Upflow / Horizontal - Two-Stage Heat - Variable Speed Blower

AFUE - 80%
Input - 66,000 to 132,000 Btuh
Nominal Add-on Cooling - 2 to 5 Tons

MODEL NUMBER IDENTIFICATION

SL 2 80 UH 070 X V 36 B

Unit Type
SL = Dave Lennox Signature® Collection

Stages
2 = Two-Stage

AFUE
80 = 80%

Configuration
UH = Upflow/Horizontal

Nominal Gas Heat Input
070 = 66,000 Btuh
090 = 88,000 Btuh
110 = 110,000 Btuh
135 = 132,000 Btuh

1 Cabinet Width
A = 14-1/2 in.
B = 17-1/2 in.
C = 21 in.
D = 24-1/2 in.

Nominal Add-On Cooling Capacity
36 = 2-3.5 tons
48 = 4 tons
60 = 4-5 tons

Blower
V = Variable Speed Blower Motor

Low NOx = Units meet California Nitrogen Oxides standards

1 Indoor coils with the same letter designation will physically match the furnace.
WARRANTY

Duralok™ Aluminized Steel Heat Exchanger
- Limited twenty year warranty in residential applications, ten years in non-residential applications.

All other covered components - Limited ten year warranty in residential applications, one year in non-residential applications.

Refer to Lennox Equipment Limited Warranty certificate included with equipment for details.

APPROVALS

Units are certified by AHRI.
Units tested and rated according to US DOE test procedures and FTC labeling regulations.
“X” models approved by the California Energy Commission and meet California Seasonal Efficiency requirements and California Nitrogen Oxides (NOx) Standards.
ISO 9001 Registered Manufacturing Quality System.
Blower data from unit tests conducted in Lennox Laboratory air test chamber.

APPLICATIONS

Input capacities of 66,000, 88,000, 110,000 and 132,000 Btuh.

Energy efficiency (AFUE) of 80%.

Compact cabinet for upflow, horizontal-left or horizontal-right applications.

Utility room, alcove, closet, crawl space, basement or attic installation.

Lennox add-on indoor coils, high-efficiency air cleaners and humidifiers can easily be added to furnace.

Shipped factory assembled with all controls installed and wired.

Ready for installation in upflow or horizontal right-hand position without any modifications. Horizontal left-hand requires repositioning of pressure switch. Removable bottom seal panel shipped in place for side return air is easily removed for bottom/end return air applications.

Each unit factory test operated to ensure proper operation.

Zoning Applications

Units may be used with certain zoning systems.

Zone control panel must be able to interface and communicate with the variable speed blower motor in the unit. The Harmony III™ Zoning System has this capability.
HEATING SYSTEM

1. SilentComfort™ Technology
   Patent pending burner sound enclosure and extra cabinet insulation reduces operating sound levels.

2. Lennox Duralok™ Heat Exchanger Assembly
   Heavy gauge aluminized steel heat exchanger.
   Crimped seam clamshell type design.
   Designed for normal expansion and contraction.
   Minimum resistance to air flow.
   Heat exchanger has been laboratory life cycle tested in excess of industry standards.
   Compact size of heat exchanger permits low overall design of furnace cabinet.

3. Inshot Burners
   Aluminized steel inshot burners provide efficient, trouble-free operation.
   Burner venturi mixes air and gas in correct proportion for proper combustion.
   Burner assembly is removable from the unit as a single component for ease of service.

4. SureLight® Hot Surface Ignitor
   Tough, reliable, long-life, trouble-free performance.
   Nitride ignitor.
   Cemented to steatite block for protection against current leakage.
   Ignition leads constructed of nickel plated copper enclosed in high temperature Teflon® insulation for dependable operation.

5. Two-Stage Gas Control Valve
   24 volt redundant combination two-stage gas control valve combines manual shut off switch (On-Off), automatic electric valve (dual) and gas pressure regulation into a compact combination control.

6. Two-Speed Combustion Air Inducer
   Heavy duty, permanent split capacitor (PSC) two-speed blower prepurges heat exchanger and safely vents flue products.
   Dual pressure switches (low fire/high fire) prove blower operation before allowing gas valve to open.
   Operates only during heating cycle.
   Direct access allows inducer assembly to be rotated 90° clockwise or counterclockwise to facilitate easy vent attachment.

7. Flame Rollout Switches (2)
   Manual reset switches are factory installed on burner box.
   Switch provides protection from abnormal operating conditions.

8. Limit Controls
   Automatic reset, primary and secondary limits are accurately located.
   Primary limit factory installed on vestibule panel on all units, secondary limit factory installed on blower housing.

OPTIONS

- High Altitude Pressure Switch Kit
  Required on most units for proper unit operation at altitudes from 4501 to 10,000 ft.

- Natural Gas to LPG/Propane Conversion Kit
  Required for field changeover from natural gas to LPG/Propane.

- LPG/Propane to Natural Gas Conversion Kit
  Required for field changeover from LPG/Propane to natural gas.

BLOWER

- Variable Speed Direct Drive Blower
  Each blower assembly statically and dynamically balanced.
  Change in blower speed is easily accomplished by simple DIP switch change on furnace control.
  See Blower Performance tables.
  Blower assembly easily removed for servicing.

- Variable Speed Blower Motor
  Variable speed motor maintains specified air volume from 0 though 0.8 in. w.g. (heating) and 0 through 1.0 in. w.g. (Cooling) static range.
  Variable speed operation is achieved by the use of an ECM (Electronically Commutated Motor) motor.
  Motor is controlled by furnace control.
  Motor is resiliently mounted.
  When furnaces are used with the Harmony III™ Zoning System, blower motor operates from predetermined minimum - maximum air volumes to satisfy zone requirements.
CONTROLS

SureLight® Integrated Two-Stage / Variable Speed Blower Furnace Control

Contains all necessary controls and relays to operate furnace.

Combustion air inducer is controlled by control. Prior to ignition, a low speed pre-purge cycle for 15 seconds is initiated. After the main burners are turned off, a post-purge cycle for 5 seconds is run.

Ignition control provides a regulated 95 volts to the ignitor for a consistent ignition and long ignitor life. Flame sensor utilizes flame rectification for safe and reliable operation.

Should flame fail to ignite, control will initiate 4 re-attempts at ignition before locking out unit operation for 60 minutes.

Watchguard type circuit automatically resets ignition controls after one hour of continuous thermostat demand after unit lockout, eliminating nuisance calls for service.

Jumper settings for single or two-stage thermostat operation.

Two selectable second stage recognition times (10 and 15 minutes) are available when the furnace is used with a single stage thermostat. When used with a two-stage thermostat, furnace will only initiate second stage operation with a second stage thermostat demand.

Four LED’s indicate unit status and aid in troubleshooting:

1. SPEED LED (green) - Indicates circulating blower speed. The LED is lit during normal blower operation and is off during a dehumidification demand. In Harmony III™ zoning applications, the brightness of the LED indicates the requested blower speed.
2. CFM LED (green) - Indicates blower cfm.
3. STATUS LED (red) - flashes diagnostic codes.
4. E-COM LED (green) - Indicates that the control is receiving and processing commands and inputs.

Two accessory terminals furnished for additional power supply requirements for 120 volt (less than 1 amp) power humidifiers and powered air cleaners.

One 24 volt humidifier output furnished.

FEATURES

Two blower speeds - second stage heat and second stage cool (with four air volume selections for each) are selected by DIP switches on control. Heat speed can be adjusted to optimize discharge temperature. Cool speed can be adjusted to correct optional cooling capacity. See Blower Performance tables.

First stage blower speed is a percentage of second stage speed.

The ADJUST switch (DIP) allows normal (NORM), 10% higher (+ plus) or 10% lower (minus) motor speed selection within HEAT and COOL speeds selected for fine tuning air volume.

DELAY switch (DIP) allows one of four de-humidification profiles during cooling mode.

Profile A - Motor runs at 50% for 30 seconds, then at 82% for 7-1/2 minutes, then at 100% (if needed) until demand is satisfied. Once demand is met, motor runs at 50% for 30 seconds, then ramps down to stop.

Profile B - Motor runs at 82% for 7-1/2 minutes and then at 100% (if needed) until demand is satisfied. Once demand is met, motor ramps down to stop.

Profile C - Motor runs at 100% until demand is satisfied. Once demand is met, motor runs at 100% for 60 seconds, then ramps down to stop.

Profile D - Motor runs at 100% until demand is satisfied. Once demand is met, motor ramps down to stop.

In heat mode, blower on time is fixed at 45 seconds, blower off time is adjustable from 60, 90, 120 and 180 seconds (factory setting - 90 seconds).

For air-conditioning applications, blower on time is 2 seconds following thermostat demand for cooling.

Controls humidity by controlling blower and compressor speed on two-stage outdoor units when used with humidity control or Lennox ComfortSense® 7000 Touchscreen Thermostat.

24 Volt Transformer

Furnished and factory installed in control box. 40VA transformer has circuit breaker wired in series.

Note - 50VA transformer is required when unit is used with the Harmony III™ Zoning System. Ordered separately. See Price Book.

Field Wiring Make-up Box

Furnished for line voltage wiring.

Factory installed internally on left side of furnace.

Box may be installed on right side of furnace.
FEATURES

CONTROLS (CONTINUED)

OPTIONS

ComfortSense® 7000 Touchscreen Thermostat
Electronic 7-day, universal, multi-stage, programmable, touchscreen thermostat.
4 Heat/2 Cool.
Auto-changeover.
Controls humidity during cooling mode.
Offers enhanced capabilities including humidification / dehumidification / dewpoint measurement and control, Humiditrol® control, and equipment maintenance reminders.

