliances today. We ensure its durability by using a galvanized steel substrate to provide superior rust protection.

**PATENTED DRAFT SAFEGUARD** — Our induced-combustion furnace has a patented draft safeguard switch. The safeguard switch will stop furnace operation if the vent system becomes blocked or is not operating properly. An exclusive with the 330AAV Furnace.

**EASY INSTALLATION** — The model 330AAV has many features that make installation easier: left or right gas and electrical connections, heating and cooling blower speed selector, matching coil sizes, accessory low-voltage connections, and many more.

**QUIET OPERATION** — A soft mount inducer assembly and 2-stage slow-opening gas valve reduce sound level. The 2-speed operation capability minimizes furnace and air noise for total home comfort.



NOTE: 2 additional 7/8 In. Dia knockouts are located in the top plate.

NOTES: Minimum return-air opening at furnace:

1. For 800 CFM—16-in. round or 14 1/2 x 12-in. rectangle.
2. For 1200 CFM—20-in. round or 14 1/2 x 19 1/2-in. rectangle.
3. For 1600 CFM—22-in. round or 14 1/2 x 23 1/4-in. rectangle.
4. For airflow requirements above 1800 CFM, use both side inlets, a combination of 1 side inlet and the bottom, or the bottom only.

A88367

### DIMENSIONS (In.)

| UNIT SIZE | A       | D       | E        | VENT CONNECTION* | SHIPPING WEIGHT |
|-----------|---------|---------|----------|------------------|-----------------|
| 036040    | 14-3/16 | 12-9/16 | 12-11/16 | 4                | 124             |
| 024060    | 14-3/16 | 12-9/16 | 12-11/16 | 4                | 132             |
| 036060    | 14-3/16 | 12-9/16 | 12-11/16 | 4                | 134             |
| 042080    | 17-1/2  | 15-7/8  | 16       | 4                | 150             |
| 048080    | 21      | 19-3/8  | 19-1/2   | 4                | 154             |
| 036100    | 17-1/2  | 15-7/8  | 16       | 4                | 160             |
| 048100    | 21      | 19-3/8  | 19-1/2   | 4                | 166             |
| 060100    | 24-1/2  | 22-7/8  | 23       | 4                | 184             |
| 048120    | 21      | 19-3/8  | 19-1/2   | 5                | 178             |
| 060120    | 24-1/2  | 22-7/8  | 23       | 5                | 194             |
| 060135    | 24-1/2  | 22-7/8  | 23       | 5                | 204             |

\*Refer-to-the-furnace-Installation-Instructions-for-proper-venting-procedures.

### CLEARANCES (In.)

| UNIT SIZE                        | 040 AND 060 | 080—135 |
|----------------------------------|-------------|---------|
| Furnace Sides — Single-Wall Vent | 1           | 0       |
| Type B-1 Double-Wall Vent        | 0           | 0       |
| Furnace Back                     | 0           | 0       |
| Top of Plenum                    | 1           | 1       |
| Vent Connector — Single-Wall     | 6           | 6       |
| Type B-1 Double-Wall Vent        | 1           | 1       |
| Furnace Front* — Single-Wall     | 6           | 6       |
| Type B-1 Double-Wall Vent        | 3           | 3       |
| Service                          | 30          | 30      |

\* A minimum 3-in. front clearance is needed for combustion-air and ventilation-air entry.

