

E1/K1/T1EH ELECTRIC HEATERS**INSTALLATION INSTRUCTIONS FOR ELECTRIC HEAT (LB-111141A-AA & 602424-01-25; 14W32-46, 30W26, 46W28-42 67W88-95 & 12F06) AND FUSE BLOCKS (LB-112399A-AA; 17W94-18W08, 26W68, 26W69, 52W14-16, 52W35) USED WITH LC/KC/KH 024-090 UNITS****Shipping and Packing List****Electric Heat Package Contains:**

- 1- Electric element/control box assembly
- 1- Bag assembly containing:
 - 1- Wiring diagram sticker

Fuse Block Assembly Contains (KC/KH Only):**(ordered and shipped separately)**

- 1- Fuse block assembly
- 1- TB2 terminal block
- 2- Wiring harnesses
- 1- Fuse block cover assembly
- 1- Bag assembly containing:
 - 8- Screws
 - 3- Fuses (2 on 17W94-99, 28W68, 28W69, & 12F06)

Inspect package upon receiving. If damage is found, contact last carrier immediately.

Requirements

Installation of electric heaters must conform with the standards of the National Fire Protection Association (NFPA) "Standard for the Installation of Air Conditioning and Ventilating Systems," NFPA No. 90A; "Standard for the Installation of Residence Type Warm Air heating and Air Conditioning Systems," NFPA No. 90B; in Canada, CSA C22.1 Canadian Electrical Code Part I and all applicable CSA requirements; manufacturer's installation instructions and local municipal building codes. Heaters are approved for clearance to combustible materials as listed on heater rating plate. Accessibility and service clearances must take precedence over fire protection clearance. All wiring must conform with local codes and the current National Electric Code (NEC) ANSI-C1 and in Canada, CSA C22.1 Canadian Electrical Code Part I and applicable CSA requirements.

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional HVAC installer or equivalent, service agency, or the gas supplier

⚠ CAUTION

As with any mechanical equipment, contact with sharp sheet metal edges can result in personal injury. Take care while handling this equipment and wear gloves and protective clothing.

Application

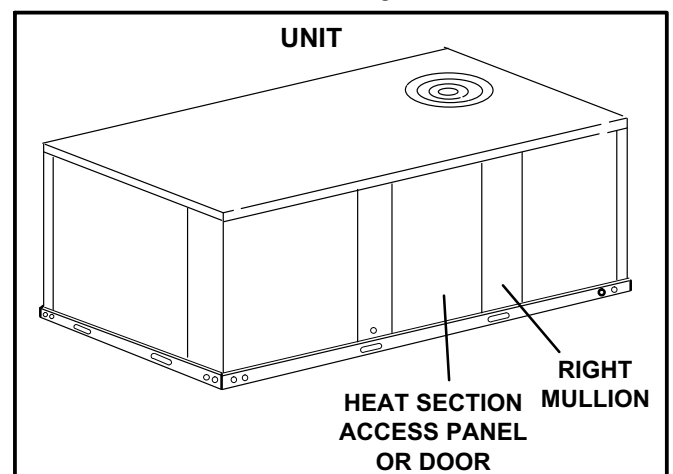
Electric heat is used as primary heaters in LC/KC 024-090 units and as a secondary heat source in KH 024-072 heat pump units. See table 1 for usage.

TABLE 1

| Unit | Electric Heat (kW) | |
|----------|--------------------------|---------------------|
| | 208-230, 460, 575V 60 Hz | 380-420V 50 Hz |
| 024, 030 | 5.0, 7.5, 10 | -- |
| 036, 048 | 7.5, 15 | 5.7, 11.5 |
| 060 | 7.5, 15, 22.5 | 5.7, 11.5, 17.2 |
| 072, 090 | 7.5, 15, 22.5, 30 | 5.7, 11.5, 17.2, 23 |

Electric Heat Installation

- 1- Disconnect all power to unit.
- 2- Open or remove the unit heat access panel. See figure 1. If the panel is hinged, remove the right mullion.
- 3- Disconnect P2 jumper from J2 unit electric heat jack on heat section wall. See figure 2.

**FIGURE 1**

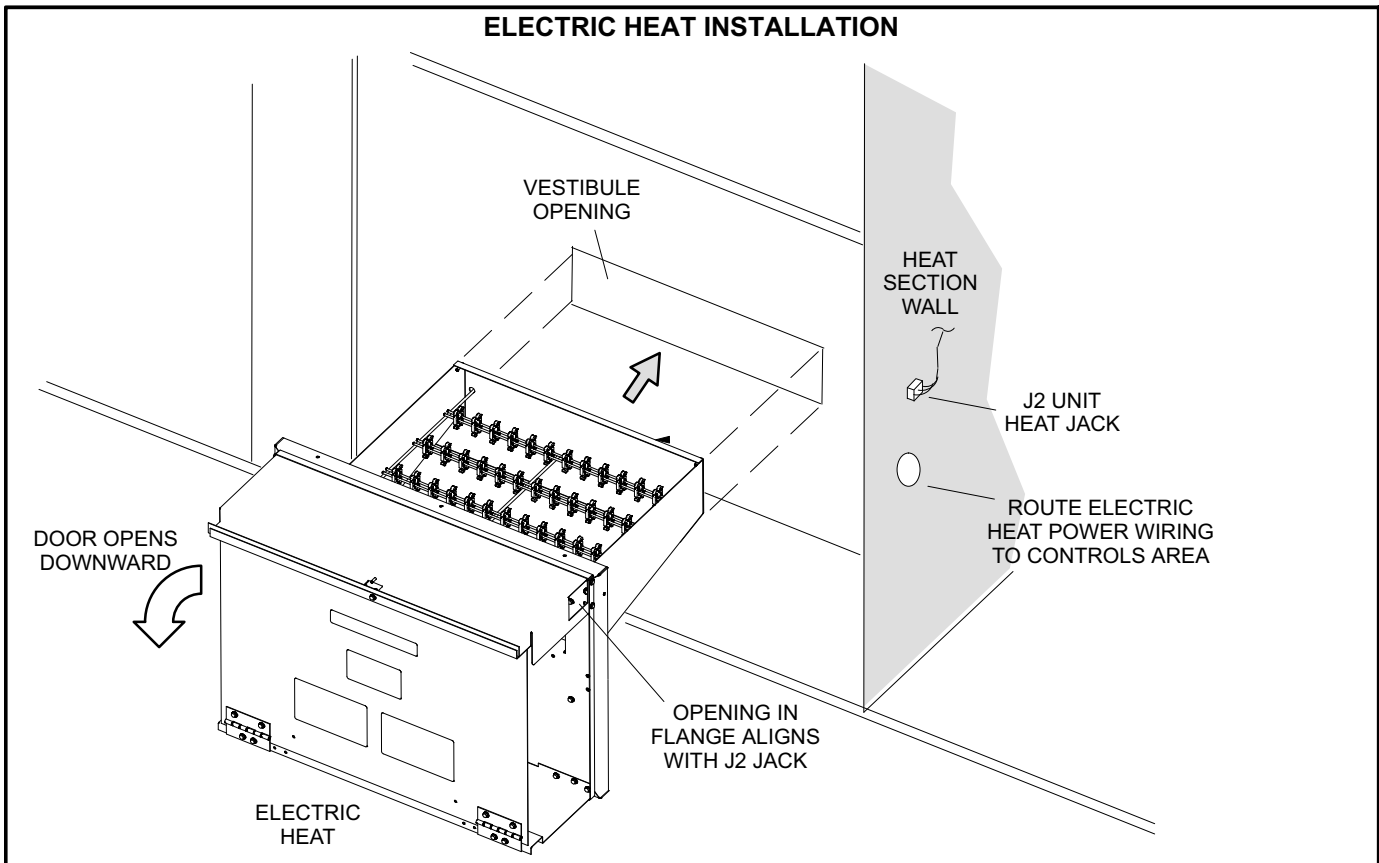


FIGURE 2

- 4- Remove the cover over the heat vestibule opening and retain screws.
- 5- Install the electric heat assembly in unit as shown in figure 2.
- 6- Open electric heat assembly door and secure assembly to the vestibule with retained screws.
- 7- Connect P2 from electric heat assembly to J2 in heat section wall. See figure 2.
- 8- Route power wiring through knockout in heat section wall.

Fuse Block & TB2 Terminal Block

- 1- Insert fuses from bag assembly in fuse block assembly.
- 2- Install fuse block and TB2 terminal block in locations shown in figure 3. Secure with #8 screws provided. Retain three screws to secure fuse block enclosure.

Field Wiring Connections

Wiring must conform to local codes and the current NEC/CEC. Refer closely to figure 3, the field wiring diagram in this kit, and the following information: If heater is being installed in an existing unit, a change in power supply wiring may be required. Remove the original supply wires or disconnect at power source. Refer to heater nameplate for minimum circuit ampacity and maximum fuse size.

- 1- When installing electric heat in an existing unit, disconnect power wiring to top of K1 contactor. Reconnect power wiring to the bottom of the TB2 terminal block.
- 2- Route power wires from electric heat assembly to control area. Connect wire to load side of TB2 terminal block. Refer to figure 3.
- 3- Locate the two harnesses provided in the kit. Install the longer harness between K1 contactor and F4 fuse block. Install the shorter harness between F4 fuse block and TB2 terminal block. Connect to the terminal marked on each wire.

Wiring Diagram

Place electric heat wiring diagram (provided) on the inner side of compressor access panel.

Fuse Block Cover - LC Units

- 1- Place cover over fuse block and align with holes in panel. Secure with three retained screws.

Enable Electric Heat - LC Units

Refer to the Unit Controller Installation and Setup Guide to enable electric heat. Use the menu navigation arrows and select button; see *Settings -> Install -> Electric Heat Stages ->1*.

SCR Electric Heat Controller (LCH Units)

The SCR is a factory-installed option only; this kit would be used to replace an existing electric heat assembly. When replacing the electric heat assembly, discard the longer power harness provided in this kit (power wiring is supplied with factory-installed SCR units).

The SCR (A38) will provide small amounts of power to the electric heat elements to efficiently maintain warm duct air temperatures when there is no heating demand. The SCR maintains duct air temperature based on input from a field-provided and installed thermostat (A104) and duct sensor (RT20). SCR is located in the compressor section on the left wall. Use only with a thermostat or Novar control system.

Use the instructions provided with the thermostat to set DIP switches as follows: S1 On, S2 Off, S3 Off. Use the instructions provided with the duct sensor to install sensor away from electric element radiant heat and in a location where discharge air is a mixed average temperature.

Once power is supplied to unit, zero SCR as follows:

1. Adjust thermostat (A104) to minimum position.

2. Use a small screwdriver to slowly turn the ZERO potentiometer on the SCR until the LED turns solid red.
3. Very slowly adjust the potentiometer the opposite direction until the LED turns off.

Blower Speed Requirements

Electric heater applications require specific blower air volumes. Refer to pages 4 through 36 for proper blower speeds. Refer to pages 37 to 43 for accessory air resistance tables.

Note - Minimum air requirements are shown on page 44; do not set CFM lower than minimum CFM listed.

Unit Start-Up (Heating Cycle)

Set room thermostat for proper heat or auto operation if switching subbase is used. Apply power to unit and position heat setpoint lever above room temperature. Refer to unit installation instructions for additional information on start-up operations and adjustments.