Easy-to-use, menu driven thermostat with a back-lit, LCD touchscreen.
Remote outdoor temperature sensor (optional) allows the thermostat to display outdoor temperature. Required in dual-fuel and Humiditrol® applications.
See the ComfortSense® 7000 Product Specifications bulletin in the Controls section for more information.

Thermostat
Thermostat (programmable/non-programmable) is not furnished with unit.
See Thermostat bulletins in Controls Section and Lennox Price Book for selection.

Night Service Kit
Contains most commonly used service parts:
• Furnace Control
• Ignitor
• Flame sensor
• Gas valve
• Transformer

Safety Night Service Kit
Kit contains:
• Primary limits (for each model)
• Pressure switches (for each model)
• Flame rollout switches (for each model)
• Secondary limits (for each model)

FILTER (NOT FURNISHED)

Filter and provisions for external mounting must be field provided.

OPTIONS

Air Filter and Rack Kit for Horizontal Return Air (End) Applications
Washable or vacuum cleanable polyurethane frame type filter and external end return air rack available for field installation.
Rack has filter door for easy filter servicing.
Flanges on rack allow easy duct connection.
See dimension drawing.

Air Filter and Rack Kit for Upflow Side Return Air Applications - Not for use with Return Air Base
Washable or vacuum cleanable polyurethane frame type filter and external side return air rack available for field installation.
Available in single and ten pack kits.
Rack has filter door for easy filter servicing.
Flanges on rack allow easy duct connection.
Field installs on either side of unit cabinet. See dimension drawing.

CABINET

Low-profile, narrow width cabinet allows easy installation.
Heavy-gauge, cold rolled steel construction.
Pre-painted cabinet finish.
Flue outlet on top of cabinet for upflow applications, can be relocated to either side of cabinet for horizontal applications.
Flanges provided on supply air opening for ease of plenum connection or alignment with indoor coil.

Fully insulated cabinet with foil faced insulation on sides and back of heating compartment and mat faced insulation in blower compartment.
Sealed blower compartment. Inner blower compartment access panel seals blower compartment from air leakage.
Cabinet door can be removed without any tools
Complete service access.
Safety interlock switch automatically shuts off power to unit when inner blower compartment access panel is removed.
Gas piping and electrical inlets are provided in both sides of cabinet.
FEATURES

CABINET (CONTINUED)

Return Air Entry:
For bottom/end return air entry for upflow/horizontal applications, remove furnished bottom seal panel from cabinet.
For side return-air entry (upflow applications only), corners are marked on either side of cabinet for return air cut-outs.
See dimension drawings.

NOTE - 60C and 60D size units that require second stage air volumes over 1800 cfm must have one of the following:
1. Single side return air with transition, to accommodate 20 x 25 x 1 in. cleanable air filter. Required to maintain proper air velocity.
2. Single side return air with Optional Return Air Base
3. Bottom return air.
4. Return air from both sides.
5. Bottom and one side return air.
See Blower Performance Tables for additional information.

Coil Match-up
All furnaces exactly match C33 and CX34 cased upflow indoor coils and CH33 horizontal indoor coils with same letter designation in model number. No adaptor required. Engaging holes furnished on cabinet for alignment.
C33 uncased coils match furnaces without any overhang but require an optional adaptor base or field fabricated transition to match furnace opening. See C33 coil bulletin for additional information.

OPTIONS

Horizontal Suspension Kit
Provides suspension of unit and coil in horizontal applications.
Allows complete service access.
Consists of corner mounted hanging brackets with vibration isolators, return air end support rail and hardware for assembly.
Metal hanging straps must be field provided.

Return Air Base
A field fabricated transition or Return Air Base is required when using an IAQ product higher than 14-3/16 in. installed next to the unit and serviced from the front. IAQ products higher than 20 in. require a field fabricated transition.
Base must be used for 60C and 60D models with air volumes over 1800 cfm in upflow applications when only one side return is required.
Cabinet is shipped flat for easy field assembly and is pre-painted steel to match the furnace.
See Dimension Drawing.

INSTALLATION CLEARANCES - INCHES (MM)

<table>
<thead>
<tr>
<th>UPFLOW POSITION</th>
<th>Type B1</th>
<th>Type C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sides</td>
<td>0 (0)</td>
<td>0 (0)</td>
</tr>
<tr>
<td>Rear</td>
<td>0 (0)</td>
<td>0 (0)</td>
</tr>
<tr>
<td>Top</td>
<td>1 (25)</td>
<td>1 (25)</td>
</tr>
<tr>
<td>Front</td>
<td>2-1/4 (57)</td>
<td>2-1/4 (57)</td>
</tr>
<tr>
<td>Front (service/alcove)</td>
<td>24 (610)</td>
<td>24 (610)</td>
</tr>
<tr>
<td>Floor</td>
<td>Combustible</td>
<td>Combustible</td>
</tr>
<tr>
<td>Flue</td>
<td>1 (25)</td>
<td>6 (152)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HORIZONTAL POSITION</th>
<th>Type B1</th>
<th>Type C</th>
</tr>
</thead>
<tbody>
<tr>
<td>End</td>
<td>1/2</td>
<td>1/2</td>
</tr>
<tr>
<td>Rear</td>
<td>0 (0)</td>
<td>0 (0)</td>
</tr>
<tr>
<td>Top</td>
<td>1/2</td>
<td>1/2</td>
</tr>
<tr>
<td>Front</td>
<td>2-1/4 (57)</td>
<td>2-1/4 (57)</td>
</tr>
<tr>
<td>Front (service)</td>
<td>24 (610)</td>
<td>24 (610)</td>
</tr>
<tr>
<td>Floor</td>
<td>Combustible</td>
<td>Combustible</td>
</tr>
<tr>
<td>Flue</td>
<td>1 (25)</td>
<td>6 (152)</td>
</tr>
</tbody>
</table>

NOTE – Air for combustion must conform to the methods outlined in the National Fuel Gas Code (NFPA 54/ANSI-Z223.1).
NOTE – In the U.S. flue sizing must conform to the methods outlined in the current National Fuel Gas Code (NFPA 54/ANSI-Z223.1) or applicable provisions of local building codes.

1 Left side requires 4 in. if single wall vent is used on 14-1/2 in. cabinets, 2 in. on 17-1/2 in. cabinets.
## SPECIFICATIONS

### Gas Heating Performance

<table>
<thead>
<tr>
<th>Model No.</th>
<th>SL280UH070V36A</th>
<th>SL280UH090V36B</th>
<th>SL280UH090V48B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High Fire</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input - Btuh</td>
<td>66,000</td>
<td>88,000</td>
<td>88,000</td>
</tr>
<tr>
<td>Output - Btuh</td>
<td>52,000</td>
<td>70,000</td>
<td>70,000</td>
</tr>
<tr>
<td>Temperature rise range - °F</td>
<td>40 - 70</td>
<td>40 - 70</td>
<td>40 - 70</td>
</tr>
<tr>
<td>Gas Manifold Pressure (in. w.g.)</td>
<td>3.5 / 10</td>
<td>3.5 / 10</td>
<td>3.5 / 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model No. - Low Nox</th>
<th>SL280UH070XV36A</th>
<th>- - -</th>
<th>SL280UH090XV48B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Low Fire</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input - Btuh</td>
<td>43,000</td>
<td>57,000</td>
<td>57,000</td>
</tr>
<tr>
<td>Output - Btuh</td>
<td>35,000</td>
<td>47,000</td>
<td>47,000</td>
</tr>
<tr>
<td>Temperature rise range - °F</td>
<td>25 - 55</td>
<td>25 - 55</td>
<td>25 - 55</td>
</tr>
<tr>
<td>Gas Manifold Pressure (in. w.g.)</td>
<td>1.7 / 4.9</td>
<td>1.7 / 4.9</td>
<td>1.7 / 4.9</td>
</tr>
</tbody>
</table>

### High static - in. w.g.

| Heating | 0.8 | 0.8 | 0.8 |
| Cooling | 1.0 | 1.0 | 1.0 |

### Connections

| Flue connection - in. round | 4 | 4 | 4 |
| Gas pipe size IPS | 1/2 | 1/2 | 1/2 |

### Indoor Blower

| Wheel nominal diameter x width - in. | 10 X 8 | 10 X 9 | 11-1/2 X 9 |
| Motor output - hp | 1/2 | 1/2 | 1/2 |
| Tons of add-on cooling | 2 - 3 | 2 - 3.5 | 2.5 - 4 |
| Air Volume Range - cfm | 606 - 1345 | 498 - 1393 | 679 - 2002 |

### Electrical Data

| Voltage | 120 volts - 60 hertz - 1 phase |
| Blower motor full load amps | 7.7 | 7.7 | 12.8 |
| Maximum overcurrent protection | 15 | 15 | 20 |
| Maximum overcurrent protection | - | - | - |

### Shipping Data

| lbs. - 1 package | 128 | 143 | 154 |

**NOTE** - Filters and provisions for mounting are not furnished and must be field provided.

1 Annual Fuel Utilization Efficiency based on DOE test procedures and according to FTC labeling regulations. Isolated combustion system rating for non-weatherized furnaces.

2 Flue connection on the unit is 4 in. diameter. Most applications will require 5 in. venting and field supplied 4 x 5 in. adaptor. See Venting Tables in the Installation Instructions for detailed information.