## SPECIFICATIONS

| UNIT SIZE                                       |                             | 036040                                   | 024060    | 036060    | 042080    | 048080          |
|-------------------------------------------------|-----------------------------|------------------------------------------|-----------|-----------|-----------|-----------------|
| RATINGS AND PERFORMANCE                         |                             |                                          |           |           |           |                 |
| Gas Input (Btuh)*                               | High Stage                  | 40,000                                   | 60,000    | 60,000    | 80,000    | 80,000          |
|                                                 | Low Stage                   | 26,000                                   | 39,000    | 39,000    | 52,000    | 52,000          |
| Output Capacity (Btuh)†                         | High Stage                  | 32,000                                   | 49,000    | 48,000    | 65,000    | 65,000          |
|                                                 | Low Stage                   | 21,000                                   | 31,000    | 31,000    | 42,000    | 42,000          |
| Nonweatherized ICS                              |                             |                                          |           |           |           |                 |
| AFUE%‡                                          | Nonweatherized ICS          | 80.0                                     | 80.0      | 80.0      | 80.0      | 80.0            |
| Certified Temperature Rise Range (°F)           | High Stage                  | 15—45                                    | 45—75     | 25—55     | 35—65     | 30—60           |
|                                                 | Low Stage                   | 5—35                                     | 30—60     | 15—45     | 20—50     | 15—45           |
| Certified External Static Pressure              | Heat/Cool                   | 0.10/0.50                                | 0.12/0.50 | 0.12/0.50 | 0.15/0.50 | 0.15/0.50       |
| Airflow CFM‡                                    | Heating High/Low            | 1255/1070                                | 740/600   | 1175/1025 | 1150/960  | 1445/1260       |
|                                                 | Cooling                     | 1270                                     | 880       | 1300      | 1335      | 1740            |
| ELECTRICAL                                      |                             |                                          |           |           |           |                 |
| Unit Volts—Hertz—Phase                          |                             | 115—60—1                                 |           |           |           |                 |
| Operating Voltage Range                         |                             | 104—127                                  |           |           |           |                 |
| Maximum Unit Amps                               |                             | 10.9                                     | 8.2       | 11.4      | 11.7      | 13.5            |
| Maximum Wire Length (Measured 1 Way) Ft         |                             | 34                                       | 45        | 32        | 31        | 27              |
| Minimum Wire Size                               |                             | 14                                       |           |           |           |                 |
| Maximum Fuse Size                               |                             | 15                                       |           |           |           |                 |
| Transformer (24v)                               |                             | 40va                                     |           |           |           |                 |
| External Control                                | Heating                     | 19va                                     |           |           |           |                 |
| Power Available                                 | Cooling                     | 35va                                     |           |           |           |                 |
| Air Conditioning Blower Relay                   |                             | Standard                                 |           |           |           |                 |
| CONTROLS                                        |                             |                                          |           |           |           |                 |
| Limit Control                                   |                             | SPST (Auto-Reset)                        |           |           |           |                 |
| Heating Blower Control                          |                             | Solid-State Time Operation               |           |           |           |                 |
| Inducer                                         |                             | 2-Speed                                  |           |           |           |                 |
| Burners (Monoport)                              |                             | 2                                        | 3         |           | 4         | 4               |
| Gas Connection Size                             |                             | 1/2-in. NPT                              |           |           |           |                 |
| GAS CONTROLS                                    |                             |                                          |           |           |           |                 |
| 2-Stage Redundant Gas Valve                     |                             | White-Rodgers                            |           |           |           |                 |
|                                                 | Min Inlet Pressure (In. wc) | 4.5 (Natural Gas)                        |           |           |           |                 |
|                                                 | Max Inlet Pressure (In. wc) | 13.6 (Natural Gas)                       |           |           |           |                 |
| Ignition Device                                 |                             | Hot Surface                              |           |           |           |                 |
| BLOWER DATA                                     |                             |                                          |           |           |           |                 |
| Direct-Drive Motor HP (PSC)                     |                             | 1/3                                      | 1/5       | 1/3       | 1/3       | 1/2             |
| Motor Full Load Amps                            |                             | 5.8                                      | 2.9       | 5.8       | 5.8       | 7.9             |
| RPM (Nominal)—Speeds                            |                             | 1075—4                                   | 1075—4    | 1075—4    | 1075—4    | 1075—4          |
| Blower Wheel Diameter x Width (In.)             |                             | 10 x 6                                   | 10 x 6    | 10 x 6    | 10 x 7    | 10 x 8          |
| Filter Size (In.)—Permanent Washable (Supplied) |                             | (1) 16 x 25 x 1                          |           |           |           | (1) 20 x 25 x 1 |
| FACTORY-AUTHORIZED DEALER-INSTALLED ACCESSORIES |                             |                                          |           |           |           |                 |
| Twinning Kit                                    |                             | N/A                                      |           |           |           | KGATW0301HSI    |
| High-Altitude Pressure Switch Kit**             |                             | KGAHA5501PSW                             |           |           |           |                 |
| Gas Conversion Kit—Natural-to-Propane           |                             | KGANP24012SP                             |           |           |           |                 |
| Gas Conversion Kit—Propane-to-Natural           |                             | KGAPN20012SP                             |           |           |           |                 |
| Side Filter Rack (Accepts 1 Filter)             |                             | KGAFR0201ALL (Filter Size 16 x 25 x 1)   |           |           |           |                 |
| Return Filter Cabinet (With Washable Filters)   |                             | KGARP0201ALL (Filter Size 2—20 x 25 x 1) |           |           |           |                 |