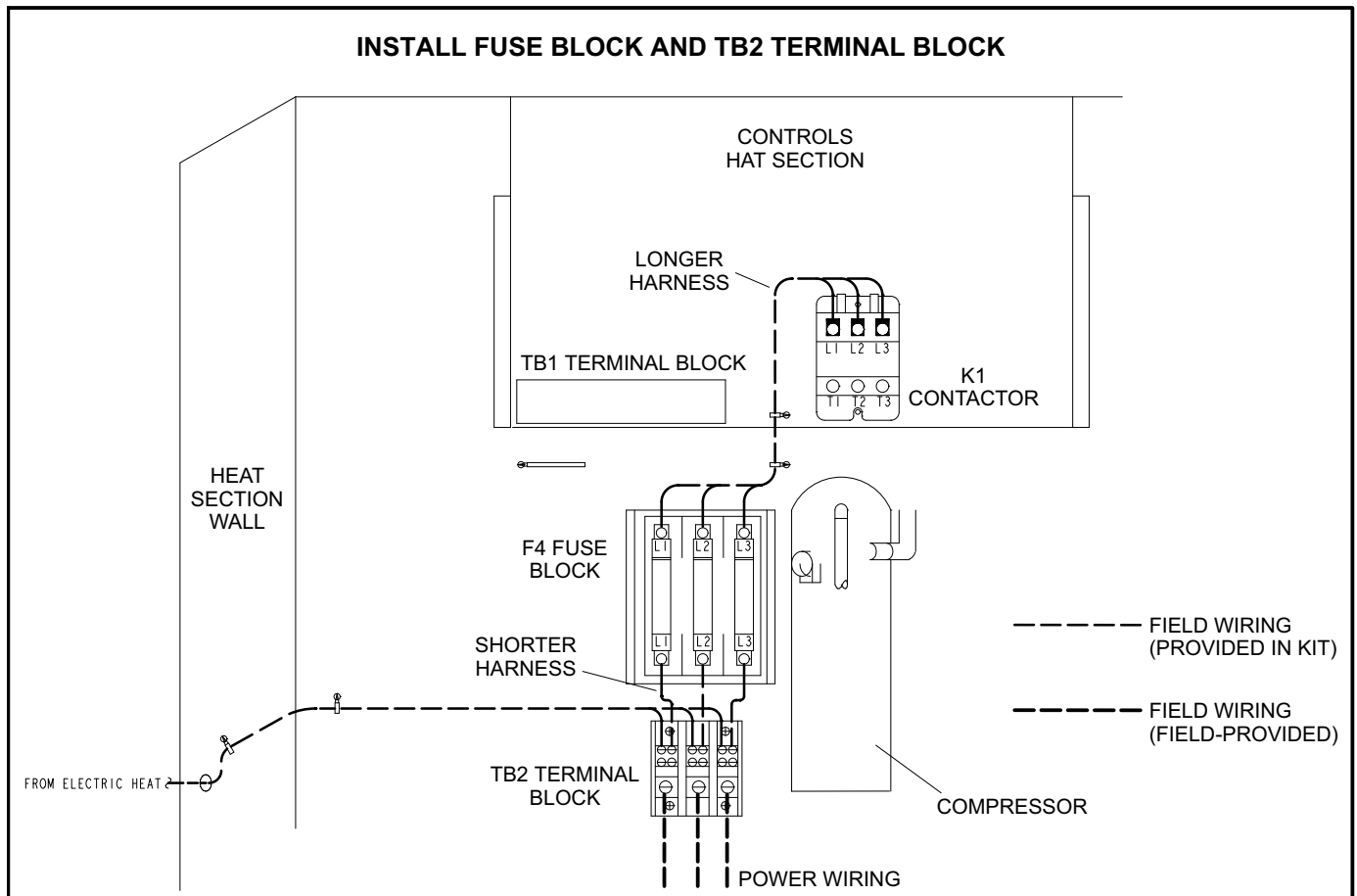


FIGURE 3

DIRECT DRIVE BLOWER PERFORMANCE

| External Static Pressure (in. w.g.) | Air Volume (cfm) at Various Blower Speeds | | | | | |
|---|---|--------|----------------------------|-----------|--------|-----|
| | 208 VOLTS | | | 230 VOLTS | | |
| | High | Medium | Low | High | Medium | Low |
| 2 and 2.5 Ton Standard Efficiency (Down-Flow) | | | KC 024S and KC 030S | | | |
| 0.0 | 1230 | 975 | 845 | 1425 | 1125 | 910 |
| 0.1 | 1220 | 940 | 815 | 1395 | 1110 | 875 |
| 0.2 | 1205 | 910 | 775 | 1375 | 1085 | 845 |
| 0.3 | 1185 | 880 | 730 | 1350 | 1055 | 815 |
| 0.4 | 1155 | 845 | 680 | 1320 | 1010 | 780 |
| 0.5 | 1115 | 800 | --- | 1280 | 955 | 740 |
| 0.6 | 1060 | 750 | --- | 1225 | 895 | 690 |
| 0.7 | 985 | 685 | --- | 1150 | 830 | --- |
| 0.8 | 890 | --- | --- | 1050 | 755 | --- |
| 0.9 | 770 | --- | --- | 920 | 680 | --- |
| 1.0 | --- | --- | --- | 760 | --- | --- |
| 2 and 2.5 Ton Standard Efficiency (Horizontal) | | | KC 024S and KC 030S | | | |
| 0.0 | 1165 | 925 | 800 | 1350 | 1065 | 865 |
| 0.1 | 1155 | 895 | 770 | 1325 | 1055 | 830 |
| 0.2 | 1140 | 865 | 735 | 1300 | 1030 | 800 |
| 0.3 | 1125 | 835 | 695 | 1280 | 1000 | 770 |
| 0.4 | 1095 | 800 | 645 | 1250 | 955 | 740 |
| 0.5 | 1055 | 760 | --- | 1215 | 905 | 700 |
| 0.6 | 1005 | 710 | --- | 1160 | 850 | 655 |
| 0.7 | 935 | 650 | --- | 1090 | 785 | --- |
| 0.8 | 845 | --- | --- | 995 | 720 | --- |
| 0.9 | 730 | --- | --- | 875 | 645 | --- |
| 1.0 | --- | --- | --- | 720 | --- | --- |

DIRECT DRIVE BLOWER PERFORMANCE

| External Static Pressure (in. w.g.) | Air Volume (cfm) at Various Blower Speeds | | | | | | | | |
|---|---|--------|------|-----------|--------|----------------------------|---------------|--------|------|
| | 208 VOLTS | | | 230 VOLTS | | | 460/575 VOLTS | | |
| | High | Medium | Low | High | Medium | Low | High | Medium | Low |
| 3 and 4 Ton Standard Efficiency (Down-Flow) | | | | | | KC 036S and KC 048S | | | |
| 0.0 | 1990 | 1625 | 1145 | 2175 | 1825 | 1330 | 2100 | 1735 | 1220 |
| 0.1 | 1935 | 1595 | 1145 | 2100 | 1790 | 1320 | 2050 | 1705 | 1215 |
| 0.2 | 1885 | 1565 | 1130 | 2040 | 1755 | 1300 | 2000 | 1665 | 1205 |
| 0.3 | 1830 | 1530 | 1095 | 1980 | 1710 | 1265 | 1945 | 1625 | 1180 |
| 0.4 | 1775 | 1485 | 1050 | 1915 | 1660 | 1215 | 1885 | 1575 | 1145 |
| 0.5 | 1710 | 1425 | 980 | 1850 | 1595 | 1150 | 1815 | 1520 | 1095 |
| 0.6 | 1630 | 1350 | 900 | 1765 | 1510 | 1070 | 1735 | 1450 | 1025 |
| 0.7 | 1540 | 1255 | 800 | 1660 | 1405 | 975 | 1640 | 1375 | 940 |
| 0.8 | 1425 | 1140 | --- | 1535 | 1280 | --- | 1530 | 1285 | --- |
| 0.9 | 1285 | 1000 | --- | 1375 | 1120 | --- | 1405 | 1185 | --- |
| 1.0 | 1125 | --- | --- | 1180 | --- | --- | 1260 | --- | --- |
| 3 and 4 Ton Standard Efficiency (Horizontal) | | | | | | KC 036S and KC 048S | | | |
| 0.0 | 1890 | 1545 | 1090 | 2060 | 1740 | 1265 | 2085 | 1745 | 1260 |
| 0.1 | 1830 | 1515 | 1090 | 1990 | 1700 | 1255 | 2020 | 1700 | 1240 |
| 0.2 | 1780 | 1480 | 1070 | 1930 | 1660 | 1230 | 1960 | 1660 | 1225 |
| 0.3 | 1730 | 1445 | 1040 | 1870 | 1615 | 1200 | 1900 | 1620 | 1205 |
| 0.4 | 1675 | 1400 | 995 | 1810 | 1565 | 1150 | 1835 | 1575 | 1170 |
| 0.5 | 1610 | 1340 | 930 | 1740 | 1500 | 1090 | 1760 | 1515 | 1115 |
| 0.6 | 1530 | 1260 | 845 | 1650 | 1410 | 1010 | 1680 | 1440 | 1035 |
| 0.7 | 1420 | 1160 | 745 | 1535 | 1295 | 905 | 1580 | 1340 | 915 |
| 0.8 | 1290 | 1025 | --- | 1385 | 1150 | --- | 1460 | 1210 | --- |
| 0.9 | 1120 | 865 | --- | 1195 | 965 | --- | 1320 | 1045 | --- |
| 1.0 | 910 | --- | --- | 960 | --- | --- | 1155 | --- | --- |

DIRECT DRIVE BLOWER PERFORMANCE

| External Static Pressure (in. w.g.) | Air Volume (cfm) at Various Blower Speeds | | | | | |
|---|---|------|-----------|------|---------------|----------------|
| | 208 VOLTS | | 230 VOLTS | | 460/575 VOLTS | |
| | High | Low | High | Low | High | Low |
| 5 Ton Standard Efficiency (Down-Flow) | | | | | | KC 060S |
| 0.0 | 2140 | 1655 | 2315 | 1935 | 2155 | 1715 |
| 0.1 | 2110 | 1650 | 2280 | 1910 | 2085 | 1695 |
| 0.2 | 2080 | 1645 | 2245 | 1885 | 2035 | 1685 |
| 0.3 | 2045 | 1635 | 2205 | 1860 | 2000 | 1675 |
| 0.4 | 2005 | 1615 | 2160 | 1830 | 1970 | 1660 |
| 0.5 | 1965 | 1590 | 2105 | 1790 | 1940 | 1640 |
| 0.6 | 1910 | 1555 | 2045 | 1745 | 1905 | 1610 |
| 0.7 | 1845 | 1500 | 1970 | 1685 | 1855 | 1565 |
| 0.8 | 1765 | 1435 | 1885 | 1615 | 1790 | 1495 |
| 0.9 | 1675 | 1350 | 1785 | 1525 | 1700 | 1405 |
| 1.0 | 1565 | --- | 1665 | --- | 1580 | --- |
| 5 Ton Standard Efficiency (Horizontal) | | | | | | KC 060S |
| 0.0 | 2030 | 1600 | 2190 | 1870 | 2215 | 1800 |
| 0.1 | 1990 | 1595 | 2150 | 1850 | 2165 | 1796 |
| 0.2 | 1950 | 1585 | 2105 | 1820 | 2120 | 1780 |
| 0.3 | 1905 | 1565 | 2055 | 1780 | 2070 | 1750 |
| 0.4 | 1860 | 1535 | 2000 | 1735 | 2020 | 1715 |
| 0.5 | 1805 | 1495 | 1935 | 1685 | 1965 | 1670 |
| 0.6 | 1740 | 1450 | 1865 | 1625 | 1900 | 1615 |
| 0.7 | 1670 | 1390 | 1785 | 1560 | 1830 | 1550 |
| 0.8 | 1590 | 1320 | 1695 | 1485 | 1750 | 1475 |
| 0.9 | 1500 | 1240 | 1600 | 1400 | 1650 | 1385 |
| 1.0 | 1395 | --- | 1485 | --- | 1535 | --- |

DIRECT DRIVE BLOWER PERFORMANCE

| External Static Pressure (in. w.g.) | Air Volume (cfm) at Various Blower Speeds | | | | | | | | |
|---|---|--------|------|-----------|--------|------|---------------|--------|----------------|
| | 208 VOLTS | | | 230 VOLTS | | | 460/575 VOLTS | | |
| | High | Medium | Low | High | Medium | Low | High | Medium | Low |
| 4 Ton Standard Efficiency (Down-Flow) | | | | | | | | | KH 048S |
| 0.0 | 2175 | 1825 | 1330 | 1990 | 1625 | 1145 | 2100 | 1735 | 1220 |
| 0.1 | 2100 | 1790 | 1320 | 1935 | 1595 | 1145 | 2050 | 1705 | 1215 |
| 0.2 | 2040 | 1755 | 1300 | 1885 | 1565 | 1130 | 2000 | 1665 | 1205 |
| 0.3 | 1980 | 1710 | 1265 | 1830 | 1530 | 1095 | 1945 | 1625 | 1180 |
| 0.4 | 1915 | 1660 | 1215 | 1775 | 1485 | 1050 | 1885 | 1575 | 1145 |
| 0.5 | 1850 | 1595 | 1150 | 1710 | 1425 | 980 | 1815 | 1520 | 1095 |
| 0.6 | 1765 | 1510 | 1070 | 1630 | 1350 | 900 | 1735 | 1450 | 1025 |
| 0.7 | 1660 | 1405 | 975 | 1540 | 1255 | 800 | 1640 | 1375 | 940 |
| 0.8 | 1535 | 1280 | --- | 1425 | 1140 | --- | 1530 | 1285 | --- |
| 0.9 | 1375 | 1120 | --- | 1285 | 1000 | --- | 1405 | 1185 | --- |
| 1.0 | 1180 | --- | --- | 1125 | --- | --- | 1260 | --- | --- |
| 4 Ton Standard Efficiency (Horizontal) | | | | | | | | | KH 048S |
| 0.0 | 2060 | 1740 | 1265 | 1890 | 1545 | 1090 | 2085 | 1745 | 1260 |
| 0.1 | 1990 | 1700 | 1255 | 1830 | 1515 | 1090 | 2020 | 1700 | 1240 |
| 0.2 | 1930 | 1660 | 1230 | 1780 | 1480 | 1070 | 1960 | 1660 | 1225 |
| 0.3 | 1870 | 1615 | 1200 | 1730 | 1445 | 1040 | 1900 | 1620 | 1205 |
| 0.4 | 1810 | 1565 | 1150 | 1675 | 1400 | 995 | 1835 | 1575 | 1170 |
| 0.5 | 1740 | 1500 | 1090 | 1610 | 1340 | 930 | 1760 | 1515 | 1115 |
| 0.6 | 1650 | 1410 | 1010 | 1530 | 1260 | 845 | 1680 | 1440 | 1035 |
| 0.7 | 1535 | 1295 | 905 | 1420 | 1160 | 745 | 1580 | 1340 | 915 |
| 0.8 | 1385 | 1150 | --- | 1290 | 1025 | --- | 1460 | 1210 | --- |
| 0.9 | 1195 | 965 | --- | 1120 | 865 | --- | 1320 | 1045 | --- |
| 1.0 | 960 | --- | --- | 910 | --- | --- | 1155 | --- | --- |

BELT DRIVE BLOWER PERFORMANCE

0.10 to 1.00 in. w.g.