---

## SPECIFICATIONS

### Gas Heating Performance

<table>
<thead>
<tr>
<th>Model No.</th>
<th>SL280UH090V60C</th>
<th>SL280UH110V60C</th>
<th>SL280UH135V60D</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High Fire</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input - Btuh</td>
<td>88,000</td>
<td>110,000</td>
<td>132,000</td>
</tr>
<tr>
<td>Output - Btuh</td>
<td>70,000</td>
<td>87,000</td>
<td>105,000</td>
</tr>
<tr>
<td>Temperature rise range - °F</td>
<td>35 - 65</td>
<td>35 - 65</td>
<td>40 - 70</td>
</tr>
<tr>
<td>Gas Manifold Pressure (in. w.g.)</td>
<td>3.5 / 10.0</td>
<td>3.5 / 10.0</td>
<td>3.5 / 10.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model No. - Low Nox</th>
<th>SL280UH090XV60C</th>
<th>SL280UH110XV60C</th>
<th>- - -</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Low Fire</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input - Btuh</td>
<td>57,000</td>
<td>72,000</td>
<td>86,000</td>
</tr>
<tr>
<td>Output - Btuh</td>
<td>47,000</td>
<td>58,000</td>
<td>69,000</td>
</tr>
<tr>
<td>Temperature rise range - °F</td>
<td>25 - 55</td>
<td>25 - 55</td>
<td>25 - 55</td>
</tr>
<tr>
<td>Gas Manifold Pressure (in. w.g.)</td>
<td>1.7 / 4.9</td>
<td>1.7 / 4.9</td>
<td>1.7 / 4.9</td>
</tr>
</tbody>
</table>

### High static - in. w.g.

| Heating | 0.8 | 0.8 | 0.8 |
| Cooling | 1.0 | 1.0 | 1.0 |

### Connections

| Flue connection - in. round | 4 | 4 | 4 |
| Gas pipe size IPS | 1/2 | 1/2 | 1/2 |

### Indoor Blower

| Wheel nominal diameter x width - in. | 11-1/2 X 10 | 11-1/2 X 10 | 11-1/2 X 11 |
| Motor output - hp | 1.0 | 1.0 | 1.0 |
| Tons of add-on cooling | 3 - 5 | 3 - 5 | 3.5 - 5 |
| Air Volume Range - cfm | 826 - 2305 | 812 - 2125 | 828 - 2257 |

### Electrical Data

| Voltage | 120 volts - 60 hertz - 1 phase |
| Blower motor full load amps | 12.8 | 12.8 | 12.8 |
| Maximum overcurrent protection | 20 | 20 | 20 |

### Shipping Data

| lbs. - 1 package | 173 | 181 | 199 |

**NOTE** - Filters and provisions for mounting are not furnished and must be field provided.

1 Annual Fuel Utilization Efficiency based on DOE test procedures and according to FTC labeling regulations. Isolated combustion system rating for non-weatherized furnaces.

2 Flue connection on the unit is 4 in. diameter. Most applications will require 5 in. venting and field supplied 4 x 5 in. adaptor. See Venting Tables in the Installation Instructions for detailed information.
## OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

<table>
<thead>
<tr>
<th>CABINET ACCESSORIES</th>
<th>“A” Width Models</th>
<th>“B” Width Models</th>
<th>“C” Width Models</th>
<th>“D” Width Models</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal Suspension Kit - Horizontal only</td>
<td>51W10</td>
<td>51W10</td>
<td>51W10</td>
<td>51W10</td>
</tr>
<tr>
<td>Return Air Base - Upflow only</td>
<td>65W75</td>
<td>50W98</td>
<td>50W99</td>
<td>51W00</td>
</tr>
</tbody>
</table>

### CONTROLS

| ComfortSense® 7000 Thermostat | Y0349            | Y0349            | Y0349            | Y0349            |
| Remote Outdoor Sensor (for dual fuel and Humiitrol®) | X2658            | X2658            | X2658            | X2658            |

### FILTERS

<table>
<thead>
<tr>
<th>Air Filter and Rack Kit</th>
<th>Horizontal (end)</th>
<th>Side Return</th>
<th>Single</th>
<th>Ten Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>87L95</td>
<td>44J22</td>
<td>66K63</td>
<td>16 x 25 x 1</td>
</tr>
<tr>
<td>Size of filter - in.</td>
<td>14 x 25 x 1</td>
<td>18 x 25 x 1</td>
<td>20 x 25 x 1</td>
<td>25 x 25 x 1</td>
</tr>
</tbody>
</table>

### NIGHT SERVICE KITS

<table>
<thead>
<tr>
<th>Night Service Kit</th>
<th>Safety Night Service Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>51W04</td>
<td>51W04</td>
</tr>
<tr>
<td>51W05</td>
<td>51W05</td>
</tr>
</tbody>
</table>

1 Cleanable polyurethane, frame-type filter.

### GAS HEAT ACCESSORIES

<table>
<thead>
<tr>
<th>Input</th>
<th>High Altitude Pressure Switch Kit</th>
<th>Natural Gas to LPG/Propane Kit</th>
<th>LPG/Propane to Natural Gas Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 - 4500 ft.</td>
<td>4501 - 7500 ft.</td>
<td>7501 - 10,000 ft.</td>
</tr>
<tr>
<td>070</td>
<td>No Change</td>
<td>No Change</td>
<td>73W35</td>
</tr>
<tr>
<td>090</td>
<td>No Change</td>
<td>No Change</td>
<td>69W56</td>
</tr>
<tr>
<td>110</td>
<td>No Change</td>
<td>No Change</td>
<td>69W56</td>
</tr>
<tr>
<td>135</td>
<td>No Change</td>
<td>No Change</td>
<td>73W33</td>
</tr>
</tbody>
</table>

### HIGH ALTITUDE DERATE

**NOTE** - Units may be installed at altitudes up to 4500 ft. above sea level without any modifications.
**NOTE** - This is the only permissible derate for these units.

<table>
<thead>
<tr>
<th>Input</th>
<th>Gas Manifold Pressure (Outlet) in. w.g.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 - 4500 Feet</td>
</tr>
<tr>
<td></td>
<td>Natural Gas</td>
</tr>
<tr>
<td></td>
<td>High Fire</td>
</tr>
<tr>
<td>070</td>
<td>3.5</td>
</tr>
<tr>
<td>090</td>
<td>3.5</td>
</tr>
<tr>
<td>110</td>
<td>3.5</td>
</tr>
<tr>
<td>135</td>
<td>3.5</td>
</tr>
</tbody>
</table>

1 Natural Gas High Altitude Orifice Kit required.
1 NOTE - 60C and 60D size units that require second stage air volumes over 1800 cfm must have one of the following:
1. Single side return air with transition, to accommodate 20 x 25 x 1 in. (508 x 635 x 25 mm) cleanable air filter. Required to maintain proper air velocity.
2. Single side return air with optional Return Air Base
3. Bottom return air.
4. Return air from both sides.
5. Bottom and one side return air.
See Blower Performance Tables for additional information.

2 Flue outlet may be horizontal but furnace must be vented vertically
3 Optional External Side Return Air Filter Kit is not for use with the optional Return Air Base.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL280UH070V36A</td>
<td>14-1/2</td>
<td>368</td>
<td>13-3/8</td>
<td>340</td>
</tr>
<tr>
<td>SL280UH090V36B</td>
<td>17-1/2</td>
<td>446</td>
<td>16-3/8</td>
<td>416</td>
</tr>
<tr>
<td>SL280UH090V48B</td>
<td>16-1/2</td>
<td>446</td>
<td>16-3/8</td>
<td>416</td>
</tr>
<tr>
<td>SL280UH090V60C</td>
<td>21</td>
<td>533</td>
<td>19-7/8</td>
<td>504</td>
</tr>
<tr>
<td>SL280UH110V60C</td>
<td>24-1/2</td>
<td>622</td>
<td>23-3/8</td>
<td>546</td>
</tr>
<tr>
<td>SL280UH135V60D</td>
<td>24-1/2</td>
<td>622</td>
<td>23-3/8</td>
<td>546</td>
</tr>
</tbody>
</table>
### DIMENSIONS - INCHES (MM) - HORIZONTAL POSITION

#### LEFT-HAND AIR DISCHARGE

1 Flue outlet may be from end but furnace must be vented vertically.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>A (in.)</th>
<th>B (mm)</th>
<th>C (in.)</th>
<th>D (mm)</th>
<th>E (in.)</th>
<th>F (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL280UH070V36A</td>
<td>14-1/2</td>
<td>368</td>
<td>13-3/8</td>
<td>340</td>
<td>13</td>
<td>330</td>
</tr>
<tr>
<td>SL280UH090V36B</td>
<td>17-1/2</td>
<td>446</td>
<td>16-3/8</td>
<td>416</td>
<td>16</td>
<td>406</td>
</tr>
<tr>
<td>SL280UH090V48B</td>
<td>17</td>
<td>446</td>
<td>16-3/8</td>
<td>416</td>
<td>16</td>
<td>406</td>
</tr>
<tr>
<td>SL280UH090V60C</td>
<td>21</td>
<td>533</td>
<td>19-7/8</td>
<td>504</td>
<td>19-1/2</td>
<td>495</td>
</tr>
<tr>
<td>SL280UH110V60C</td>
<td>24-1/2</td>
<td>622</td>
<td>23-3/8</td>
<td>546</td>
<td>23</td>
<td>584</td>
</tr>
<tr>
<td>SL280UH135V60D</td>
<td>24-1/2</td>
<td>622</td>
<td>23-3/8</td>
<td>546</td>
<td>23</td>
<td>584</td>
</tr>
</tbody>
</table>