\* Gas input ratings are certified for elevations to 2000 ft. For elevations above 2000 ft, reduce ratings 4% for each 1000 ft above sea level. Refer to National Fuel Gas Code Table F4. In Canada, derate the unit 10% for elevations 2000 ft to 4500 ft above sea level.

† Tentative capacity in accordance with U.S. Government DOE test procedures. California Seasonal Efficiencies based on California-specified procedures.

‡ Air delivery above 1800 CFM requires that both sides, or a combination of 1 side and bottom, or bottom only of the furnace be used for return air. A filter is required for each return-air supply.

\*\* 5500 ft and higher above sea level.

ICS—Isolated Combustion System

N/A—Not Applicable



**MEETS DOE RESIDENTIAL  
CONSERVATION SERVICES  
PROGRAM STANDARDS.**

**Before purchasing this appliance, read important  
energy cost and efficiency information available  
from your retailer.**

## SPECIFICATIONS

| UNIT SIZE                                       |                             | 036100                                   | 048100         | 060100          | 048120          | 060120          | 060135    |
|-------------------------------------------------|-----------------------------|------------------------------------------|----------------|-----------------|-----------------|-----------------|-----------|
| RATINGS AND PERFORMANCE                         |                             |                                          |                |                 |                 |                 |           |
| Gas Input (Btuh) *                              | High Stage                  | 100,000                                  | 100,000        | 100,000         | 120,000         | 120,000         | 133,000   |
|                                                 | Low Stage                   | 65,000                                   | 65,000         | 65,000          | 78,000          | 78,000          | 91,000    |
| Output Capacity (Btuh)†                         | High Stage                  | 81,000                                   | 81,000         | 81,000          | 98,000          | 98,000          | 108,000   |
|                                                 | Low Stage                   | 52,000                                   | 52,000         | 52,000          | 63,000          | 63,000          | 73,000    |
| Nonweatherized ICS                              |                             |                                          |                |                 |                 |                 |           |
| AFUE%‡                                          | Nonweatherized ICS          | 80.0                                     | 80.0           | 80.0            | 80.0            | 80.0            | 80.0      |
| Certified Temperature Rise Range (°F)           | High Stage                  | 50—80                                    | 40—70          | 25—55           | 45—75           | 40—70           | 45—75     |
|                                                 | Low Stage                   | 30—60                                    | 20—50          | 15—45           | 30—60           | 25—55           | 30—60     |
| Certified External Static Pressure              | Heat/Cool                   | 0.20/0.50                                | 0.20/0.50      | 0.20/0.50       | 0.20/0.50       | 0.20/0.50       | 0.20/0.50 |
| Airflow CFM‡:                                   | Heating High/Low            | 1175/1020                                | 1410/1265      | 1720—1515       | 1415/1260       | 1730/1525       | 1695/1500 |
|                                                 | Cooling                     | 1210                                     | 1575           | 2210            | 1620            | 1980            | 1905      |
| ELECTRICAL                                      |                             |                                          |                |                 |                 |                 |           |
| Unit Volts—Hertz—Phase                          |                             | 115—60—1                                 |                |                 |                 |                 |           |
| Operating Voltage Range                         |                             | 104—127                                  |                |                 |                 |                 |           |
| Maximum Unit Amps                               |                             | 10.5                                     | 13.2           | 19.0            | 13.2            | 18.2            | 17.4      |
| Maximum Wire Length (Measured 1 Way)            | Ft                          | 35                                       | 28             | 30              | 28              | 31              | 33        |
| Minimum Wire Size                               |                             | 14                                       | 14             | 12              | 14              | 12              | 12        |
| Maximum Fuse Size                               |                             | 15                                       | 15             | 20              | 15              | 20              | 20        |
| Transformer (24v)                               |                             | 40va                                     |                |                 |                 |                 |           |
| External Control                                | Heating                     | 19va                                     |                |                 |                 |                 |           |