3 Ton Standard Efficiency (Downflow)

KC 036S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|-----------------------------------|------|------|------|------|------|------|------|------|------|----------------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | Low Static - Drive Kit A01 | | | | | | | | | | Kit A05 | |
| 900 | 500 | 0.10 | 605 | 0.15 | 705 | 0.25 | 790 | 0.30 | 870 | 0.40 | 945 | 0.50 | 1010 | 0.60 | 1075 | 0.75 |
| 1000 | 535 | 0.15 | 630 | 0.20 | 720 | 0.25 | 805 | 0.35 | 885 | 0.45 | 955 | 0.55 | 1020 | 0.65 | 1085 | 0.80 |
| 1100 | 570 | 0.15 | 655 | 0.20 | 740 | 0.30 | 820 | 0.40 | 895 | 0.45 | 970 | 0.60 | 1035 | 0.70 | 1095 | 0.80 |
| 1200 | 605 | 0.20 | 685 | 0.25 | 765 | 0.35 | 840 | 0.40 | 915 | 0.50 | 980 | 0.60 | 1045 | 0.75 | 1110 | 0.85 |
| 1300 | 640 | 0.25 | 715 | 0.30 | 790 | 0.35 | 865 | 0.45 | 930 | 0.55 | 1000 | 0.65 | 1060 | 0.80 | 1120 | 0.90 |
| 1400 | 680 | 0.30 | 750 | 0.35 | 820 | 0.45 | 885 | 0.50 | 955 | 0.60 | 1015 | 0.70 | 1080 | 0.85 | 1135 | 0.95 |
| 1500 | 720 | 0.35 | 785 | 0.40 | 850 | 0.50 | 910 | 0.55 | 975 | 0.65 | 1035 | 0.80 | 1095 | 0.90 | 1155 | 1.05 |

0.90 to 1.60 in. w.g.

3 Ton Standard Efficiency (Downflow)

KC 036S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------------------------|------|------|------|------|------|
| | 0.90 | | 1.0 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | High Static - A05 | | | | | | | | | | Field Furnished | | | | | |
| 900 | 1135 | 0.85 | 1190 | 1.00 | 1245 | 1.10 | 1295 | 1.25 | 1345 | 1.40 | 1390 | 1.55 | 1435 | 1.70 | 1480 | 1.85 |
| 1000 | 1145 | 0.90 | 1200 | 1.05 | 1255 | 1.15 | 1305 | 1.30 | 1355 | 1.45 | 1400 | 1.60 | 1445 | 1.75 | 1490 | 1.90 |
| 1100 | 1155 | 0.95 | 1210 | 1.10 | 1265 | 1.20 | 1315 | 1.35 | 1365 | 1.50 | 1410 | 1.65 | 1455 | 1.80 | 1500 | 1.95 |
| 1200 | 1165 | 1.00 | 1225 | 1.15 | 1275 | 1.25 | 1325 | 1.40 | 1375 | 1.55 | 1425 | 1.75 | 1470 | 1.90 | 1510 | 2.05 |
| 1300 | 1180 | 1.05 | 1235 | 1.20 | 1285 | 1.30 | 1340 | 1.50 | 1385 | 1.65 | 1435 | 1.80 | 1480 | 1.95 | 1525 | 2.15 |
| 1400 | 1195 | 1.10 | 1245 | 1.25 | 1300 | 1.40 | 1350 | 1.55 | 1400 | 1.70 | 1445 | 1.85 | 1490 | 2.05 | 1535 | 2.20 |
| 1500 | 1210 | 1.15 | 1260 | 1.30 | 1315 | 1.45 | 1360 | 1.60 | 1410 | 1.75 | 1455 | 1.95 | 1500 | 2.10 | 1545 | 2.30 |

0.10 to 0.80 in. w.g.

3 Ton Standard Efficiency (Horiz.)

KC 036S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | Low Static - Drive Kit A01 | | | | | | | | | | | |
| 900 | 490 | 0.10 | 580 | 0.15 | 665 | 0.20 | 745 | 0.25 | 815 | 0.30 | 880 | 0.40 | 940 | 0.45 | 1000 | 0.55 |
| 1000 | 525 | 0.10 | 610 | 0.15 | 690 | 0.25 | 760 | 0.30 | 830 | 0.35 | 895 | 0.45 | 955 | 0.50 | 1010 | 0.60 |
| 1100 | 560 | 0.15 | 640 | 0.20 | 710 | 0.25 | 780 | 0.30 | 850 | 0.40 | 910 | 0.45 | 970 | 0.55 | 1025 | 0.65 |
| 1200 | 600 | 0.20 | 670 | 0.25 | 740 | 0.30 | 805 | 0.35 | 870 | 0.45 | 930 | 0.50 | 985 | 0.60 | 1040 | 0.70 |
| 1300 | 635 | 0.25 | 705 | 0.30 | 770 | 0.35 | 830 | 0.40 | 890 | 0.50 | 950 | 0.55 | 1005 | 0.65 | 1055 | 0.75 |
| 1400 | 675 | 0.30 | 740 | 0.35 | 800 | 0.40 | 860 | 0.50 | 915 | 0.55 | 970 | 0.65 | 1025 | 0.70 | 1075 | 0.80 |
| 1500 | 715 | 0.35 | 775 | 0.40 | 830 | 0.45 | 885 | 0.55 | 940 | 0.60 | 995 | 0.70 | 1045 | 0.80 | 1095 | 0.90 |

0.90 to 1.60 in. w.g.

3 Ton Standard Efficiency (Horizon.)

KC 036S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|------|------|
| | 0.90 | | 1.0 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | High Static - A05 | | | | | | | | | | Field | | | | | |
| 900 | 1055 | 0.60 | 1105 | 0.70 | 1155 | 0.80 | 1205 | 0.90 | 1250 | 0.95 | 1295 | 1.05 | 1335 | 1.15 | 1375 | 1.25 |
| 1000 | 1065 | 0.65 | 1115 | 0.75 | 1165 | 0.85 | 1215 | 0.95 | 1260 | 1.05 | 1305 | 1.15 | 1345 | 1.20 | 1385 | 1.30 |
| 1100 | 1080 | 0.70 | 1130 | 0.80 | 1175 | 0.90 | 1225 | 1.00 | 1270 | 1.10 | 1315 | 1.20 | 1355 | 1.30 | 1395 | 1.40 |
| 1200 | 1090 | 0.75 | 1140 | 0.85 | 1190 | 0.95 | 1235 | 1.05 | 1280 | 1.15 | 1325 | 1.25 | 1365 | 1.35 | 1405 | 1.45 |
| 1300 | 1105 | 0.80 | 1155 | 0.90 | 1205 | 1.00 | 1250 | 1.10 | 1295 | 1.25 | 1335 | 1.35 | 1375 | 1.45 | 1415 | 1.55 |
| 1400 | 1125 | 0.90 | 1170 | 1.00 | 1220 | 1.10 | 1265 | 1.20 | 1305 | 1.30 | 1350 | 1.40 | 1390 | 1.50 | 1430 | 1.65 |
| 1500 | 1145 | 1.00 | 1190 | 1.05 | 1235 | 1.15 | 1280 | 1.30 | 1320 | 1.40 | 1365 | 1.50 | 1405 | 1.60 | 1440 | 1.70 |

BELT DRIVE BLOWER PERFORMANCE

4 Ton Standard Efficiency (Downflow)

KC 048S

0.10 to 0.80 in. w.g.

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | Low Static - Drive Kit A02 | | | | | | | | | | | |
| 1200 | 600 | 0.20 | 680 | 0.25 | 755 | 0.30 | 830 | 0.35 | 900 | 0.45 | 965 | 0.55 | 1025 | 0.65 | 1085 | 0.75 |
| 1300 | 640 | 0.20 | 710 | 0.25 | 780 | 0.35 | 850 | 0.40 | 915 | 0.50 | 980 | 0.60 | 1040 | 0.70 | 1100 | 0.80 |
| 1400 | 675 | 0.25 | 745 | 0.30 | 810 | 0.40 | 875 | 0.45 | 940 | 0.55 | 1000 | 0.65 | 1060 | 0.75 | 1115 | 0.85 |
| 1500 | 715 | 0.30 | 780 | 0.35 | 840 | 0.45 | 900 | 0.50 | 960 | 0.60 | 1020 | 0.70 | 1080 | 0.80 | 1135 | 0.90 |
| 1600 | 755 | 0.35 | 815 | 0.45 | 870 | 0.50 | 930 | 0.60 | 985 | 0.65 | 1045 | 0.75 | 1100 | 0.85 | 1150 | 0.95 |
| 1700 | 795 | 0.45 | 850 | 0.50 | 905 | 0.55 | 960 | 0.65 | 1015 | 0.75 | 1070 | 0.85 | 1120 | 0.95 | 1170 | 1.05 |
| 1800 | 835 | 0.50 | 885 | 0.60 | 940 | 0.65 | 990 | 0.75 | 1045 | 0.80 | 1095 | 0.90 | 1145 | 1.00 | 1195 | 1.15 |
| 1900 | 880 | 0.60 | 925 | 0.65 | 975 | 0.75 | 1025 | 0.80 | 1075 | 0.90 | 1120 | 1.00 | 1170 | 1.10 | 1220 | 1.20 |
| 2000 | 920 | 0.70 | 965 | 0.75 | 1010 | 0.85 | 1055 | 0.90 | 1105 | 1.00 | 1150 | 1.10 | 1195 | 1.20 | 1245 | 1.35 |

0.90 to 1.60 in. w.g.

4 Ton Standard Efficiency (Downflow)

KC 048S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------------------------|------|------|------|
| | 0.90 | | 1.00 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | High Static - A06 | | | | | | | | | | | | Field Furnished | | | |
| 1200 | 1140 | 0.85 | 1195 | 0.95 | 1245 | 1.05 | 1295 | 1.20 | 1340 | 1.30 | 1385 | 1.40 | 1430 | 1.55 | 1470 | 1.65 |
| 1300 | 1155 | 0.90 | 1205 | 1.00 | 1260 | 1.10 | 1305 | 1.25 | 1350 | 1.35 | 1395 | 1.50 | 1440 | 1.60 | 1480 | 1.75 |
| 1400 | 1170 | 0.95 | 1220 | 1.05 | 1270 | 1.15 | 1320 | 1.30 | 1365 | 1.40 | 1410 | 1.55 | 1455 | 1.70 | 1495 | 1.80 |
| 1500 | 1185 | 1.00 | 1235 | 1.10 | 1285 | 1.25 | 1335 | 1.35 | 1380 | 1.50 | 1425 | 1.65 | 1465 | 1.75 | 1510 | 1.90 |
| 1600 | 1205 | 1.10 | 1255 | 1.20 | 1300 | 1.30 | 1350 | 1.45 | 1395 | 1.60 | 1435 | 1.70 | 1480 | 1.85 | 1520 | 2.00 |
| 1700 | 1220 | 1.15 | 1270 | 1.25 | 1320 | 1.40 | 1365 | 1.55 | 1410 | 1.65 | 1450 | 1.80 | 1495 | 1.95 | 1535 | 2.05 |
| 1800 | 1245 | 1.25 | 1290 | 1.35 | 1335 | 1.50 | 1380 | 1.60 | 1425 | 1.75 | 1465 | 1.90 | 1510 | 2.05 | 1550 | 2.15 |
| 1900 | 1265 | 1.35 | 1310 | 1.45 | 1355 | 1.60 | 1400 | 1.70 | 1440 | 1.85 | 1485 | 2.00 | 1525 | 2.15 | 1565 | 2.30 |
| 2000 | 1290 | 1.45 | 1330 | 1.55 | 1375 | 1.70 | 1420 | 1.80 | 1460 | 1.95 | 1500 | 2.10 | 1540 | 2.25 | 1580 | 2.40 |

0.10 to 0.80 in. w.g.