#### RIGHT-HAND AIR DISCHARGE

1 Flue outlet may be horizontal but furnace must be vented vertically.

---

**SUPPLY AIR OPENING**

**RETURN AIR OPENING**

**FLUE OUTLET**

**GAS PIPING INLET**

**ELECTRICAL INLET**

**AIR FLOW**

**FRONT VIEW**

**END VIEW**

**TOP VIEW**

---

**TOP VIEW**

**FRONT VIEW**

**END VIEW**

---

**END VIEW**

**FRONT VIEW**

**END VIEW**

---

**END VIEW**

**FRONT VIEW**

**END VIEW**

---

**END VIEW**

**FRONT VIEW**

**END VIEW**

---

**END VIEW**

**FRONT VIEW**

**END VIEW**

---

**END VIEW**

**FRONT VIEW**

**END VIEW**

---

**END VIEW**

**FRONT VIEW**

**END VIEW**

---

**END VIEW**

**FRONT VIEW**

**END VIEW**

---
OPTIONAL ACCESSORY DIMENSIONS - INCHES (MM)

HORIZONTAL (END) FILTER KIT

1-1/4 (32)
24-3/4 (629)
5/8 (16)
5/8 (16)

FRONT VIEW

RETURN AIR OPENING

AIR FILTER
(Furnished)

SIDE VIEW

SIDE RETURN AIR OPENINGS
(Either Side)

3-1/4 (83)
5-5/8 (143)
7-1/4 (184)
23 (584)
26-7/8 (683)
3 (19)

Optional Return Air Base
(Upflow Applications Only - For use with A, B, C and D cabinets)

FURNACE FRONT

IF BASE IS USED WITHOUT IAQ CABINET, A SINGLE RETURN AIR PLENUM MUST COVER BOTH UNIT AND RETURN AIR BASE OPENINGS

INDOOR AIR QUALITY CABINET (PCO, Filter Cabinet, etc.)

OPTIONAL RETURN AIR BASE

NOTE- Optional Side Return Air Filter Kits are not for use with Optional Return Air Base.

1 Both the unit return air opening and the base return air opening must be covered by a single plenum or IAQ cabinet. Minimum unit side return air opening dimensions for units requiring 1800 cfm or more of air (W x H): 23 x 11 in. (584 x 279 mm).

The opening can be cut as needed to accommodate plenum or IAQ cabinet while maintaining dimensions shown. Side return air openings must be cut in the field. There are cutting guides stenciled on the cabinet for the side return air opening. The size of the opening must not extend beyond the markings on the furnace cabinet.

2 To minimize pressure drop, the largest opening height possible, up to 14 in. (356 mm), is preferred.

NOTE- Optional Side Return Air Filter Kits are not for use with Optional Return Air Base.

1 Both the unit return air opening and the base return air opening must be covered by a single plenum or IAQ cabinet. Minimum unit side return air opening dimensions for units requiring 1800 cfm or more of air (W x H): 23 x 11 in. (584 x 279 mm).

The opening can be cut as needed to accommodate plenum or IAQ cabinet while maintaining dimensions shown. Side return air openings must be cut in the field. There are cutting guides stenciled on the cabinet for the side return air opening. The size of the opening must not extend beyond the markings on the furnace cabinet.

2 To minimize pressure drop, the largest opening height possible, up to 14 in. (356 mm), is preferred.
### UPFLOW POSITION

<table>
<thead>
<tr>
<th>Model No</th>
<th>Cased</th>
<th>Uncased (CX34 - cased only)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>CX34-25A-6F</td>
<td>18-1/2</td>
<td>470 51-1/2</td>
</tr>
<tr>
<td>CX34-30B-6F</td>
<td>20-1/2</td>
<td>521 53-1/2</td>
</tr>
<tr>
<td>CX34-35A-6F</td>
<td>21-1/2</td>
<td>572 55-1/2</td>
</tr>
<tr>
<td>CX34-40A-6F</td>
<td>22-1/2</td>
<td>622 57-1/2</td>
</tr>
<tr>
<td>CX34-45A-6F</td>
<td>23-1/2</td>
<td>673 59-1/2</td>
</tr>
<tr>
<td>CX34-46A-6F</td>
<td>24-1/2</td>
<td>724 61-1/2</td>
</tr>
<tr>
<td>CX34-47A-6F</td>
<td>25-1/2</td>
<td>778 63-1/2</td>
</tr>
</tbody>
</table>

### HORIZONTAL POSITION

<table>
<thead>
<tr>
<th>Model Number</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>CX33-18A-2F</td>
<td>21-1/2</td>
<td>546</td>
</tr>
<tr>
<td>CX33-24/30A-2F</td>
<td>24-1/2</td>
<td>622</td>
</tr>
<tr>
<td>CX33-36A-2F</td>
<td>25-1/2</td>
<td>648</td>
</tr>
<tr>
<td>CX33-36B-2F</td>
<td>26-1/2</td>
<td>673</td>
</tr>
<tr>
<td>CX33-36C-2F</td>
<td>27-1/2</td>
<td>724</td>
</tr>
<tr>
<td>CX33-44/48B-2F</td>
<td>31-1/2</td>
<td>800</td>
</tr>
<tr>
<td>CX33-50/60C-2F</td>
<td>33-62C</td>
<td>1384</td>
</tr>
<tr>
<td>CX33-60D-2F</td>
<td>33-62D</td>
<td>1511</td>
</tr>
<tr>
<td>CX33-62D-2F</td>
<td>33-63D</td>
<td>1638</td>
</tr>
</tbody>
</table>
# BLOWER DATA

## SL280UH070V36A BLOWER PERFORMANCE (less filter)

### BOTTOM RETURN AIR

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

### BLOWER DATA

#### SL280UH070V36A BLOWER PERFORMANCE (less filter)

**BOTTOM RETURN AIR**

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

#### Switch Positions

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>787</td>
<td>990</td>
</tr>
<tr>
<td>1 NORM</td>
<td>715</td>
<td>900</td>
</tr>
<tr>
<td>—</td>
<td>644</td>
<td>810</td>
</tr>
</tbody>
</table>

#### Switch Positions

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>First Stage “HEAT” Speed - cfm</th>
<th>First Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>747</td>
<td>829</td>
</tr>
<tr>
<td>1 NORM</td>
<td>679</td>
<td>754</td>
</tr>
<tr>
<td>—</td>
<td>611</td>
<td>679</td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 426 cfm.

### SL28UH070V36A BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage</td>
</tr>
<tr>
<td>0</td>
<td>0.1</td>
</tr>
<tr>
<td>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>44</td>
</tr>
<tr>
<td>Tap 2</td>
<td>49</td>
</tr>
<tr>
<td>Tap 3</td>
<td>64</td>
</tr>
<tr>
<td>Tap 4</td>
<td>88</td>
</tr>
<tr>
<td>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>34</td>
</tr>
<tr>
<td>Tap 2</td>
<td>39</td>
</tr>
<tr>
<td>Tap 3</td>
<td>53</td>
</tr>
<tr>
<td>Tap 4</td>
<td>73</td>
</tr>
<tr>
<td>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>29</td>
</tr>
<tr>
<td>Tap 2</td>
<td>33</td>
</tr>
<tr>
<td>Tap 3</td>
<td>42</td>
</tr>
<tr>
<td>Tap 4</td>
<td>51</td>
</tr>
</tbody>
</table>
### BLOWER DATA

**SL280UH070V36A BLOWER PERFORMANCE (less filter)**

#### SINGLE SIDE RETURN AIR

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

<table>
<thead>
<tr>
<th><strong>“ADJUST” Switch Positions</strong></th>
<th><strong>Speed Switch Positions</strong></th>
<th><strong>Second Stage “HEAT” Speed - cfm</strong></th>
<th><strong>Second Stage “COOL” Speed - cfm</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td><strong>+</strong></td>
<td></td>
<td>778</td>
<td>979</td>
</tr>
<tr>
<td><strong>1 NORM</strong></td>
<td></td>
<td>707</td>
<td>890</td>
</tr>
<tr>
<td><strong>—</strong></td>
<td></td>
<td>636</td>
<td>801</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>“ADJUST” Switch Positions</strong></th>
<th><strong>First Stage “HEAT” Speed - cfm</strong></th>
<th><strong>First Stage “COOL” Speed - cfm</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td><strong>+</strong></td>
<td>740</td>
<td>825</td>
</tr>
<tr>
<td><strong>1 NORM</strong></td>
<td>673</td>
<td>750</td>
</tr>
<tr>
<td><strong>—</strong></td>
<td>606</td>
<td>675</td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

**NOTES**

- The effect of static pressure is included in air volumes shown.
- First stage HEAT is approximately 91% of the same second stage HEAT speed position.
- First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.
- Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.
- Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 426 cfm.