| Power Available                                 | Cooling                     | 35va                                     |                |                 |                 |                 |           |
| Air Conditioning Blower Relay                   |                             | Standard                                 |                |                 |                 |                 |           |
| CONTROLS                                        |                             |                                          |                |                 |                 |                 |           |
| Limit Control                                   |                             | SPST (Auto-Reset)                        |                |                 |                 |                 |           |
| Heating Blower Control                          |                             | Solid-State Time Operation               |                |                 |                 |                 |           |
| Inducer                                         |                             | 2-Speed                                  |                |                 |                 |                 |           |
| Burners (Monoport)                              |                             | 5                                        |                | 6               |                 | 7               |           |
| Gas Connection Size                             |                             | 1/2-in. NPT                              |                |                 |                 |                 |           |
| GAS CONTROLS                                    |                             |                                          |                |                 |                 |                 |           |
| 2-Stage Redundant Gas Valve                     |                             | White-Rodgers                            |                |                 |                 |                 |           |
|                                                 | Min Inlet Pressure (In. wc) | 4.5 (Natural Gas)                        |                |                 |                 |                 |           |
|                                                 | Max Inlet Pressure (In. wc) | 13.6 (Natural Gas)                       |                |                 |                 |                 |           |
| Ignition Device                                 |                             | Hot Surface                              |                |                 |                 |                 |           |
| BLOWER DATA                                     |                             |                                          |                |                 |                 |                 |           |
| Direct-Drive Motor HP (PSC)                     |                             | 1/3                                      | 1/2            | 3/4             | 1/2             | 3/4             | 3/4       |
| Motor Full Load Amps                            |                             | 5.8                                      | 7.9            | 11.1            | 7.9             | 11.1            | 11.1      |
| RPM (Nominal)—Speeds                            |                             | 1075—4                                   | 1075—4         | 1075—4          | 1075—4          | 1075—4          | 1075—4    |
| Blower Wheel Diameter x Width (In.)             |                             | 10 x 7                                   | 10 x 8         | 11 x 10         | 10 x 8          | 11 x 10         | 11 x 10   |
| Filter Size (In.)—Permanent Washable (Supplied) |                             | (1) 16 x 25 x 1                          | (1) 20x 25 x 1 | (2) 16 x 25 x 1 | (1) 20 x 25 x 1 | (2) 16 x 25 x 1 |           |
| FACTORY-AUTHORIZED DEALER-INSTALLED ACCESSORIES |                             |                                          |                |                 |                 |                 |           |
| Twinning Kit                                    |                             | N/A                                      | KGATW0301HSI   |                 |                 |                 |           |
| High-Altitude Pressure Switch Kit**             |                             | KGAHA5501PSW                             |                |                 |                 |                 |           |
| Gas Conversion Kit—Natural-to-Propane           |                             | KGANP24012SP                             |                |                 |                 |                 |           |
| Gas Conversion Kit—Propane-to-Natural           |                             | KGAPN20012SP                             |                |                 |                 |                 |           |
| Side Filter Rack (Accepts 1 Filter)             |                             | KGAFR0201ALL (Filter Size 16 x 25 x 1)   |                |                 |                 |                 |           |
| Return Filter Cabinet (With Washable Filters)   |                             | KGARP0201ALL (Filter Size 2—20 x 25 x 1) |                |                 |                 |                 |           |

\* Gas input ratings are certified for elevations to 2000 ft. For elevations above 2000 ft, reduce ratings 4% for each 1000 ft above sea level. Refer to National Fuel Gas Code Table F4. In Canada, derate the unit 10% for elevations 2000 ft to 4500 ft above sea level.