4 Ton Standard Efficiency (Horizon.)

KC 048S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | Low Static - Drive Kit A02 | | | | | | | | | | | |
| 1200 | 590 | 0.20 | 665 | 0.25 | 735 | 0.30 | 805 | 0.35 | 870 | 0.40 | 930 | 0.50 | 990 | 0.55 | 1050 | 0.65 |
| 1300 | 630 | 0.20 | 695 | 0.25 | 760 | 0.35 | 825 | 0.40 | 890 | 0.45 | 950 | 0.55 | 1010 | 0.65 | 1065 | 0.70 |
| 1400 | 670 | 0.25 | 730 | 0.30 | 790 | 0.40 | 850 | 0.45 | 910 | 0.50 | 970 | 0.60 | 1025 | 0.70 | 1080 | 0.75 |
| 1500 | 710 | 0.35 | 765 | 0.40 | 820 | 0.45 | 880 | 0.50 | 935 | 0.60 | 990 | 0.65 | 1045 | 0.75 | 1095 | 0.85 |
| 1600 | 750 | 0.40 | 800 | 0.45 | 855 | 0.50 | 910 | 0.60 | 960 | 0.65 | 1015 | 0.75 | 1065 | 0.80 | 1115 | 0.90 |
| 1700 | 790 | 0.45 | 840 | 0.50 | 890 | 0.60 | 940 | 0.65 | 990 | 0.75 | 1040 | 0.80 | 1090 | 0.90 | 1135 | 1.00 |
| 1800 | 830 | 0.55 | 875 | 0.60 | 925 | 0.65 | 970 | 0.75 | 1020 | 0.80 | 1065 | 0.90 | 1115 | 1.00 | 1160 | 1.10 |
| 1900 | 870 | 0.65 | 915 | 0.70 | 960 | 0.75 | 1005 | 0.85 | 1050 | 0.90 | 1095 | 1.00 | 1140 | 1.10 | 1185 | 1.20 |
| 2000 | 915 | 0.75 | 955 | 0.80 | 995 | 0.85 | 1040 | 0.95 | 1080 | 1.00 | 1125 | 1.10 | 1165 | 1.20 | 1210 | 1.30 |

0.90 to 1.60 in. w.g.

4 Ton Standard Efficiency (Horizon.)

KC 048S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.90 | | 1.0 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Kit #2 | | High Static - A06 | | | | | | | | | | | | | |
| 1200 | 1105 | 0.75 | 1155 | 0.85 | 1205 | 0.95 | 1255 | 1.05 | 1300 | 1.15 | 1340 | 1.25 | 1385 | 1.35 | 1425 | 1.45 |
| 1300 | 1115 | 0.80 | 1165 | 0.90 | 1215 | 1.00 | 1265 | 1.10 | 1310 | 1.20 | 1355 | 1.30 | 1395 | 1.40 | 1435 | 1.55 |
| 1400 | 1130 | 0.85 | 1180 | 0.95 | 1230 | 1.05 | 1275 | 1.15 | 1320 | 1.25 | 1365 | 1.40 | 1405 | 1.50 | 1450 | 1.60 |
| 1500 | 1145 | 0.90 | 1195 | 1.00 | 1245 | 1.15 | 1290 | 1.25 | 1335 | 1.35 | 1375 | 1.45 | 1420 | 1.55 | 1460 | 1.70 |
| 1600 | 1165 | 1.00 | 1210 | 1.10 | 1260 | 1.20 | 1305 | 1.30 | 1345 | 1.40 | 1390 | 1.55 | 1430 | 1.65 | 1470 | 1.75 |
| 1700 | 1185 | 1.10 | 1230 | 1.20 | 1275 | 1.30 | 1320 | 1.40 | 1360 | 1.50 | 1405 | 1.60 | 1445 | 1.75 | 1485 | 1.85 |
| 1800 | 1205 | 1.15 | 1250 | 1.25 | 1295 | 1.40 | 1335 | 1.50 | 1380 | 1.60 | 1420 | 1.70 | 1460 | 1.85 | 1500 | 1.95 |
| 1900 | 1225 | 1.25 | 1270 | 1.35 | 1315 | 1.50 | 1355 | 1.60 | 1395 | 1.70 | 1435 | 1.80 | 1475 | 1.95 | 1515 | 2.10 |
| 2000 | 1250 | 1.40 | 1295 | 1.50 | 1335 | 1.60 | 1375 | 1.70 | 1415 | 1.80 | 1455 | 1.95 | 1490 | 2.05 | 1530 | 2.20 |

BELT DRIVE BLOWER PERFORMANCE

5 Ton Standard Efficiency (Downflow)

KC 060S

0.10 to 0.80 in. w.g.

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | Low Static - Drive Kit A03 | | | | | | | | | | | |
| 1600 | 765 | 0.35 | 820 | 0.40 | 870 | 0.45 | 925 | 0.55 | 975 | 0.60 | 1025 | 0.65 | 1075 | 0.70 | 1120 | 0.80 |
| 1700 | 805 | 0.45 | 855 | 0.50 | 905 | 0.55 | 955 | 0.60 | 1005 | 0.65 | 1055 | 0.75 | 1100 | 0.80 | 1145 | 0.85 |
| 1800 | 850 | 0.50 | 895 | 0.55 | 945 | 0.60 | 990 | 0.70 | 1035 | 0.75 | 1080 | 0.80 | 1125 | 0.90 | 1170 | 0.95 |
| 1900 | 890 | 0.60 | 935 | 0.65 | 980 | 0.70 | 1025 | 0.75 | 1070 | 0.85 | 1115 | 0.90 | 1155 | 1.00 | 1200 | 1.05 |
| 2000 | 935 | 0.70 | 975 | 0.75 | 1020 | 0.80 | 1060 | 0.85 | 1100 | 0.95 | 1145 | 1.00 | 1185 | 1.10 | 1225 | 1.15 |
| 2100 | 975 | 0.80 | 1015 | 0.85 | 1055 | 0.90 | 1095 | 0.95 | 1135 | 1.05 | 1175 | 1.10 | 1215 | 1.20 | 1255 | 1.25 |
| 2200 | 1020 | 0.90 | 1055 | 0.95 | 1095 | 1.00 | 1135 | 1.10 | 1170 | 1.15 | 1210 | 1.25 | 1250 | 1.30 | 1285 | 1.40 |
| 2300 | 1060 | 1.00 | 1095 | 1.10 | 1135 | 1.15 | 1170 | 1.20 | 1210 | 1.30 | 1245 | 1.35 | 1280 | 1.45 | 1320 | 1.55 |
| 2400 | 1105 | 1.15 | 1140 | 1.20 | 1175 | 1.30 | 1210 | 1.35 | 1245 | 1.45 | 1280 | 1.50 | 1315 | 1.60 | 1350 | 1.70 |

0.90 to 1.60 in. w.g.

5 Ton Standard Efficiency (Downflow)

KC 060S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.90 | | 1.00 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Static - A03 | | | | High Static - A07 | | | | | | | | | | | |
| 1600 | 1165 | 0.85 | 1210 | 0.95 | 1255 | 1.05 | 1295 | 1.10 | 1335 | 1.20 | 1375 | 1.30 | 1415 | 1.35 | 1450 | 1.45 |
| 1700 | 1190 | 0.95 | 1235 | 1.05 | 1275 | 1.10 | 1315 | 1.20 | 1355 | 1.30 | 1395 | 1.35 | 1430 | 1.45 | 1470 | 1.55 |
| 1800 | 1215 | 1.05 | 1255 | 1.10 | 1295 | 1.20 | 1335 | 1.30 | 1375 | 1.40 | 1415 | 1.45 | 1450 | 1.55 | 1485 | 1.65 |
| 1900 | 1240 | 1.15 | 1280 | 1.20 | 1320 | 1.30 | 1360 | 1.40 | 1395 | 1.50 | 1435 | 1.60 | 1470 | 1.65 | 1505 | 1.75 |
| 2000 | 1265 | 1.25 | 1305 | 1.30 | 1345 | 1.40 | 1380 | 1.50 | 1420 | 1.60 | 1455 | 1.70 | 1490 | 1.80 | 1525 | 1.90 |
| 2100 | 1295 | 1.35 | 1335 | 1.45 | 1370 | 1.55 | 1405 | 1.60 | 1445 | 1.70 | 1480 | 1.80 | 1515 | 1.90 | 1550 | 2.00 |
| 2200 | 1325 | 1.50 | 1360 | 1.55 | 1395 | 1.65 | 1435 | 1.75 | 1470 | 1.85 | 1505 | 1.95 | 1535 | 2.05 | 1570 | 2.15 |
| 2300 | 1355 | 1.60 | 1390 | 1.70 | 1425 | 1.80 | 1460 | 1.90 | 1495 | 2.00 | 1530 | 2.10 | 1560 | 2.20 | 1595 | 2.30 |
| 2400 | 1385 | 1.75 | 1420 | 1.85 | 1455 | 1.95 | 1490 | 2.05 | 1520 | 2.15 | 1555 | 2.25 | 1585 | 2.35 | 1620 | 2.45 |

0.10 to 0.80 in. w.g.

5 Ton Standard Efficiency (Horizon.)

KC 060S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | Low Static - Drive Kit A03 | | | | | | | | | | | |
| 1600 | 750 | 0.35 | 805 | 0.40 | 865 | 0.50 | 925 | 0.55 | 980 | 0.65 | 1040 | 0.75 | 1095 | 0.85 | 1150 | 0.95 |
| 1700 | 790 | 0.45 | 845 | 0.50 | 900 | 0.55 | 955 | 0.65 | 1010 | 0.75 | 1065 | 0.80 | 1115 | 0.90 | 1170 | 1.05 |
| 1800 | 830 | 0.50 | 880 | 0.55 | 930 | 0.65 | 985 | 0.70 | 1035 | 0.80 | 1090 | 0.90 | 1140 | 1.00 | 1190 | 1.10 |
| 1900 | 870 | 0.60 | 920 | 0.65 | 965 | 0.75 | 1015 | 0.80 | 1065 | 0.90 | 1115 | 1.00 | 1165 | 1.10 | 1210 | 1.20 |
| 2000 | 910 | 0.70 | 955 | 0.75 | 1005 | 0.85 | 1050 | 0.90 | 1095 | 1.00 | 1145 | 1.10 | 1190 | 1.20 | 1235 | 1.30 |
| 2100 | 955 | 0.80 | 995 | 0.85 | 1040 | 0.95 | 1085 | 1.00 | 1130 | 1.10 | 1175 | 1.20 | 1220 | 1.30 | 1260 | 1.40 |
| 2200 | 995 | 0.90 | 1035 | 0.95 | 1075 | 1.05 | 1120 | 1.15 | 1160 | 1.20 | 1205 | 1.30 | 1245 | 1.40 | 1290 | 1.55 |
| 2300 | 1035 | 1.00 | 1075 | 1.10 | 1115 | 1.15 | 1155 | 1.25 | 1195 | 1.35 | 1235 | 1.45 | 1275 | 1.55 | 1320 | 1.65 |
| 2400 | 1080 | 1.15 | 1115 | 1.25 | 1155 | 1.30 | 1190 | 1.40 | 1230 | 1.50 | 1270 | 1.60 | 1310 | 1.70 | 1345 | 1.80 |

0.90 to 1.60 in. w.g.

5 Ton Standard Efficiency (Horizon)

KC 060S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.90 | | 1.00 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Drive Kit #3 | | | | High Static - A07 | | | | | | | | | | | |
| 1600 | 1200 | 1.05 | 1250 | 1.20 | 1300 | 1.30 | 1350 | 1.45 | 1395 | 1.55 | 1440 | 1.70 | 1485 | 1.85 | 1525 | 2.00 |
| 1700 | 1220 | 1.15 | 1270 | 1.25 | 1315 | 1.40 | 1365 | 1.50 | 1410 | 1.65 | 1455 | 1.80 | 1495 | 1.90 | 1540 | 2.10 |
| 1800 | 1240 | 1.20 | 1285 | 1.35 | 1335 | 1.45 | 1380 | 1.60 | 1425 | 1.75 | 1470 | 1.90 | 1510 | 2.00 | 1550 | 2.15 |
| 1900 | 1260 | 1.30 | 1305 | 1.45 | 1350 | 1.55 | 1395 | 1.70 | 1440 | 1.85 | 1485 | 1.95 | 1525 | 2.10 | 1565 | 2.25 |
| 2000 | 1280 | 1.40 | 1325 | 1.55 | 1370 | 1.65 | 1415 | 1.80 | 1455 | 1.90 | 1500 | 2.05 | 1540 | 2.20 | 1580 | 2.35 |
| 2100 | 1305 | 1.50 | 1350 | 1.65 | 1390 | 1.75 | 1435 | 1.90 | 1475 | 2.05 | 1515 | 2.20 | 1555 | 2.30 | 1595 | 2.50 |
| 2200 | 1330 | 1.65 | 1375 | 1.75 | 1415 | 1.90 | 1455 | 2.00 | 1495 | 2.15 | 1535 | 2.30 | 1575 | 2.45 | 1615 | 2.60 |
| 2300 | 1360 | 1.80 | 1400 | 1.90 | 1440 | 2.05 | 1480 | 2.15 | 1515 | 2.30 | 1555 | 2.45 | 1595 | 2.60 | 1630 | 2.75 |
| 2400 | 1385 | 1.90 | 1425 | 2.05 | 1465 | 2.20 | 1500 | 2.30 | 1540 | 2.45 | 1580 | 2.60 | 1615 | 2.75 | 1650 | 2.90 |

BELT DRIVE BLOWER PERFORMANCE

0.10 to 0.80 in. w.g.