### SL280UH070V36A BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th><strong>Jumper Speed Positions</strong></th>
<th><strong>Motor Watts @ Various External Static Pressures - in. wg.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>First Stage</strong></td>
</tr>
<tr>
<td><strong>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</strong></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td></td>
<td>Tap 2</td>
</tr>
<tr>
<td></td>
<td>Tap 3</td>
</tr>
<tr>
<td></td>
<td>Tap 4</td>
</tr>
<tr>
<td><strong>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</strong></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td></td>
<td>Tap 2</td>
</tr>
<tr>
<td></td>
<td>Tap 3</td>
</tr>
<tr>
<td></td>
<td>Tap 4</td>
</tr>
<tr>
<td><strong>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</strong></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td></td>
<td>Tap 2</td>
</tr>
<tr>
<td></td>
<td>Tap 3</td>
</tr>
<tr>
<td></td>
<td>Tap 4</td>
</tr>
</tbody>
</table>
### BLOWER DATA

**SL280UH090V36B BLOWER PERFORMANCE** (less filter)

**BOTTOM RETURN AIR**

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>1200 1483 1495 1632</td>
<td>995 1140 1255 1390</td>
</tr>
<tr>
<td>1 NORM</td>
<td>1091 1348 1359 1484</td>
<td>875 1055 1145 1245</td>
</tr>
<tr>
<td>-</td>
<td>982 1213 1223 1336</td>
<td>780 925 1035 1115</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>First Stage “HEAT” Speed - cfm</th>
<th>First Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>1114 1234 1383 1509</td>
</tr>
<tr>
<td>1 NORM</td>
<td>1013 1122 1257 1372</td>
</tr>
<tr>
<td>-</td>
<td>912 1010 1131 1235</td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

**NOTES** - The effect of static pressure is included in air volumes shown.

- First stage HEAT is approximately 91% of the same second stage HEAT speed position.
- First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.
- Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

**Lennox Harmony III™ Zoning System Applications** - Minimum blower speed is 453 cfm.

### SL280UH090V36B BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
<th>Second Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8</td>
<td></td>
</tr>
<tr>
<td>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1 35 50 65 80 95 109 124 139 154</td>
<td>73 87 114 141 165 183 210 228 247 267 286</td>
</tr>
<tr>
<td></td>
<td>Tap 2 48 65 82 99 117 134 151 168 186</td>
<td>109 125 162 187 209 242 259 284 309 332 358</td>
</tr>
<tr>
<td></td>
<td>Tap 3 52 73 94 114 135 156 177 197 218</td>
<td>139 160 198 226 251 291 315 335 365 396 420</td>
</tr>
<tr>
<td></td>
<td>Tap 4 50 70 91 111 131 151 171 192 212</td>
<td>204 221 270 296 333 366 397 421 444 478 512</td>
</tr>
<tr>
<td>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1 28 43 57 70 82 95 110 126 142</td>
<td>61 80 99 119 143 159 181 202 217 241 256</td>
</tr>
<tr>
<td></td>
<td>Tap 2 36 52 69 85 98 113 133 147 166</td>
<td>89 102 136 155 176 210 231 243 265 286 307</td>
</tr>
<tr>
<td></td>
<td>Tap 3 37 60 77 90 106 132 147 170 191</td>
<td>108 135 154 184 210 233 259 285 306 337 358</td>
</tr>
<tr>
<td></td>
<td>Tap 4 41 63 75 92 108 135 147 165 186</td>
<td>145 175 191 230 266 287 322 343 374 401 425</td>
</tr>
<tr>
<td>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1 22 37 48 59 74 85 100 113 127</td>
<td>45 62 83 95 115 144 158 175 196 207 225</td>
</tr>
<tr>
<td></td>
<td>Tap 2 29 44 58 70 87 103 116 130 144</td>
<td>64 83 108 127 144 169 189 210 227 253 268</td>
</tr>
<tr>
<td></td>
<td>Tap 3 31 51 63 76 96 109 128 144 163</td>
<td>85 104 127 149 180 198 217 242 259 277 305</td>
</tr>
<tr>
<td></td>
<td>Tap 4 39 55 68 82 92 110 126 142 153</td>
<td>109 132 158 185 210 231 262 275 306 335 354</td>
</tr>
</tbody>
</table>
### BLOWER DATA

### SL280UH090V36B BLOWER PERFORMANCE (less filter)

#### SINGLE SIDE RETURN AIR

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Speed Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>+</td>
<td>1190</td>
<td>1469</td>
<td>1485</td>
</tr>
<tr>
<td>† NORM</td>
<td>1082</td>
<td>1335</td>
<td>1350</td>
</tr>
<tr>
<td>—</td>
<td>974</td>
<td>1202</td>
<td>1215</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>First Stage “HEAT” Speed - cfm</th>
<th>First Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1086</td>
<td>1194</td>
</tr>
<tr>
<td>† NORM</td>
<td>987</td>
<td>1085</td>
</tr>
<tr>
<td>—</td>
<td>888</td>
<td>977</td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 453 cfm.

### SL280UH090V36B BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage</td>
</tr>
<tr>
<td></td>
<td>0</td>
</tr>
<tr>
<td>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>34</td>
</tr>
<tr>
<td>Tap 2</td>
<td>42</td>
</tr>
<tr>
<td>Tap 3</td>
<td>54</td>
</tr>
<tr>
<td>Tap 4</td>
<td>72</td>
</tr>
<tr>
<td>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>26</td>
</tr>
<tr>
<td>Tap 2</td>
<td>31</td>
</tr>
<tr>
<td>Tap 3</td>
<td>42</td>
</tr>
<tr>
<td>Tap 4</td>
<td>52</td>
</tr>
<tr>
<td>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>28</td>
</tr>
<tr>
<td>Tap 2</td>
<td>32</td>
</tr>
<tr>
<td>Tap 3</td>
<td>37</td>
</tr>
<tr>
<td>Tap 4</td>
<td>42</td>
</tr>
</tbody>
</table>

SL280UH / Page 16
### BLOWER DATA

SL280UH090V36B BLOWER PERFORMANCE (less filter)

**SIDE RETURN AIR WITH OPTIONAL RETURN AIR BASE**

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

#### Switch Positions

<table>
<thead>
<tr>
<th>Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>1297</td>
<td>1496</td>
</tr>
<tr>
<td></td>
<td>1474</td>
<td>1616</td>
</tr>
<tr>
<td></td>
<td>985</td>
<td>1105</td>
</tr>
<tr>
<td></td>
<td>1210</td>
<td>1335</td>
</tr>
<tr>
<td>1 NORM</td>
<td>1179</td>
<td>1360</td>
</tr>
<tr>
<td></td>
<td>1469</td>
<td>875</td>
</tr>
<tr>
<td></td>
<td>1005</td>
<td>1110</td>
</tr>
<tr>
<td></td>
<td>1215</td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>1061</td>
<td>1224</td>
</tr>
<tr>
<td></td>
<td>1322</td>
<td>770</td>
</tr>
<tr>
<td></td>
<td>900</td>
<td>1010</td>
</tr>
<tr>
<td></td>
<td>1090</td>
<td></td>
</tr>
</tbody>
</table>

#### Switch Positions

<table>
<thead>
<tr>
<th>Switch Positions</th>
<th>First Stage “HEAT” Speed - cfm</th>
<th>First Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>1203</td>
<td>1477</td>
</tr>
<tr>
<td></td>
<td>1621</td>
<td>650</td>
</tr>
<tr>
<td></td>
<td>765</td>
<td>845</td>
</tr>
<tr>
<td></td>
<td>945</td>
<td></td>
</tr>
<tr>
<td>1 NORM</td>
<td>1094</td>
<td>1343</td>
</tr>
<tr>
<td></td>
<td>1474</td>
<td>585</td>
</tr>
<tr>
<td></td>
<td>685</td>
<td>810</td>
</tr>
<tr>
<td></td>
<td>860</td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>985</td>
<td>1084</td>
</tr>
<tr>
<td></td>
<td>1209</td>
<td>520</td>
</tr>
<tr>
<td></td>
<td>600</td>
<td>770</td>
</tr>
<tr>
<td></td>
<td>775</td>
<td></td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

**NOTES** - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

Lennox Harmony™ Zoning System Applications - Minimum blower speed is 453 cfm.

### SL280UH090V36B BLOWER MOTOR WATTS (COOLING)

#### Jumper Speed Positions

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed Taps</td>
<td>32</td>
</tr>
<tr>
<td>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed Taps</td>
<td>29</td>
</tr>
<tr>
<td>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed Taps</td>
<td>61</td>
</tr>
</tbody>
</table>

SL280UHV / Page 17
## BLOWER DATA

**SL280UH090V48B BLOWER PERFORMANCE (less filter)**

### BOTTOM RETURN AIR

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Speed Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>1</td>
<td>1187</td>
<td>1030</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>1518</td>
<td>1335</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>1529</td>
<td>1545</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>1646</td>
<td>1755</td>
</tr>
<tr>
<td>NORM</td>
<td>1</td>
<td>971</td>
<td>790</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>1242</td>
<td>1060</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>1251</td>
<td>1260</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>1346</td>
<td>1435</td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

**NOTES** - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

**Lennox Harmony III™ Zoning System Applications** - Minimum blower speed is 453 cfm.

### SL280UH090V48B BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage</td>
</tr>
<tr>
<td></td>
<td>0</td>
</tr>
<tr>
<td><strong>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</strong></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td></td>
<td>Tap 2</td>
</tr>
<tr>
<td></td>
<td>Tap 3</td>
</tr>
<tr>
<td></td>
<td>Tap 4</td>
</tr>
<tr>
<td><strong>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</strong></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td></td>
<td>Tap 2</td>
</tr>
<tr>
<td></td>
<td>Tap 3</td>
</tr>
<tr>
<td></td>
<td>Tap 4</td>
</tr>
<tr>
<td><strong>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</strong></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td></td>
<td>Tap 2</td>
</tr>
<tr>
<td></td>
<td>Tap 3</td>
</tr>
<tr>
<td></td>
<td>Tap 4</td>
</tr>
<tr>
<td>Jumper Speed Positions</td>
<td>Speed Switch Positions</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>“ADJUST” Switch Positions</td>
<td>1</td>
</tr>
<tr>
<td>+</td>
<td>1183</td>
</tr>
<tr>
<td>^ NORM</td>
<td>1075</td>
</tr>
<tr>
<td>—</td>
<td>968</td>
</tr>
<tr>
<td>“ADJUST” Switch Positions</td>
<td>1</td>
</tr>
<tr>
<td>First Stage “HEAT” Speed - cfm</td>
<td>1</td>
</tr>
<tr>
<td>+</td>
<td>1096</td>
</tr>
<tr>
<td>^ NORM</td>
<td>996</td>
</tr>
<tr>
<td>—</td>
<td>896</td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

NOTES: - The effect of static pressure is included in air volumes shown.
- First stage HEAT is approximately 91% of the same second stage HEAT speed position.
- First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.
- Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.
- Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 453 cfm.