† Tentative capacity in accordance with U.S. Government DOE test procedures. California Seasonal Efficiencies based on California-specified procedures.

‡ Air delivery above 1800 CFM requires that both sides, or a combination of 1 side and bottom, or bottom only of the furnace be used for return air. A filter is required for each return-air supply.

\*\* 5500 ft and higher above sea level.

ICS—Isolated Combustion System

N/A—Not Applicable

# AIR DELIVERY— CFM (With Filter)\*

| UNIT SIZE | BLOWER MOTOR HP | SPEED    | EXTERNAL STATIC PRESSURE (IN. WC) |      |      |      |      |      |      |      |
|-----------|-----------------|----------|-----------------------------------|------|------|------|------|------|------|------|
|           |                 |          | 0.1                               | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  |
| 036040    | 1/3 PSC         | High     | —                                 | 1485 | 1410 | 1350 | 1270 | 1180 | 1080 | 970  |
|           |                 | Med-High | —                                 | 1375 | 1315 | 1240 | 1165 | 1095 | 1000 | 905  |
|           |                 | Med-Low  | 1255                              | 1205 | 1165 | 1120 | 1060 | 985  | 905  | 805  |
|           |                 | Low      | 1070                              | 1035 | 1010 | 970  | 930  | 875  | 805  | 720  |
| 024060    | 1/5 PSC         | High     | 1040                              | 1010 | 975  | 935  | 880  | 810  | 735  | 640  |
|           |                 | Med-High | 855                               | 830  | 800  | 765  | 715  | 660  | 600  | 490  |
|           |                 | Med-Low  | 745                               | 715  | 690  | 650  | 605  | 550  | 475  | 385  |
|           |                 | Low      | 610                               | 590  | 565  | 535  | 485  | 425  | 375  | 310  |
| 036060    | 1/3 PSC         | High     | —                                 | 1485 | 1430 | 1365 | 1300 | 1220 | 1140 | 1045 |
|           |                 | Med-High | —                                 | 1355 | 1305 | 1260 | 1200 | 1135 | 1055 | 960  |
|           |                 | Med-Low  | 1175                              | 1170 | 1140 | 1110 | 1055 | 1005 | 950  | 860  |
|           |                 | Low      | 1025                              | 1015 | 995  | 965  | 930  | 885  | 825  | 745  |
| 042080    | 1/3 PSC         | High     | 1585                              | 1540 | 1470 | 1410 | 1335 | 1220 | 1110 | 980  |
|           |                 | Med-High | 1355                              | 1325 | 1280 | 1230 | 1175 | 1090 | 1015 | 910  |
|           |                 | Med-Low  | 1150                              | 1125 | 1105 | 1085 | 1035 | 965  | 895  | 785  |
|           |                 | Low      | 960                               | 950  | 935  | 910  | 880  | 815  | 715  | 580  |
| 048080    | 1/2 PSC         | High     | 2010                              | 1950 | 1875 | 1810 | 1740 | 1660 | 1550 | 1455 |
|           |                 | Med-High | 1675                              | 1660 | 1625 | 1600 | 1545 | 1490 | 1395 | 1295 |
|           |                 | Med-Low  | 1445                              | 1430 | 1415 | 1400 | 1370 | 1325 | 1265 | 1170 |
|           |                 | Low      | 1260                              | 1260 | 1260 | 1250 | 1210 | 1180 | 1115 | 1030 |
| 036100    | 1/3 PSC         | High     | 1490                              | 1435 | 1370 | 1300 | 1210 | 1135 | 1020 | 880  |
|           |                 | Med-High | 1375                              | 1325 | 1265 | 1195 | 1125 | 1055 | 945  | 810  |
|           |                 | Med-Low  | 1205                              | 1175 | 1130 | 1075 | 1025 | 925  | 830  | 675  |
|           |                 | Low      | 1045                              | 1020 | 1000 | 960  | 905  | 820  | 700  | 565  |
| 048100    | 1/2 PSC         | High     | 1880                              | 1815 | 1745 | 1690 | 1575 | 1500 | 1400 | 1265 |
|           |                 | Med-High | 1660                              | 1615 | 1570 | 1505 | 1435 | 1355 | 1260 | 1170 |
|           |                 | Med-Low  | 1455                              | 1410 | 1375 | 1350 | 1290 | 1235 | 1145 | 985  |
|           |                 | Low      | 1265                              | 1265 | 1240 | 1210 | 1180 | 1110 | 995  | 855  |
| 060100    | 3/4 PSC         | High     | 2475                              | 2405 | 2330 | 2265 | 2210 | 2130 | 2040 | 1945 |
|           |                 | Med-High | 2055                              | 2025 | 2000 | 1965 | 1930 | 1865 | 1795 | 1720 |
|           |                 | Med-Low  | 1725                              | 1720 | 1705 | 1685 | 1665 | 1630 | 1585 | 1525 |
|           |                 | Low      | 1500                              | 1515 | 1510 | 1500 | 1480 | 1460 | 1415 | 1370 |
| 048120    | 1/2 PSC         | High     | 1900                              | 1845 | 1780 | 1705 | 1620 | 1530 | 1445 | 1320 |
|           |                 | Med-High | 1695                              | 1645 | 1580 | 1520 | 1460 | 1385 | 1280 | 1155 |
|           |                 | Med-Low  | 1460                              | 1415 | 1375 | 1340 | 1290 | 1205 | 1110 | —    |
|           |                 | Low      | 1275                              | 1260 | 1245 | 1230 | 1180 | 1135 | —    | —    |
| 060120    | 3/4 PSC         | High     | —                                 | 2210 | 2130 | 2055 | 1980 | 1895 | 1795 | 1680 |
|           |                 | Med-High | 2015                              | 1975 | 1925 | 1880 | 1805 | 1735 | 1655 | 1555 |
|           |                 | Med-Low  | 1730                              | 1710 | 1670 | 1635 | 1590 | 1535 | 1470 | 1385 |
|           |                 | Low      | 1525                              | 1520 | 1495 | 1450 | 1410 | 1375 | 1315 | 1245 |
| 060135    | 3/4 PSC         | High     | —                                 | 2145 | 2060 | 1975 | 1905 | 1800 | 1680 | 1565 |
|           |                 | Med-High | —                                 | 1950 | 1885 | 1815 | 1710 | 1645 | 1545 | 1435 |
|           |                 | Med-Low  | 1730                              | 1695 | 1660 | 1600 | 1540 | 1465 | 1400 | 1305 |
|           |                 | Low      | 1520                              | 1500 | 1460 | 1410 | 1360 | 1310 | 1245 | 1155 |