6 Ton Standard Efficiency (Downflow)

KC 072S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|-----------------------------------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | | | Low Static - Drive Kit A04 | | | | | | | | | |
| 1900 | 855 | 0.48 | 901 | 0.53 | 947 | 0.57 | 998 | 0.63 | 1043 | 0.67 | 1089 | 0.72 | 1134 | 0.77 | 1174 | 0.82 |
| 2000 | 892 | 0.58 | 938 | 0.58 | 984 | 0.63 | 1030 | 0.67 | 1076 | 0.78 | 1121 | 0.82 | 1161 | 0.88 | 1201 | 0.93 |
| 2100 | 935 | 0.64 | 981 | 0.68 | 1021 | 0.73 | 1067 | 0.78 | 1107 | 0.83 | 1152 | 0.87 | 1192 | 0.98 | 1232 | 1.03 |
| 2200 | 976 | 0.73 | 1017 | 0.78 | 1064 | 0.84 | 1104 | 0.89 | 1145 | 0.93 | 1185 | 0.98 | 1224 | 1.08 | 1258 | 1.13 |
| 2300 | 1019 | 0.83 | 1060 | 0.88 | 1101 | 0.94 | 1141 | 0.98 | 1176 | 1.03 | 1216 | 1.08 | 1255 | 1.19 | 1290 | 1.24 |
| 2400 | 1062 | 0.94 | 1102 | 0.99 | 1137 | 1.04 | 1178 | 1.09 | 1213 | 1.14 | 1252 | 1.24 | 1286 | 1.29 | 1321 | 1.34 |
| 2500 | 1104 | 1.04 | 1139 | 1.09 | 1180 | 1.14 | 1215 | 1.19 | 1249 | 1.29 | 1284 | 1.34 | 1318 | 1.39 | 1352 | 1.50 |
| 2600 | 1146 | 1.15 | 1182 | 1.24 | 1216 | 1.30 | 1251 | 1.34 | 1286 | 1.40 | 1320 | 1.50 | 1353 | 1.56 | 1383 | 1.61 |
| 2700 | 1189 | 1.30 | 1224 | 1.35 | 1258 | 1.40 | 1288 | 1.50 | 1322 | 1.55 | 1356 | 1.60 | 1384 | 1.71 | 1418 | 1.76 |
| 2800 | 1231 | 1.46 | 1265 | 1.51 | 1295 | 1.56 | 1329 | 1.66 | 1357 | 1.72 | 1392 | 1.76 | 1420 | 1.87 | 1450 | 1.91 |
| 2900 | 1273 | 1.61 | 1307 | 1.66 | 1335 | 1.72 | 1365 | 1.81 | 1393 | 1.87 | 1427 | 1.97 | 1456 | 2.02 | 1485 | 2.07 |

0.90 to 1.60 in. w.g.

6 Ton Standard Efficiency (Downflow)

KC 072S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|-----------------------------------|------|------|------|------|------|------|------|--------------------------|------|------|------|------|------|------|------|
| | 0.90 | | 1.00 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Static - Drive Kit A04 | | | | | | | | High Static - A08 | | | | | | | |
| 1900 | 1219 | 0.92 | 1258 | 0.97 | 1297 | 1.02 | 1336 | 1.07 | 1372 | 1.17 | 1413 | 1.23 | 1448 | 1.28 | 1484 | 1.38 |
| 2000 | 1245 | 0.97 | 1284 | 1.07 | 1319 | 1.13 | 1358 | 1.17 | 1393 | 1.22 | 1429 | 1.33 | 1470 | 1.38 | 1505 | 1.48 |
| 2100 | 1271 | 1.07 | 1306 | 1.13 | 1345 | 1.23 | 1380 | 1.28 | 1420 | 1.38 | 1456 | 1.43 | 1492 | 1.48 | 1522 | 1.59 |
| 2200 | 1298 | 1.18 | 1331 | 1.23 | 1371 | 1.33 | 1406 | 1.38 | 1441 | 1.49 | 1477 | 1.53 | 1513 | 1.63 | 1548 | 1.68 |
| 2300 | 1329 | 1.29 | 1362 | 1.38 | 1397 | 1.44 | 1433 | 1.48 | 1468 | 1.59 | 1504 | 1.63 | 1535 | 1.73 | 1570 | 1.79 |
| 2400 | 1354 | 1.39 | 1389 | 1.49 | 1424 | 1.54 | 1458 | 1.64 | 1494 | 1.69 | 1525 | 1.79 | 1561 | 1.84 | 1591 | 1.94 |
| 2500 | 1386 | 1.55 | 1420 | 1.60 | 1455 | 1.70 | 1485 | 1.74 | 1521 | 1.84 | 1552 | 1.89 | 1587 | 1.99 | 1618 | 2.09 |
| 2600 | 1417 | 1.70 | 1451 | 1.75 | 1481 | 1.84 | 1517 | 1.89 | 1547 | 1.99 | 1578 | 2.05 | 1614 | 2.14 | 1645 | 2.24 |
| 2700 | 1447 | 1.85 | 1482 | 1.90 | 1512 | 1.99 | 1543 | 2.04 | 1578 | 2.14 | 1610 | 2.19 | 1640 | 2.29 | 1670 | 2.39 |
| 2800 | 1484 | 2.01 | 1513 | 2.06 | 1543 | 2.15 | 1574 | 2.20 | 1604 | 2.29 | 1635 | 2.40 | 1666 | 2.45 | 1697 | 2.54 |
| 2900 | 1515 | 2.16 | 1544 | 2.21 | 1575 | 2.30 | 1605 | 2.39 | 1636 | 2.44 | 1667 | 2.55 | 1693 | 2.64 | 1723 | 2.69 |

BELT DRIVE BLOWER PERFORMANCE

0.10 to 0.80 in. w.g.

6 Ton Standard Efficiency (Horizon.)

KC 072S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|----------------------------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | | | Low Static - Drive Kit A04 | | | | | | | | | |
| 1900 | 810 | 0.48 | 866 | 0.58 | 922 | 0.62 | 978 | 0.73 | 1028 | 0.77 | 1079 | 0.87 | 1129 | 0.92 | 1179 | 1.02 |
| 2000 | 852 | 0.58 | 903 | 0.63 | 954 | 0.73 | 1005 | 0.77 | 1056 | 0.88 | 1106 | 0.92 | 1156 | 1.03 | 1201 | 1.13 |
| 2100 | 890 | 0.69 | 941 | 0.73 | 991 | 0.78 | 1037 | 0.88 | 1087 | 0.93 | 1132 | 1.02 | 1182 | 1.13 | 1227 | 1.23 |
| 2200 | 926 | 0.73 | 977 | 0.83 | 1024 | 0.89 | 1069 | 0.99 | 1120 | 1.03 | 1165 | 1.13 | 1209 | 1.23 | 1248 | 1.33 |
| 2300 | 969 | 0.83 | 1015 | 0.93 | 1061 | 0.99 | 1106 | 1.08 | 1146 | 1.13 | 1191 | 1.23 | 1235 | 1.34 | 1275 | 1.44 |
| 2400 | 1007 | 0.94 | 1052 | 1.04 | 1092 | 1.09 | 1138 | 1.19 | 1178 | 1.29 | 1222 | 1.34 | 1261 | 1.44 | 1301 | 1.54 |
| 2500 | 1049 | 1.09 | 1089 | 1.14 | 1130 | 1.24 | 1170 | 1.29 | 1209 | 1.39 | 1254 | 1.49 | 1293 | 1.59 | 1332 | 1.70 |
| 2600 | 1086 | 1.20 | 1127 | 1.29 | 1166 | 1.35 | 1206 | 1.44 | 1246 | 1.55 | 1285 | 1.65 | 1318 | 1.71 | 1358 | 1.86 |
| 2700 | 1129 | 1.35 | 1164 | 1.40 | 1203 | 1.50 | 1243 | 1.60 | 1277 | 1.65 | 1316 | 1.75 | 1349 | 1.86 | 1388 | 2.01 |
| 2800 | 1166 | 1.51 | 1205 | 1.56 | 1240 | 1.66 | 1274 | 1.76 | 1312 | 1.87 | 1347 | 1.91 | 1380 | 2.02 | 1415 | 2.11 |
| 2900 | 1208 | 1.66 | 1242 | 1.71 | 1275 | 1.82 | 1310 | 1.91 | 1343 | 2.02 | 1377 | 2.12 | 1411 | 2.22 | 1445 | 2.32 |

0.90 to 1.60 in. w.g.

6 Ton Standard Efficiency (Horizon.)

KC 072S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|----------------------------|------|------|------|------|------|-------------------|------|------|------|------|------|------|------|------|------|
| | 0.90 | | 1.00 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Static - Drive Kit A04 | | | | | | High Static - A08 | | | | | | | | | |
| 1900 | 1224 | 1.12 | 1268 | 1.22 | 1312 | 1.32 | 1356 | 1.47 | 1397 | 1.57 | 1438 | 1.68 | 1478 | 1.78 | 1519 | 1.93 |
| 2000 | 1245 | 1.22 | 1289 | 1.32 | 1334 | 1.43 | 1373 | 1.52 | 1418 | 1.67 | 1459 | 1.78 | 1495 | 1.88 | 1535 | 2.03 |
| 2100 | 1271 | 1.32 | 1311 | 1.43 | 1355 | 1.53 | 1395 | 1.63 | 1435 | 1.78 | 1476 | 1.88 | 1517 | 2.03 | 1552 | 2.14 |
| 2200 | 1293 | 1.43 | 1331 | 1.53 | 1376 | 1.63 | 1416 | 1.78 | 1456 | 1.89 | 1497 | 1.98 | 1533 | 2.13 | 1573 | 2.23 |
| 2300 | 1319 | 1.54 | 1357 | 1.63 | 1397 | 1.74 | 1438 | 1.88 | 1478 | 1.99 | 1514 | 2.08 | 1555 | 2.23 | 1590 | 2.39 |
| 2400 | 1344 | 1.69 | 1379 | 1.79 | 1419 | 1.89 | 1458 | 1.99 | 1499 | 2.14 | 1535 | 2.24 | 1571 | 2.34 | 1611 | 2.49 |
| 2500 | 1371 | 1.80 | 1405 | 1.90 | 1445 | 2.05 | 1480 | 2.14 | 1521 | 2.24 | 1557 | 2.39 | 1592 | 2.49 | 1628 | 2.64 |
| 2600 | 1397 | 1.95 | 1431 | 2.05 | 1471 | 2.14 | 1507 | 2.29 | 1542 | 2.39 | 1578 | 2.55 | 1614 | 2.64 | 1650 | 2.79 |
| 2700 | 1422 | 2.10 | 1457 | 2.20 | 1497 | 2.29 | 1533 | 2.44 | 1568 | 2.54 | 1605 | 2.69 | 1640 | 2.79 | 1670 | 2.94 |
| 2800 | 1454 | 2.26 | 1488 | 2.36 | 1523 | 2.50 | 1559 | 2.60 | 1594 | 2.74 | 1625 | 2.85 | 1661 | 3.00 | 1697 | 3.09 |
| 2900 | 1480 | 2.41 | 1514 | 2.51 | 1550 | 2.65 | 1585 | 2.74 | 1616 | 2.89 | 1652 | 3.00 | 1688 | 3.14 | 1718 | 3.29 |

Note - **BOLD** - to operate in this range, 3 hp blower motor is required.

BELT DRIVE BLOWER PERFORMANCE

0.10 to 1.00 in. w.g.