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. w.g.</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Stage</td>
<td>Second Stage</td>
</tr>
<tr>
<td>0</td>
<td>0.1</td>
</tr>
<tr>
<td>+ (Plus) SETTING (“Adjust” Jumper at “+” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>34</td>
</tr>
<tr>
<td>Tap 2</td>
<td>64</td>
</tr>
<tr>
<td>Tap 3</td>
<td>85</td>
</tr>
<tr>
<td>Tap 4</td>
<td>110</td>
</tr>
<tr>
<td>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>30</td>
</tr>
<tr>
<td>Tap 2</td>
<td>36</td>
</tr>
<tr>
<td>Tap 3</td>
<td>64</td>
</tr>
<tr>
<td>Tap 4</td>
<td>87</td>
</tr>
<tr>
<td>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>28</td>
</tr>
<tr>
<td>Tap 2</td>
<td>37</td>
</tr>
<tr>
<td>Tap 3</td>
<td>51</td>
</tr>
<tr>
<td>Tap 4</td>
<td>71</td>
</tr>
</tbody>
</table>
**BLOWER DATA**

**SL280UH090V48B BLOWER PERFORMANCE (less filter)**

**SIDE RETURN AIR WITH OPTIONAL RETURN AIR BASE**

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Speed Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>+</td>
<td>1187</td>
<td>1520</td>
<td>1529</td>
</tr>
<tr>
<td>† NORM</td>
<td>1079</td>
<td>1382</td>
<td>1390</td>
</tr>
<tr>
<td>—</td>
<td>971</td>
<td>1244</td>
<td>1251</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>First Stage “HEAT” Speed - cfm</th>
<th>First Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1079</td>
<td>1150</td>
</tr>
<tr>
<td>† NORM</td>
<td>981</td>
<td>1045</td>
</tr>
<tr>
<td>—</td>
<td>883</td>
<td>941</td>
</tr>
</tbody>
</table>

† Factory default jumper setting.

**NOTES -** The effect of static pressure is included in air volumes shown.

- First stage HEAT is approximately 91% of the same second stage HEAT speed position.
- First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.
- Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

**Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 453 cfm.**

---

**SL280UH090V48B BLOWER MOTOR WATTS (COOLING)**

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage</td>
<td>Second Stage</td>
</tr>
<tr>
<td><strong>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Tap 2</td>
<td>57</td>
</tr>
<tr>
<td></td>
<td>Tap 3</td>
<td>76</td>
</tr>
<tr>
<td></td>
<td>Tap 4</td>
<td>106</td>
</tr>
<tr>
<td><strong>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>Tap 2</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>Tap 3</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td>Tap 4</td>
<td>81</td>
</tr>
<tr>
<td><strong>“−” (Minus) SETTING (“Adjust” Jumper at “−” Setting)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>Tap 2</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>Tap 3</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>Tap 4</td>
<td>69</td>
</tr>
</tbody>
</table>
### BLOWER DATA

**SL280UH090V60C BLOWER PERFORMANCE** (less filter)

**BOTTOM RETURN AIR, RETURN AIR FROM BOTH SIDES OR RETURN AIR FROM BOTTOM AND ONE SIDE**

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

---

#### Speed Switch Positions

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1319</td>
<td>1595</td>
</tr>
<tr>
<td>^^NORM</td>
<td>1199</td>
<td>1450</td>
</tr>
<tr>
<td>—</td>
<td>1079</td>
<td>1305</td>
</tr>
</tbody>
</table>

---

#### Switch Positions

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>First Stage “HEAT” Speed - cfm</th>
<th>First Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1184</td>
<td>1262</td>
</tr>
<tr>
<td>^^NORM</td>
<td>1076</td>
<td>1147</td>
</tr>
<tr>
<td>—</td>
<td>968</td>
<td>1032</td>
</tr>
</tbody>
</table>

---

1 Factory default jumper setting.

**NOTES** - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

**Lennox Harmony III™ Zoning System Applications** - Minimum blower speed is 478 cfm.

---

#### Motor Watts @ Various External Static Pressures - in. w.g.

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. w.g.</th>
<th>Second Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0.1</td>
</tr>
<tr>
<td></td>
<td>First Stage</td>
<td>Second Stage</td>
</tr>
<tr>
<td>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</td>
<td>89</td>
<td>113</td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>133</td>
<td>165</td>
</tr>
<tr>
<td>Tap 1</td>
<td>202</td>
<td>235</td>
</tr>
<tr>
<td>Tap 2</td>
<td>279</td>
<td>316</td>
</tr>
<tr>
<td>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</td>
<td>70</td>
<td>92</td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>99</td>
<td>130</td>
</tr>
<tr>
<td>Tap 1</td>
<td>148</td>
<td>180</td>
</tr>
<tr>
<td>Tap 2</td>
<td>214</td>
<td>241</td>
</tr>
<tr>
<td>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</td>
<td>54</td>
<td>70</td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>78</td>
<td>102</td>
</tr>
<tr>
<td>Tap 1</td>
<td>110</td>
<td>139</td>
</tr>
<tr>
<td>Tap 2</td>
<td>149</td>
<td>185</td>
</tr>
</tbody>
</table>
### BLOWER DATA

**SL280UH090V60C BLOWER PERFORMANCE (less filter)**

**SINGLE SIDE RETURN AIR**

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

#### Second Stage “HEAT” Speed - cfm

<table>
<thead>
<tr>
<th>Switch Positions</th>
<th>1</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>1</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>1253</td>
<td>1540</td>
<td>1610</td>
<td>1789</td>
<td>1515</td>
<td>1680</td>
<td>1915</td>
<td>2225</td>
<td></td>
<td></td>
</tr>
<tr>
<td>↑ NORM</td>
<td>1139</td>
<td>1400</td>
<td>1464</td>
<td>1626</td>
<td>1385</td>
<td>1540</td>
<td>1735</td>
<td>2055</td>
<td></td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>1025</td>
<td>1260</td>
<td>1318</td>
<td>1463</td>
<td>1220</td>
<td>1385</td>
<td>1580</td>
<td>1825</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Second Stage “COOL” Speed - cfm

<table>
<thead>
<tr>
<th>Switch Positions</th>
<th>1</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>1</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>1253</td>
<td>1540</td>
<td>1610</td>
<td>1789</td>
<td>1515</td>
<td>1680</td>
<td>1915</td>
<td>2225</td>
<td></td>
<td></td>
</tr>
<tr>
<td>↑ NORM</td>
<td>1139</td>
<td>1400</td>
<td>1464</td>
<td>1626</td>
<td>1385</td>
<td>1540</td>
<td>1735</td>
<td>2055</td>
<td></td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>1025</td>
<td>1260</td>
<td>1318</td>
<td>1463</td>
<td>1220</td>
<td>1385</td>
<td>1580</td>
<td>1825</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

**NOTES** - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 478 cfm.

### SL280UH090V60C BLOWER MOTOR WATTS (COOLING)

#### Jumper Speed Positions

<table>
<thead>
<tr>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td><strong>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</strong></td>
</tr>
<tr>
<td><strong>“COOL” Speed</strong></td>
</tr>
<tr>
<td><strong>Tap 2</strong></td>
</tr>
<tr>
<td><strong>Tap 3</strong></td>
</tr>
<tr>
<td><strong>Tap 4</strong></td>
</tr>
<tr>
<td><strong>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</strong></td>
</tr>
<tr>
<td><strong>“COOL” Speed</strong></td>
</tr>
<tr>
<td><strong>Tap 2</strong></td>
</tr>
<tr>
<td><strong>Tap 3</strong></td>
</tr>
<tr>
<td><strong>Tap 4</strong></td>
</tr>
<tr>
<td><strong>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</strong></td>
</tr>
<tr>
<td><strong>“COOL” Speed</strong></td>
</tr>
<tr>
<td><strong>Tap 2</strong></td>
</tr>
<tr>
<td><strong>Tap 3</strong></td>
</tr>
<tr>
<td><strong>Tap 4</strong></td>
</tr>
</tbody>
</table>
### BLOWER DATA

SL280UH090V60C BLOWER PERFORMANCE (less filter)
SIDE RETURN AIR WITH OPTIONAL RETURN AIR BASE
0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

#### “ADJUST” Switch Positions

<table>
<thead>
<tr>
<th>Speed Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1258</td>
<td>1595</td>
</tr>
<tr>
<td>-</td>
<td>1144</td>
<td>1450</td>
</tr>
<tr>
<td>† NORM</td>
<td>1030</td>
<td>1305</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Speed Switch Positions</th>
<th>First Stage “HEAT” Speed - cfm</th>
<th>First Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1124</td>
<td>1205</td>
</tr>
<tr>
<td>-</td>
<td>1022</td>
<td>1095</td>
</tr>
<tr>
<td>† NORM</td>
<td>920</td>
<td>986</td>
</tr>
</tbody>
</table>

† Factory default jumper setting.