\* Air delivery above 1800 CFM requires that both sides, or a combination of 1 side and bottom, or bottom only of the furnace to be used for return air.

A filter is required for each return-air supply opening.

— Indicates unstable operating conditions.

Technical drawing showing the front and side views of a rectangular box with dimensions:

- Side View:**
  - Overall width: 16"
  - Inner width:  $13 \frac{7}{16}"$
  - Height:  $39 \frac{7}{8}"$
  - Left side offset:  $1 \frac{3}{4}"$
- Front View:**
  - Overall width: 25"
  - Inner width:  $23 \frac{5}{16}"$
  - Top offset:  $\frac{5}{8}"$
  - Right side offset:  $\frac{13}{16}"$  TYP

Technical drawing of a rectangular opening in a wall. The drawing shows a side elevation of the wall and a top-down view of the opening. Key dimensions and labels include:

- Top Wall:**
  - Left side:  $1 \frac{1}{4}"$  (TYP) (typical)
  - Right side:  $\frac{1}{2}"$
  - Top edge:  $2 \frac{3}{8}"$
  - Bottom edge:  $\frac{3}{4}"$
- Opening:**
  - Top edge:  $25 \frac{1}{8}"$
  - Bottom edge:  $14 \frac{1}{2}"$  (labeled "OPENING")
  - Left side:  $1 \frac{1}{4}"$
  - Right side:  $23 \frac{1}{8}"$  (labeled "OPENING")
- Labels:**
  - TABS:** Indicated by two vertical lines on the top wall.
  - OPENING:** Labeled on the bottom edge of the rectangular cutout.



9-95