7.5 Ton Standard Efficiency (Dwnflo)

KC 090S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | | 0.90 | | 1.00 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Ex-Low Static - Drive Kit AA01 | | | | | | | | | | | | | | | | Low Static - AA02 | | | |
| 2400 | 553 | 0.65 | 585 | 0.71 | 617 | 0.78 | 649 | 0.85 | 680 | 0.91 | 711 | 0.98 | 740 | 1.04 | 769 | 1.10 | 796 | 1.15 | 821 | 1.21 |
| 2500 | 570 | 0.71 | 602 | 0.78 | 633 | 0.84 | 665 | 0.91 | 695 | 0.97 | 725 | 1.04 | 753 | 1.10 | 781 | 1.16 | 807 | 1.22 | 832 | 1.27 |
| 2600 | 588 | 0.77 | 619 | 0.84 | 650 | 0.91 | 680 | 0.97 | 710 | 1.04 | 739 | 1.10 | 767 | 1.16 | 793 | 1.22 | 818 | 1.28 | 842 | 1.33 |
| 2700 | 607 | 0.84 | 637 | 0.91 | 667 | 0.97 | 697 | 1.04 | 726 | 1.11 | 753 | 1.17 | 780 | 1.23 | 806 | 1.29 | 830 | 1.35 | 854 | 1.40 |
| 2800 | 626 | 0.91 | 655 | 0.97 | 684 | 1.04 | 713 | 1.11 | 741 | 1.18 | 768 | 1.24 | 794 | 1.30 | 819 | 1.36 | 842 | 1.42 | 866 | 1.47 |
| 2900 | 646 | 0.98 | 674 | 1.05 | 702 | 1.11 | 730 | 1.18 | 757 | 1.25 | 783 | 1.32 | 808 | 1.38 | 832 | 1.44 | 855 | 1.49 | 878 | 1.54 |
| 3000 | 666 | 1.06 | 693 | 1.12 | 721 | 1.19 | 747 | 1.26 | 774 | 1.33 | 799 | 1.40 | 823 | 1.46 | 846 | 1.52 | 868 | 1.57 | 891 | 1.62 |
| 3100 | 686 | 1.14 | 713 | 1.21 | 739 | 1.28 | 765 | 1.35 | 790 | 1.41 | 814 | 1.48 | 838 | 1.55 | 860 | 1.61 | 882 | 1.66 | 904 | 1.70 |
| 3200 | 707 | 1.22 | 732 | 1.29 | 758 | 1.36 | 783 | 1.43 | 807 | 1.50 | 830 | 1.57 | 853 | 1.64 | 874 | 1.70 | 896 | 1.75 | 918 | 1.79 |
| 3300 | 727 | 1.31 | 752 | 1.38 | 776 | 1.46 | 800 | 1.53 | 823 | 1.60 | 846 | 1.67 | 868 | 1.73 | 889 | 1.79 | 911 | 1.84 | 932 | 1.89 |
| 3400 | 747 | 1.41 | 771 | 1.48 | 794 | 1.55 | 817 | 1.63 | 840 | 1.70 | 862 | 1.77 | 883 | 1.83 | 904 | 1.89 | 925 | 1.94 | 947 | 1.98 |
| 3500 | 767 | 1.51 | 790 | 1.58 | 812 | 1.66 | 835 | 1.73 | 856 | 1.80 | 878 | 1.87 | 899 | 1.93 | 920 | 1.99 | 940 | 2.04 | 961 | 2.08 |
| 3600 | 786 | 1.61 | 808 | 1.69 | 830 | 1.77 | 852 | 1.84 | 873 | 1.91 | 894 | 1.98 | 915 | 2.04 | 935 | 2.09 | 955 | 2.14 | 975 | 2.19 |

0.90 to 2.00 in. w.g.

7.5 Ton Standard Efficiency (Dwnflo)

KC 090S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|-----------------------------------|------|------|------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | | 1.70 | | 1.80 | | 1.90 | | 2.00 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Static - AA02 | | | | Medium Static - Drive Kit AA03 | | | | | | | | | | | | | | | |
| 2400 | 846 | 1.25 | 870 | 1.29 | 895 | 1.33 | 920 | 1.37 | 947 | 1.41 | 972 | 1.45 | 996 | 1.50 | 1018 | 1.55 | 1039 | 1.61 | 1059 | 1.67 |
| 2500 | 856 | 1.31 | 880 | 1.35 | 905 | 1.39 | 930 | 1.43 | 956 | 1.47 | 980 | 1.52 | 1003 | 1.57 | 1024 | 1.63 | 1044 | 1.69 | 1064 | 1.76 |
| 2600 | 866 | 1.38 | 891 | 1.42 | 915 | 1.46 | 940 | 1.50 | 965 | 1.54 | 988 | 1.59 | 1010 | 1.65 | 1031 | 1.71 | 1050 | 1.78 | 1069 | 1.84 |
| 2700 | 878 | 1.44 | 902 | 1.48 | 926 | 1.52 | 950 | 1.57 | 974 | 1.61 | 997 | 1.67 | 1018 | 1.73 | 1037 | 1.80 | 1056 | 1.87 | 1075 | 1.93 |
| 2800 | 889 | 1.51 | 913 | 1.55 | 937 | 1.59 | 961 | 1.64 | 984 | 1.69 | 1006 | 1.75 | 1026 | 1.82 | 1044 | 1.89 | 1063 | 1.96 | 1081 | 2.03 |
| 2900 | 902 | 1.58 | 925 | 1.63 | 949 | 1.67 | 972 | 1.72 | 994 | 1.78 | 1015 | 1.84 | 1034 | 1.91 | 1052 | 1.99 | 1069 | 2.06 | 1087 | 2.13 |
| 3000 | 914 | 1.66 | 938 | 1.71 | 961 | 1.75 | 983 | 1.81 | 1004 | 1.87 | 1024 | 1.94 | 1042 | 2.01 | 1059 | 2.09 | 1076 | 2.16 | 1093 | 2.23 |
| 3100 | 927 | 1.75 | 950 | 1.79 | 972 | 1.84 | 994 | 1.90 | 1014 | 1.96 | 1033 | 2.04 | 1050 | 2.11 | 1067 | 2.19 | 1083 | 2.27 | 1100 | 2.34 |
| 3200 | 941 | 1.84 | 963 | 1.88 | 984 | 1.94 | 1005 | 2.00 | 1024 | 2.07 | 1042 | 2.14 | 1059 | 2.23 | 1075 | 2.31 | 1091 | 2.39 | 1107 | 2.46 |
| 3300 | 954 | 1.93 | 976 | 1.98 | 996 | 2.04 | 1016 | 2.10 | 1035 | 2.18 | 1052 | 2.26 | 1067 | 2.35 | 1083 | 2.43 | 1098 | 2.51 | 1114 | 2.59 |
| 3400 | 968 | 2.03 | 989 | 2.08 | 1008 | 2.14 | 1027 | 2.22 | 1045 | 2.30 | 1061 | 2.38 | 1076 | 2.47 | 1091 | 2.57 | 1106 | 2.65 | 1121 | 2.73 |
| 3500 | 982 | 2.13 | 1001 | 2.19 | 1020 | 2.26 | 1038 | 2.33 | 1054 | 2.42 | 1070 | 2.51 | 1084 | 2.61 | 1099 | 2.71 | 1113 | 2.79 | 1128 | 2.87 |
| 3600 | 995 | 2.24 | 1014 | 2.30 | 1031 | 2.38 | 1048 | 2.46 | 1064 | 2.55 | 1079 | 2.65 | 1093 | 2.76 | 1107 | 2.86 | 1121 | 2.95 | 1136 | 3.03 |
| | Hi Static - Drive Kit AA04 | | | | | | | | | | | | | | | | | | | |

BELT DRIVE BLOWER PERFORMANCE

0.10 to 1.00 in. w.g.

7.5 Ton Standard Efficiency (Horizon)

KC 090S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | | 0.90 | | 1.00 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Ex-Low Static - Drive Kit AA01 | | | | | | | | | | | | | | Low Static - Drive Kit AA02 | | | | | |
| 2400 | 596 | 0.79 | 626 | 0.82 | 657 | 0.85 | 688 | 0.89 | 718 | 0.92 | 749 | 0.96 | 778 | 1.01 | 806 | 1.06 | 833 | 1.11 | 858 | 1.16 |
| 2500 | 616 | 0.85 | 645 | 0.88 | 676 | 0.91 | 706 | 0.95 | 736 | 0.99 | 765 | 1.03 | 794 | 1.08 | 821 | 1.13 | 847 | 1.18 | 871 | 1.23 |
| 2600 | 636 | 0.91 | 665 | 0.94 | 695 | 0.98 | 724 | 1.02 | 754 | 1.06 | 782 | 1.10 | 809 | 1.15 | 836 | 1.20 | 861 | 1.25 | 885 | 1.30 |
| 2700 | 657 | 0.97 | 685 | 1.01 | 714 | 1.04 | 743 | 1.08 | 771 | 1.13 | 799 | 1.17 | 826 | 1.22 | 851 | 1.27 | 875 | 1.32 | 899 | 1.37 |
| 2800 | 677 | 1.03 | 706 | 1.07 | 734 | 1.11 | 762 | 1.16 | 790 | 1.20 | 816 | 1.25 | 842 | 1.30 | 867 | 1.35 | 890 | 1.40 | 913 | 1.45 |
| 2900 | 698 | 1.10 | 726 | 1.14 | 754 | 1.19 | 781 | 1.23 | 808 | 1.28 | 834 | 1.33 | 859 | 1.38 | 883 | 1.43 | 906 | 1.48 | 928 | 1.54 |
| 3000 | 720 | 1.17 | 747 | 1.22 | 774 | 1.26 | 801 | 1.31 | 826 | 1.36 | 851 | 1.41 | 876 | 1.46 | 899 | 1.52 | 921 | 1.57 | 943 | 1.63 |
| 3100 | 741 | 1.25 | 768 | 1.3 | 794 | 1.35 | 820 | 1.40 | 845 | 1.45 | 869 | 1.50 | 893 | 1.56 | 915 | 1.61 | 937 | 1.67 | 959 | 1.73 |
| 3200 | 763 | 1.34 | 789 | 1.39 | 815 | 1.44 | 840 | 1.49 | 864 | 1.54 | 888 | 1.60 | 910 | 1.66 | 932 | 1.72 | 954 | 1.78 | 975 | 1.84 |
| 3300 | 785 | 1.43 | 811 | 1.48 | 836 | 1.53 | 860 | 1.59 | 883 | 1.65 | 906 | 1.71 | 928 | 1.77 | 950 | 1.83 | 970 | 1.90 | 991 | 1.96 |
| 3400 | 807 | 1.53 | 832 | 1.58 | 856 | 1.64 | 880 | 1.70 | 903 | 1.76 | 925 | 1.82 | 946 | 1.88 | 967 | 1.95 | 987 | 2.02 | 1007 | 2.09 |
| 3500 | 830 | 1.63 | 854 | 1.69 | 877 | 1.75 | 900 | 1.81 | 922 | 1.88 | 944 | 1.94 | 964 | 2.01 | 985 | 2.08 | 1004 | 2.15 | 1024 | 2.23 |
| 3600 | 852 | 1.74 | 876 | 1.81 | 898 | 1.87 | 921 | 1.94 | 942 | 2.01 | 963 | 2.07 | 983 | 2.15 | 1002 | 2.22 | 1022 | 2.29 | 1041 | 2.37 |
| | Medium Static - Drive Kit AA03 | | | | | | | | | | | | | | | | | | | |

0.90 to 2.00 in. w.g.