**NOTES** - The effect of static pressure is included in air volumes shown.
First stage HEAT is approximately 91% of the same second stage HEAT speed position.
First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.
Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.
Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 478 cfm.

### SL280UH090V60C BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage</td>
</tr>
<tr>
<td></td>
<td>0</td>
</tr>
<tr>
<td>“PLUS” SETTING (“Adjust Jumper at “+” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td>Tap 2</td>
<td>92</td>
</tr>
<tr>
<td>Tap 3</td>
<td>138</td>
</tr>
<tr>
<td>Tap 4</td>
<td>216</td>
</tr>
<tr>
<td>“NORMAL” SETTING (“Adjust Jumper at “NORM” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td>Tap 2</td>
<td>74</td>
</tr>
<tr>
<td>Tap 3</td>
<td>104</td>
</tr>
<tr>
<td>Tap 4</td>
<td>178</td>
</tr>
<tr>
<td>“MINUS” SETTING (“Adjust Jumper at “-” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td>Tap 2</td>
<td>61</td>
</tr>
<tr>
<td>Tap 3</td>
<td>78</td>
</tr>
<tr>
<td>Tap 4</td>
<td>113</td>
</tr>
</tbody>
</table>

SL280UHV / Page 23
## BLOWER DATA

**SL280UH110V60C BLOWER PERFORMANCE (less filter)**

**BOTTOM RETURN AIR, RETURN AIR FROM BOTH SIDES OR RETURN AIR FROM BOTTOM AND ONE SIDE**

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Speed Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>+</td>
<td>1546</td>
<td>1935</td>
<td>1950</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>+ NORM</td>
<td>1405</td>
<td>1759</td>
<td>1773</td>
</tr>
<tr>
<td>-</td>
<td>1265</td>
<td>1583</td>
<td>1596</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>+</td>
<td>1431</td>
<td>1497</td>
<td>1783</td>
</tr>
<tr>
<td>+ NORM</td>
<td>1301</td>
<td>1361</td>
<td>1621</td>
</tr>
<tr>
<td>-</td>
<td>1171</td>
<td>1225</td>
<td>1459</td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

**NOTES -**
The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 483 cfm.

### SL280UH110V60C BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
<th>First Stage</th>
<th>Second Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0</td>
<td>0.1</td>
</tr>
</tbody>
</table>

| **“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)** | **COOL** Speed | Tap 1 | 89  | 116 | 144 | 159 | 201 | 222 | 245 | 274 | 298 | 234 | 259 | 304 | 360 | 385 | 408 | 451 | 484 | 530 | 553 | 596 |
|-------------------------------------------------------|----------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| **“COOL” Speed**                                      | Tap 2          | 108  | 135 | 170 | 196 | 228 | 259 | 286 | 320 | 343 | 297 | 340 | 380 | 409 | 459 | 502 | 539 | 570 | 616 | 660 | 702 |
|                                                       | Tap 3          | 136  | 164 | 202 | 236 | 269 | 300 | 331 | 370 | 392 | 390 | 420 | 497 | 530 | 585 | 630 | 677 | 727 | 777 | 815 | 854 |
|                                                       | Tap 4          | 252  | 275 | 329 | 366 | 396 | 441 | 472 | 493 | 537 | 702 | 734 | 780 | 841 | 907 | 957 | 1013| 1048| 1100| 1124| 1148|
| **“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)** | **COOL** Speed | Tap 1 | 71  | 98  | 118 | 139 | 166 | 184 | 207 | 237 | 262 | 179 | 203 | 244 | 281 | 329 | 356 | 388 | 425 | 453 | 480 | 519 |
|                                                       | Tap 2          | 86   | 118 | 138 | 154 | 187 | 212 | 237 | 266 | 291 | 223 | 251 | 288 | 342 | 377 | 399 | 449 | 474 | 513 | 548 | 578 |
|                                                       | Tap 3          | 99   | 132 | 160 | 184 | 222 | 254 | 277 | 308 | 343 | 299 | 341 | 384 | 420 | 472 | 497 | 540 | 599 | 632 | 674 | 709 |
|                                                       | Tap 4          | 192  | 227 | 258 | 299 | 333 | 376 | 409 | 434 | 471 | 493 | 540 | 591 | 653 | 705 | 760 | 829 | 869 | 919 | 965 | 1005|
| **“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)** | **COOL” Speed  | Tap 1 | 60  | 78  | 104 | 122 | 144 | 168 | 187 | 205 | 226 | 133 | 162 | 191 | 225 | 262 | 289 | 324 | 357 | 385 | 410 | 436 |
|                                                       | Tap 2          | 68   | 94  | 116 | 132 | 150 | 177 | 203 | 220 | 251 | 163 | 189 | 224 | 263 | 292 | 333 | 364 | 392 | 431 | 458 | 473 |
|                                                       | Tap 3          | 80   | 109 | 128 | 151 | 174 | 204 | 229 | 252 | 279 | 224 | 251 | 293 | 326 | 370 | 398 | 439 | 467 | 491 | 531 | 570 |
|                                                       | Tap 4          | 131  | 165 | 196 | 226 | 265 | 300 | 336 | 356 | 397 | 365 | 406 | 460 | 511 | 558 | 603 | 643 | 705 | 743 | 792 | 835 |
### BLOWER DATA

**SL280UH110V60C BLOWER PERFORMANCE (less filter)**

**SINGLE SIDE RETURN AIR**

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

#### Speed Switch Positions

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1505</td>
<td>1880</td>
</tr>
<tr>
<td>† NORM</td>
<td>1368</td>
<td>1709</td>
</tr>
<tr>
<td>—</td>
<td>1231</td>
<td>1538</td>
</tr>
</tbody>
</table>

#### Switch Positions

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>First Stage “HEAT” Speed - cfm</th>
<th>First Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1375</td>
<td>1455</td>
</tr>
<tr>
<td>† NORM</td>
<td>1250</td>
<td>1323</td>
</tr>
<tr>
<td>—</td>
<td>1125</td>
<td>1191</td>
</tr>
</tbody>
</table>

† Factory default jumper setting.

**NOTES**

- The effect of static pressure is included in air volumes shown.
- First stage HEAT is approximately 91% of the same second stage HEAT speed position.
- First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.
- Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.
- Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 483 cfm.

#### SL280UH110V60C BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage</td>
<td>Second Stage</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>0.1</td>
</tr>
<tr>
<td>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed Tap 1</td>
<td>84</td>
<td>116</td>
</tr>
<tr>
<td>Tap 2</td>
<td>99</td>
<td>128</td>
</tr>
<tr>
<td>Tap 3</td>
<td>128</td>
<td>157</td>
</tr>
<tr>
<td>Tap 4</td>
<td>238</td>
<td>274</td>
</tr>
<tr>
<td>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed Tap 1</td>
<td>73</td>
<td>96</td>
</tr>
<tr>
<td>Tap 2</td>
<td>81</td>
<td>108</td>
</tr>
<tr>
<td>Tap 3</td>
<td>92</td>
<td>123</td>
</tr>
<tr>
<td>Tap 4</td>
<td>175</td>
<td>202</td>
</tr>
<tr>
<td>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed Tap 1</td>
<td>56</td>
<td>74</td>
</tr>
<tr>
<td>Tap 2</td>
<td>69</td>
<td>92</td>
</tr>
<tr>
<td>Tap 3</td>
<td>78</td>
<td>107</td>
</tr>
<tr>
<td>Tap 4</td>
<td>124</td>
<td>157</td>
</tr>
</tbody>
</table>
BLOWER DATA

SL280UH110V60C BLOWER PERFORMANCE (less filter)
SIDE RETURN AIR WITH OPTIONAL RETURN AIR BASE
0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Speed Switch Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Second Stage “HEAT” Speed - cfm</td>
</tr>
<tr>
<td></td>
<td>1</td>
</tr>
<tr>
<td>+</td>
<td>1504</td>
</tr>
<tr>
<td>NORM</td>
<td>1367</td>
</tr>
<tr>
<td>—</td>
<td>1230</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>First Stage “HEAT” Speed - cfm</th>
<th>First Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1377</td>
<td>1450</td>
</tr>
<tr>
<td>NORM</td>
<td>1252</td>
<td>1318</td>
</tr>
<tr>
<td>—</td>
<td>1127</td>
<td>1186</td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.
First stage HEAT is approximately 91% of the same second stage HEAT speed position.
First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.
Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.
Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 483 cfm.