7.5 Ton Standard Efficiency (Horizon)

KC 090S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | | 1.70 | | 1.80 | | 1.90 | | 2.00 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Medium Static - Drive Kit AA03 | | | | | | | | | | | | | | | | | | | |
| 2400 | 883 | 1.21 | 907 | 1.25 | 931 | 1.30 | 955 | 1.35 | 979 | 1.40 | 1003 | 1.45 | 1027 | 1.51 | 1050 | 1.57 | 1072 | 1.63 | 1094 | 1.69 |
| 2500 | 895 | 1.28 | 919 | 1.32 | 942 | 1.37 | 966 | 1.42 | 990 | 1.48 | 1013 | 1.53 | 1036 | 1.59 | 1059 | 1.65 | 1081 | 1.71 | 1102 | 1.78 |
| 2600 | 908 | 1.35 | 931 | 1.40 | 955 | 1.45 | 978 | 1.50 | 1001 | 1.56 | 1024 | 1.62 | 1046 | 1.68 | 1068 | 1.74 | 1089 | 1.80 | 1110 | 1.87 |
| 2700 | 922 | 1.43 | 945 | 1.48 | 967 | 1.53 | 990 | 1.59 | 1013 | 1.65 | 1035 | 1.71 | 1056 | 1.77 | 1078 | 1.84 | 1099 | 1.90 | 1119 | 1.96 |
| 2800 | 936 | 1.51 | 958 | 1.56 | 980 | 1.62 | 1003 | 1.68 | 1025 | 1.74 | 1046 | 1.80 | 1067 | 1.87 | 1088 | 1.93 | 1109 | 2.00 | 1129 | 2.06 |
| 2900 | 950 | 1.60 | 972 | 1.66 | 994 | 1.72 | 1016 | 1.78 | 1037 | 1.84 | 1058 | 1.91 | 1079 | 1.97 | 1099 | 2.04 | 1119 | 2.11 | 1139 | 2.17 |
| 3000 | 965 | 1.69 | 986 | 1.76 | 1008 | 1.82 | 1029 | 1.88 | 1050 | 1.95 | 1070 | 2.02 | 1091 | 2.08 | 1110 | 2.15 | 1130 | 2.22 | 1149 | 2.28 |
| 3100 | 980 | 1.80 | 1001 | 1.86 | 1022 | 1.93 | 1043 | 2.00 | 1063 | 2.07 | 1083 | 2.13 | 1103 | 2.2 | 1122 | 2.27 | 1141 | 2.33 | 1160 | 2.40 |
| 3200 | 995 | 1.91 | 1016 | 1.98 | 1036 | 2.05 | 1057 | 2.12 | 1077 | 2.19 | 1096 | 2.26 | 1116 | 2.33 | 1134 | 2.39 | 1153 | 2.46 | 1171 | 2.52 |
| 3300 | 1011 | 2.03 | 1031 | 2.11 | 1051 | 2.18 | 1071 | 2.25 | 1091 | 2.32 | 1110 | 2.39 | 1129 | 2.45 | 1147 | 2.52 | 1165 | 2.59 | 1183 | 2.65 |
| 3400 | 1027 | 2.16 | 1047 | 2.24 | 1067 | 2.31 | 1086 | 2.38 | 1105 | 2.45 | 1124 | 2.52 | 1142 | 2.59 | 1160 | 2.66 | 1178 | 2.72 | 1196 | 2.78 |
| 3500 | 1043 | 2.30 | 1063 | 2.38 | 1082 | 2.45 | 1101 | 2.52 | 1120 | 2.59 | 1138 | 2.66 | 1156 | 2.73 | 1174 | 2.8 | 1191 | 2.86 | 1208 | 2.92 |
| 3600 | 1060 | 2.45 | 1079 | 2.52 | 1098 | 2.6 | 1117 | 2.67 | 1135 | 2.74 | 1153 | 2.81 | 1170 | 2.87 | 1188 | 2.94 | 1205 | 3.00 | 1222 | 3.06 |
| | High Static - Drive Kit AA04 | | | | | | | | | | | | | | | | | | | |

DIRECT DRIVE BLOWER PERFORMANCE

| External Static Pressure (in. w.g.) | Air Volume (cfm) at Various Blower Speeds | | | | | |
|---|---|--------|----------------------------|-----------|--------|-----|
| | 208 VOLTS | | | 230 VOLTS | | |
| | High | Medium | Low | High | Medium | Low |
| 2 and 2.5 Ton Standard Efficiency (Down-Flow) | | | KH 024S and KH 030S | | | |
| 0.0 | 1230 | 975 | 845 | 1425 | 1125 | 910 |
| 0.1 | 1220 | 940 | 815 | 1395 | 1110 | 875 |
| 0.2 | 1205 | 910 | 775 | 1375 | 1085 | 845 |
| 0.3 | 1185 | 880 | 730 | 1350 | 1055 | 815 |
| 0.4 | 1155 | 845 | 680 | 1320 | 1010 | 780 |
| 0.5 | 1115 | 800 | --- | 1280 | 955 | 740 |
| 0.6 | 1060 | 750 | --- | 1225 | 895 | 690 |
| 0.7 | 985 | 685 | --- | 1150 | 830 | --- |
| 0.8 | 890 | --- | --- | 1050 | 755 | --- |
| 0.9 | 770 | --- | --- | 920 | 680 | --- |
| 1.0 | --- | --- | --- | 760 | --- | --- |
| 2 and 2.5 Ton Standard Efficiency (Horizontal) | | | KH 024S and KH 030S | | | |
| 0.0 | 1165 | 925 | 800 | 1350 | 1065 | 865 |
| 0.1 | 1155 | 895 | 770 | 1325 | 1055 | 830 |
| 0.2 | 1140 | 865 | 735 | 1300 | 1030 | 800 |
| 0.3 | 1125 | 835 | 695 | 1280 | 1000 | 770 |
| 0.4 | 1095 | 800 | 645 | 1250 | 955 | 740 |
| 0.5 | 1055 | 760 | --- | 1215 | 905 | 700 |
| 0.6 | 1005 | 710 | --- | 1160 | 850 | 655 |
| 0.7 | 935 | 650 | --- | 1090 | 785 | --- |
| 0.8 | 845 | --- | --- | 995 | 720 | --- |
| 0.9 | 730 | --- | --- | 875 | 645 | --- |
| 1.0 | --- | --- | --- | 720 | --- | --- |

DIRECT DRIVE BLOWER PERFORMANCE

| External Static Pressure (in. w.g.) | Air Volume (cfm) at Various Blower Speeds | | | | | | | | |
|---|---|--------|------|-----------|--------|------|---------------|--------|----------------|
| | 208 VOLTS | | | 230 VOLTS | | | 460/575 VOLTS | | |
| | High | Medium | Low | High | Medium | Low | High | Medium | Low |
| 3 Ton Standard Efficiency (Down-Flow) | | | | | | | | | KH 036S |
| 0.0 | 1990 | 1625 | 1145 | 2175 | 1825 | 1330 | 2100 | 1735 | 1220 |
| 0.1 | 1935 | 1595 | 1145 | 2100 | 1790 | 1320 | 2050 | 1705 | 1215 |
| 0.2 | 1885 | 1565 | 1130 | 2040 | 1755 | 1300 | 2000 | 1665 | 1205 |
| 0.3 | 1830 | 1530 | 1095 | 1980 | 1710 | 1265 | 1945 | 1625 | 1180 |
| 0.4 | 1775 | 1485 | 1050 | 1915 | 1660 | 1215 | 1885 | 1575 | 1145 |
| 0.5 | 1710 | 1425 | 980 | 1850 | 1595 | 1150 | 1815 | 1520 | 1095 |
| 0.6 | 1630 | 1350 | 900 | 1765 | 1510 | 1070 | 1735 | 1450 | 1025 |
| 0.7 | 1540 | 1255 | 800 | 1660 | 1405 | 975 | 1640 | 1375 | 940 |
| 0.8 | 1425 | 1140 | --- | 1535 | 1280 | --- | 1530 | 1285 | --- |
| 0.9 | 1285 | 1000 | --- | 1375 | 1120 | --- | 1405 | 1185 | --- |
| 1.0 | 1125 | --- | --- | 1180 | --- | --- | 1260 | --- | --- |
| 3 Ton Standard Efficiency (Horizontal) | | | | | | | | | KH 036S |
| 0.0 | 1890 | 1545 | 1090 | 2060 | 1740 | 1265 | 2085 | 1745 | 1260 |
| 0.1 | 1830 | 1515 | 1090 | 1990 | 1700 | 1255 | 2020 | 1700 | 1240 |
| 0.2 | 1780 | 1480 | 1070 | 1930 | 1660 | 1230 | 1960 | 1660 | 1225 |
| 0.3 | 1730 | 1445 | 1040 | 1870 | 1615 | 1200 | 1900 | 1620 | 1205 |
| 0.4 | 1675 | 1400 | 995 | 1810 | 1565 | 1150 | 1835 | 1575 | 1170 |
| 0.5 | 1610 | 1340 | 930 | 1740 | 1500 | 1090 | 1760 | 1515 | 1115 |
| 0.6 | 1530 | 1260 | 845 | 1650 | 1410 | 1010 | 1680 | 1440 | 1035 |
| 0.7 | 1420 | 1160 | 745 | 1535 | 1295 | 905 | 1580 | 1340 | 915 |
| 0.8 | 1290 | 1025 | --- | 1385 | 1150 | --- | 1460 | 1210 | --- |
| 0.9 | 1120 | 865 | --- | 1195 | 965 | --- | 1320 | 1045 | --- |
| 1.0 | 910 | --- | --- | 960 | --- | --- | 1155 | --- | --- |

BELT DRIVE BLOWER PERFORMANCE

0.10 to 1.00 in. w.g.

3 Ton Standard Efficiency (Dwnflo)

KH 036S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------------|---------------------------|------|------|------|----------------------------------|------|------|------|------|------|------|------|--------------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | Low Static - Drive Kit #1 | | | | | | | | Kit 5 | | | |
| 900 | 485 | 0.10 | 595 | 0.15 | 690 | 0.20 | 780 | 0.30 | 860 | 0.40 | 930 | 0.50 | 1000 | 0.60 | 1065 | 0.75 |
| 1000 | 520 | 0.10 | 615 | 0.20 | 705 | 0.25 | 790 | 0.35 | 870 | 0.45 | 945 | 0.55 | 1010 | 0.65 | 1075 | 0.75 |
| 1100 | 550 | 0.15 | 640 | 0.20 | 725 | 0.30 | 805 | 0.35 | 885 | 0.45 | 955 | 0.55 | 1020 | 0.70 | 1085 | 0.80 |
| 1200 | 585 | 0.20 | 665 | 0.25 | 745 | 0.30 | 825 | 0.40 | 900 | 0.50 | 965 | 0.60 | 1030 | 0.70 | 1095 | 0.85 |
| 1300 | 620 | 0.20 | 695 | 0.30 | 770 | 0.35 | 845 | 0.45 | 915 | 0.55 | 980 | 0.65 | 1045 | 0.75 | 1105 | 0.90 |
| 1400 | 660 | 0.25 | 730 | 0.35 | 795 | 0.40 | 865 | 0.50 | 935 | 0.60 | 995 | 0.70 | 1060 | 0.80 | 1120 | 0.95 |
| 1500 | 695 | 0.30 | 760 | 0.40 | 825 | 0.45 | 890 | 0.55 | 955 | 0.65 | 1015 | 0.75 | 1075 | 0.85 | 1135 | 1.00 |

0.90 to 1.60 in. w.g.

3 Ton Standard Efficiency (Down-Flow)

KH 036S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------------|-----------------------------------|------|------|------|------|------|------|------|------------------------|------|------|------|------|------|------|------|
| | 0.90 | | 1.0 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | High Static - Drive Kit #5 | | | | | | | | Field Furnished | | | | | | | |
| 900 | 1125 | 0.85 | 1180 | 1.00 | 1230 | 1.10 | 1285 | 1.25 | 1330 | 1.35 | 1380 | 1.50 | 1425 | 1.65 | 1465 | 1.80 |
| 1000 | 1130 | 0.90 | 1190 | 1.00 | 1240 | 1.15 | 1295 | 1.30 | 1340 | 1.40 | 1390 | 1.60 | 1435 | 1.75 | 1475 | 1.85 |
| 1100 | 1140 | 0.90 | 1200 | 1.05 | 1250 | 1.20 | 1300 | 1.35 | 1350 | 1.50 | 1400 | 1.65 | 1445 | 1.80 | 1485 | 1.95 |
| 1200 | 1150 | 0.95 | 1210 | 1.10 | 1260 | 1.25 | 1310 | 1.40 | 1360 | 1.55 | 1410 | 1.70 | 1455 | 1.85 | 1495 | 2.00 |
| 1300 | 1165 | 1.00 | 1220 | 1.15 | 1270 | 1.30 | 1320 | 1.45 | 1370 | 1.60 | 1415 | 1.75 | 1465 | 1.90 | 1505 | 2.05 |
| 1400 | 1175 | 1.05 | 1230 | 1.20 | 1280 | 1.35 | 1330 | 1.50 | 1380 | 1.65 | 1425 | 1.80 | 1470 | 1.95 | 1515 | 2.15 |
| 1500 | 1190 | 1.15 | 1240 | 1.25 | 1295 | 1.40 | 1345 | 1.55 | 1390 | 1.70 | 1435 | 1.90 | 1480 | 2.05 | 1525 | 2.20 |

0.10 to 0.80 in. w.g.

3 Ton Standard Efficiency (Horizontal)

KH 036S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------------|---------------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | | | Low Static - Drive Kit #1 | | | | | | | | | |
| 900 | 480 | 0.10 | 570 | 0.15 | 655 | 0.20 | 735 | 0.30 | 810 | 0.35 | 875 | 0.45 | 940 | 0.55 | 1000 | 0.65 |
| 1000 | 520 | 0.15 | 595 | 0.15 | 675 | 0.25 | 750 | 0.30 | 820 | 0.40 | 890 | 0.50 | 950 | 0.60 | 1010 | 0.70 |
| 1100 | 555 | 0.15 | 625 | 0.20 | 695 | 0.25 | 765 | 0.35 | 835 | 0.45 | 900 | 0.50 | 960 | 0.60 | 1020 | 0.75 |
| 1200 | 595 | 0.20 | 660 | 0.25 | 725 | 0.30 | 790 | 0.40 | 850 | 0.45 | 915 | 0.55 | 975 | 0.65 | 1030 | 0.75 |
| 1300 | 635 | 0.25 | 690 | 0.30 | 750 | 0.35 | 810 | 0.40 | 870 | 0.50 | 930 | 0.60 | 990 | 0.70 | 1045 | 0.80 |
| 1400 | 675 | 0.30 | 730 | 0.35 | 785 | 0.40 | 840 | 0.50 | 895 | 0.55 | 950 | 0.65 | 1005 | 0.75 | 1060 | 0.85 |
| 1500 | 720 | 0.35 | 765 | 0.40 | 815 | 0.45 | 870 | 0.55 | 920 | 0.60 | 970 | 0.70 | 1025 | 0.80 | 1075 | 0.95 |

0.90 to 1.60 in. w.g.