SL280UH110V60C BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage</td>
</tr>
<tr>
<td></td>
<td>0</td>
</tr>
<tr>
<td>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>81</td>
</tr>
<tr>
<td>Tap 2</td>
<td>87</td>
</tr>
<tr>
<td>Tap 3</td>
<td>131</td>
</tr>
<tr>
<td>Tap 4</td>
<td>196</td>
</tr>
<tr>
<td>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>64</td>
</tr>
<tr>
<td>Tap 2</td>
<td>72</td>
</tr>
<tr>
<td>Tap 3</td>
<td>97</td>
</tr>
<tr>
<td>Tap 4</td>
<td>142</td>
</tr>
<tr>
<td>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>53</td>
</tr>
<tr>
<td>Tap 2</td>
<td>57</td>
</tr>
<tr>
<td>Tap 3</td>
<td>81</td>
</tr>
<tr>
<td>Tap 4</td>
<td>101</td>
</tr>
</tbody>
</table>
## BLOWER DATA

SL280UH135V60D BLOWER PERFORMANCE (less filter)

### BOTTOM RETURN AIR, RETURN AIR FROM BOTH SIDES OR RETURN AIR FROM BOTTOM AND ONE SIDE

<table>
<thead>
<tr>
<th>0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range</th>
</tr>
</thead>
</table>

### Switch Positions

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Speed Switch Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Second Stage “HEAT” Speed - cfm</td>
</tr>
<tr>
<td>+</td>
<td>1676</td>
</tr>
<tr>
<td>¹ NORM</td>
<td>1524</td>
</tr>
<tr>
<td>—</td>
<td>1372</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Speed Switch Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage “HEAT” Speed - cfm</td>
</tr>
<tr>
<td>+</td>
<td>1554</td>
</tr>
<tr>
<td>¹ NORM</td>
<td>1413</td>
</tr>
<tr>
<td>—</td>
<td>1272</td>
</tr>
</tbody>
</table>

¹ Factory default jumper setting.

### NOTES
- The effect of static pressure is included in air volumes shown.
- First stage HEAT is approximately 91% of the same second stage HEAT speed position.
- First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.
- Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.
- Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 495 cfm.

### SL280UH135V60D BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>¹</td>
<td>First Stage</td>
</tr>
<tr>
<td>0.1</td>
<td>0.2</td>
</tr>
<tr>
<td>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td>Tap 2</td>
<td>80</td>
</tr>
<tr>
<td>Tap 3</td>
<td>119</td>
</tr>
<tr>
<td>Tap 4</td>
<td>239</td>
</tr>
<tr>
<td>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td>Tap 2</td>
<td>63</td>
</tr>
<tr>
<td>Tap 3</td>
<td>86</td>
</tr>
<tr>
<td>Tap 4</td>
<td>160</td>
</tr>
<tr>
<td>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1</td>
</tr>
<tr>
<td>Tap 2</td>
<td>50</td>
</tr>
<tr>
<td>Tap 3</td>
<td>71</td>
</tr>
<tr>
<td>Tap 4</td>
<td>127</td>
</tr>
</tbody>
</table>
### BLOWER DATA

**SL280UH135V60D BLOWER PERFORMANCE (less filter)**

**SINGLE SIDE RETURN AIR**

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

#### “ADJUST” Switch Positions

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1660</td>
<td>1815</td>
</tr>
<tr>
<td>↓ NORM</td>
<td>1509</td>
<td>1650</td>
</tr>
<tr>
<td>—</td>
<td>1358</td>
<td>1485</td>
</tr>
</tbody>
</table>

#### “ADJUST” Switch Positions (Second Stage “HEAT” Speed - cfm)

<table>
<thead>
<tr>
<th>“ADJUST” Switch Positions</th>
<th>First Stage “HEAT” Speed - cfm</th>
<th>First Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>+</td>
<td>1521</td>
<td>1640</td>
</tr>
<tr>
<td>↓ NORM</td>
<td>1383</td>
<td>1491</td>
</tr>
<tr>
<td>—</td>
<td>1245</td>
<td>1342</td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

**NOTES** - The effect of static pressure is included in air volumes shown.

- First stage HEAT is approximately 91% of the same second stage HEAT speed position.
- First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.
- Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

**Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 495 cfm.**

### SL280UH135V60D BLOWER MOTOR WATTS (COOLING)

#### Jumper Speed Positions

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
</tr>
<tr>
<td><strong>“+” (Plus) SETTING (“Adjust” Jumper at “+” Setting)</strong></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>66</td>
</tr>
<tr>
<td>Tap 2</td>
<td>82</td>
</tr>
<tr>
<td>Tap 3</td>
<td>114</td>
</tr>
<tr>
<td>Tap 4</td>
<td>233</td>
</tr>
<tr>
<td><strong>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</strong></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>49</td>
</tr>
<tr>
<td>Tap 2</td>
<td>58</td>
</tr>
<tr>
<td>Tap 3</td>
<td>76</td>
</tr>
<tr>
<td>Tap 4</td>
<td>162</td>
</tr>
<tr>
<td><strong>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</strong></td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td></td>
</tr>
<tr>
<td>Tap 1</td>
<td>41</td>
</tr>
<tr>
<td>Tap 2</td>
<td>50</td>
</tr>
<tr>
<td>Tap 3</td>
<td>73</td>
</tr>
<tr>
<td>Tap 4</td>
<td>118</td>
</tr>
</tbody>
</table>
### BLOWER DATA

SL280UH135V60D BLOWER PERFORMANCE (less filter)

SIDE RETURN AIR WITH OPTIONAL RETURN AIR BASE

0 through 0.8 in. w.g. (Heating) and 0 through 1.0 in. w.g. (Cooling) External Static Pressure Range

<table>
<thead>
<tr>
<th>Switch Positions</th>
<th>Second Stage “HEAT” Speed - cfm</th>
<th>Second Stage “COOL” Speed - cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1651</td>
<td>1525</td>
</tr>
<tr>
<td>2</td>
<td>1815</td>
<td>1610</td>
</tr>
<tr>
<td>3</td>
<td>1855</td>
<td>1645</td>
</tr>
<tr>
<td>4</td>
<td>2257</td>
<td>2035</td>
</tr>
<tr>
<td>NORM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1501</td>
<td>1360</td>
</tr>
<tr>
<td>2</td>
<td>1650</td>
<td>1445</td>
</tr>
<tr>
<td>3</td>
<td>1686</td>
<td>1465</td>
</tr>
<tr>
<td>4</td>
<td>2052</td>
<td>2035</td>
</tr>
<tr>
<td>—</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1351</td>
<td>1220</td>
</tr>
<tr>
<td>2</td>
<td>1485</td>
<td>1310</td>
</tr>
<tr>
<td>3</td>
<td>1517</td>
<td>1515</td>
</tr>
<tr>
<td>4</td>
<td>1847</td>
<td>1845</td>
</tr>
</tbody>
</table>

1 Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.
First stage HEAT is approximately 91% of the same second stage HEAT speed position.
First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.
Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm.

Lennox Harmony III™ Zoning System Applications - Minimum blower speed is 495 cfm.

### SL280UH135V60D BLOWER MOTOR WATTS (COOLING)

<table>
<thead>
<tr>
<th>Jumper Speed Positions</th>
<th>Motor Watts @ Various External Static Pressures - in. wg.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Stage</td>
</tr>
<tr>
<td></td>
<td>0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0</td>
</tr>
<tr>
<td>+ (Plus) SETTING (“Adjust” Jumper at “+” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1 63 90 116 139 160 194 218 248 268 160 195 232 269 314 357 391 438 469 493 531</td>
</tr>
<tr>
<td>Tap 2 70 104 127 150 183 209 242 265 306 196 233 273 313 363 402 442 470 520 553 592</td>
<td></td>
</tr>
<tr>
<td>Tap 3 98 134 168 200 243 271 306 342 377 276 331 364 426 473 521 568 616 664 726 761</td>
<td></td>
</tr>
<tr>
<td>Tap 4 200 239 273 324 362 391 438 474 514 584 628 680 747 812 881 922 985 1035 1069 1116</td>
<td></td>
</tr>
<tr>
<td>“NORM” (Normal) SETTING (“Adjust” Jumper at “NORM” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1 46 76 96 123 143 168 192 225 252 121 166 187 231 264 310 342 374 414 448 494</td>
</tr>
<tr>
<td>Tap 2 55 80 111 132 155 188 210 242 260 146 174 224 263 306 344 381 417 464 490 525</td>
<td></td>
</tr>
<tr>
<td>Tap 3 72 107 127 167 200 228 264 296 316 220 258 316 349 404 441 482 522 571 609 666</td>
<td></td>
</tr>
<tr>
<td>Tap 4 142 183 215 251 315 334 377 411 454 431 466 550 604 677 725 780 828 888 941 998</td>
<td></td>
</tr>
<tr>
<td>“—” (Minus) SETTING (“Adjust” Jumper at “—” Setting)</td>
<td></td>
</tr>
<tr>
<td>“COOL” Speed</td>
<td>Tap 1 41 62 86 102 124 145 167 189 210 85 116 154 178 208 242 281 309 340 375 401</td>
</tr>
<tr>
<td>Tap 2 47 69 93 115 136 157 181 201 228 104 145 174 202 242 281 310 343 374 432 448</td>
<td></td>
</tr>
<tr>
<td>Tap 3 61 90 117 136 159 191 219 245 272 158 185 228 279 312 352 396 431 466 495 526</td>
<td></td>
</tr>
<tr>
<td>Tap 4 103 138 176 203 246 274 312 347 382 278 320 383 431 475 542 592 646 686 733 779</td>
<td></td>
</tr>
<tr>
<td>Sections</td>
<td>Description of Change</td>
</tr>
<tr>
<td>----------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Specifications</td>
<td>Heating inputs and outputs revised.</td>
</tr>
</tbody>
</table>