3 Ton Standard Efficiency (Horizontal)

KH 036S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|
| | 0.90 | | 1.0 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | High Static - Drive Kit #5 | | | | | | | | | | | | Field | | | |
| 900 | 1055 | 0.75 | 1105 | 0.90 | 1155 | 1.00 | 1200 | 1.10 | 1245 | 1.25 | 1285 | 1.35 | 1325 | 1.50 | 1365 | 1.60 |
| 1000 | 1065 | 0.80 | 1115 | 0.90 | 1165 | 1.05 | 1210 | 1.15 | 1255 | 1.30 | 1300 | 1.40 | 1340 | 1.55 | 1380 | 1.70 |
| 1100 | 1075 | 0.85 | 1125 | 0.95 | 1175 | 1.10 | 1220 | 1.20 | 1265 | 1.35 | 1310 | 1.50 | 1350 | 1.60 | 1395 | 1.75 |
| 1200 | 1085 | 0.90 | 1135 | 1.00 | 1185 | 1.15 | 1235 | 1.25 | 1280 | 1.40 | 1320 | 1.55 | 1365 | 1.70 | 1405 | 1.85 |
| 1300 | 1095 | 0.95 | 1145 | 1.05 | 1195 | 1.20 | 1245 | 1.30 | 1290 | 1.45 | 1330 | 1.60 | 1375 | 1.75 | 1415 | 1.90 |
| 1400 | 1110 | 1.00 | 1160 | 1.10 | 1210 | 1.25 | 1255 | 1.40 | 1300 | 1.50 | 1340 | 1.65 | 1385 | 1.80 | 1425 | 1.95 |
| 1500 | 1125 | 1.05 | 1175 | 1.15 | 1220 | 1.30 | 1265 | 1.45 | 1310 | 1.60 | 1355 | 1.75 | 1395 | 1.85 | 1435 | 2.05 |

BELT DRIVE BLOWER PERFORMANCE

4 Ton Standard Efficiency (Dwnflo)

KH 048S

0.10 to 0.80 in. w.g.

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | | | Low Static - Drive Kit #2 | | | | | | | | | |
| 1200 | 580 | 0.15 | 665 | 0.20 | 740 | 0.30 | 820 | 0.35 | 890 | 0.45 | 955 | 0.53 | 1020 | 0.63 | 1080 | 0.73 |
| 1300 | 620 | 0.20 | 690 | 0.25 | 765 | 0.30 | 835 | 0.40 | 905 | 0.48 | 970 | 0.58 | 1035 | 0.68 | 1090 | 0.78 |
| 1400 | 655 | 0.25 | 725 | 0.30 | 795 | 0.35 | 860 | 0.45 | 925 | 0.53 | 990 | 0.63 | 1050 | 0.73 | 1105 | 0.83 |
| 1500 | 690 | 0.28 | 755 | 0.35 | 820 | 0.40 | 884 | 0.50 | 945 | 0.58 | 1005 | 0.68 | 1065 | 0.78 | 1120 | 0.88 |
| 1600 | 730 | 0.33 | 790 | 0.40 | 850 | 0.48 | 910 | 0.55 | 970 | 0.65 | 1025 | 0.73 | 1085 | 0.83 | 1140 | 0.93 |
| 1700 | 765 | 0.40 | 825 | 0.48 | 880 | 0.53 | 935 | 0.60 | 995 | 0.70 | 1050 | 0.80 | 1105 | 0.90 | 1155 | 1.03 |
| 1800 | 805 | 0.48 | 860 | 0.53 | 910 | 0.60 | 970 | 0.70 | 1020 | 0.80 | 1075 | 0.88 | 1125 | 0.98 | 1175 | 1.08 |
| 1900 | 845 | 0.53 | 895 | 0.63 | 945 | 0.68 | 995 | 0.78 | 1050 | 0.85 | 1100 | 0.95 | 1150 | 1.08 | 1200 | 1.18 |
| 2000 | 885 | 0.63 | 930 | 0.68 | 980 | 0.78 | 1030 | 0.88 | 1080 | 0.95 | 1125 | 1.05 | 1175 | 1.15 | 1220 | 1.28 |

0.90 to 1.60 in. w.g.

4 Ton Standard Efficiency (Dwnflo)

KH 048S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------|------|
| | 0.90 | | 1.00 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | High Static - Drive Kit #6 | | | | | | | | | | | | | | Field | |
| 1200 | 1135 | 0.83 | 1190 | 0.95 | 1240 | 1.05 | 1290 | 1.20 | 1335 | 1.30 | 1380 | 1.43 | 1425 | 1.58 | 1470 | 1.70 |
| 1300 | 1145 | 0.88 | 1200 | 1.00 | 1250 | 1.10 | 1300 | 1.25 | 1350 | 1.38 | 1395 | 1.50 | 1440 | 1.63 | 1480 | 1.78 |
| 1400 | 1160 | 0.93 | 1215 | 1.05 | 1265 | 1.18 | 1310 | 1.30 | 1360 | 1.43 | 1405 | 1.57 | 1450 | 1.68 | 1490 | 1.83 |
| 1500 | 1175 | 0.98 | 1225 | 1.10 | 1275 | 1.25 | 1325 | 1.35 | 1370 | 1.50 | 1415 | 1.63 | 1460 | 1.78 | 1500 | 1.93 |
| 1600 | 1190 | 1.08 | 1240 | 1.18 | 1290 | 1.30 | 1340 | 1.45 | 1385 | 1.55 | 1430 | 1.70 | 1470 | 1.83 | 1515 | 2.00 |
| 1700 | 1205 | 1.13 | 1260 | 1.25 | 1305 | 1.38 | 1355 | 1.50 | 1400 | 1.65 | 1440 | 1.78 | 1485 | 1.93 | 1525 | 2.08 |
| 1800 | 1225 | 1.23 | 1275 | 1.33 | 1320 | 1.45 | 1370 | 1.60 | 1415 | 1.75 | 1455 | 1.85 | 1500 | 2.03 | 1540 | 2.18 |
| 1900 | 1245 | 1.28 | 1290 | 1.43 | 1340 | 1.55 | 1385 | 1.70 | 1425 | 1.80 | 1470 | 1.95 | 1510 | 2.10 | 1555 | 2.28 |
| 2000 | 1270 | 1.38 | 1315 | 1.53 | 1355 | 1.65 | 1400 | 1.78 | 1445 | 1.93 | 1485 | 2.05 | 1525 | 2.20 | 1565 | 2.38 |

0.10 to 0.80 in. w.g.

4 Ton Standard Efficiency (Horizon)

KH 048S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | | | Low Static - Drive Kit #2 | | | | | | | | | |
| 1200 | 590 | 0.18 | 655 | 0.20 | 720 | 0.25 | 780 | 0.35 | 845 | 0.40 | 905 | 0.50 | 965 | 0.58 | 1020 | 0.68 |
| 1300 | 630 | 0.20 | 685 | 0.25 | 745 | 0.30 | 805 | 0.38 | 865 | 0.45 | 925 | 0.52 | 980 | 0.60 | 1034 | 0.70 |
| 1400 | 675 | 0.25 | 725 | 0.30 | 780 | 0.35 | 835 | 0.43 | 890 | 0.50 | 945 | 0.53 | 995 | 0.65 | 1050 | 0.75 |
| 1500 | 715 | 0.33 | 760 | 0.35 | 810 | 0.40 | 860 | 0.50 | 914 | 0.55 | 965 | 0.63 | 1015 | 0.73 | 1065 | 0.80 |
| 1600 | 755 | 0.38 | 800 | 0.43 | 845 | 0.48 | 895 | 0.55 | 940 | 0.60 | 990 | 0.70 | 1040 | 0.80 | 1085 | 0.88 |
| 1700 | 795 | 0.45 | 835 | 0.50 | 880 | 0.55 | 925 | 0.63 | 970 | 0.70 | 1015 | 0.78 | 1060 | 0.85 | 1105 | 0.95 |
| 1800 | 840 | 0.53 | 875 | 0.58 | 915 | 0.63 | 960 | 0.70 | 1000 | 0.78 | 1045 | 0.85 | 1085 | 0.93 | 1130 | 1.03 |
| 1900 | 880 | 0.63 | 920 | 0.68 | 955 | 0.73 | 995 | 0.80 | 1035 | 0.88 | 1075 | 0.95 | 1115 | 1.03 | 1155 | 1.13 |
| 2000 | 925 | 0.73 | 960 | 0.78 | 995 | 0.83 | 1030 | 0.90 | 1070 | 0.98 | 1105 | 1.05 | 1145 | 1.13 | 1180 | 1.23 |

0.90 to 1.60 in. w.g.

4 Ton Standard Efficiency (Horizon)

KH 048S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.90 | | 1.0 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Kit #2 | | High Static - Drive Kit #6 | | | | | | | | | | | | | |
| 1200 | 1070 | 0.75 | 1120 | 0.85 | 1170 | 0.98 | 1215 | 1.08 | 1255 | 1.18 | 1300 | 1.30 | 1340 | 1.40 | 1380 | 1.55 |
| 1300 | 1085 | 0.80 | 1135 | 0.90 | 1180 | 1.00 | 1225 | 1.13 | 1270 | 1.23 | 1310 | 1.35 | 1350 | 1.48 | 1390 | 1.60 |
| 1400 | 1100 | 0.85 | 1145 | 0.98 | 1195 | 1.08 | 1240 | 1.18 | 1280 | 1.28 | 1324 | 1.43 | 1365 | 1.53 | 1405 | 1.68 |
| 1500 | 1115 | 0.90 | 1160 | 1.03 | 1205 | 1.13 | 1250 | 1.23 | 1295 | 1.35 | 1335 | 1.48 | 1375 | 1.63 | 1415 | 1.73 |
| 1600 | 1130 | 0.98 | 1175 | 1.08 | 1220 | 1.18 | 1265 | 1.33 | 1305 | 1.43 | 1350 | 1.55 | 1390 | 1.68 | 1425 | 1.80 |
| 1700 | 1150 | 1.05 | 1195 | 1.15 | 1240 | 1.28 | 1280 | 1.38 | 1320 | 1.50 | 1365 | 1.63 | 1400 | 1.75 | 1440 | 1.88 |
| 1800 | 1170 | 1.13 | 1215 | 1.23 | 1255 | 1.35 | 1300 | 1.48 | 1340 | 1.58 | 1380 | 1.73 | 1415 | 1.83 | 1455 | 1.98 |
| 1900 | 1195 | 1.23 | 1235 | 1.33 | 1275 | 1.43 | 1315 | 1.55 | 1355 | 1.68 | 1395 | 1.78 | 1435 | 1.93 | 1470 | 2.08 |
| 2000 | 1220 | 1.33 | 1260 | 1.43 | 1300 | 1.53 | 1340 | 1.68 | 1375 | 1.78 | 1415 | 1.93 | 1450 | 2.03 | 1485 | 2.18 |

BELT DRIVE BLOWER PERFORMANCE

0.10 to 0.80 in. w.g.

5 Ton Standard Efficiency (Downflow)

KH 060S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | | | Low Static - Drive Kit #3 | | | | | | | | | |
| 1600 | 675 | 0.30 | 730 | 0.35 | 785 | 0.40 | 835 | 0.45 | 885 | 0.50 | 935 | 0.60 | 985 | 0.65 | 1030 | 0.70 |
| 1700 | 710 | 0.35 | 760 | 0.40 | 815 | 0.45 | 860 | 0.50 | 910 | 0.60 | 960 | 0.65 | 1005 | 0.70 | 1050 | 0.80 |
| 1800 | 745 | 0.45 | 795 | 0.50 | 845 | 0.55 | 890 | 0.60 | 935 | 0.65 | 980 | 0.70 | 1025 | 0.80 | 1070 | 0.85 |
| 1900 | 780 | 0.50 | 830 | 0.55 | 875 | 0.60 | 920 | 0.65 | 965 | 0.75 | 1010 | 0.80 | 1050 | 0.85 | 1090 | 0.95 |
| 2000 | 820 | 0.60 | 865 | 0.65 | 905 | 0.70 | 950 | 0.75 | 990 | 0.80 | 1035 | 0.90 | 1075 | 0.95 | 1115 | 1.05 |
| 2100 | 855 | 0.65 | 900 | 0.70 | 940 | 0.80 | 980 | 0.85 | 1020 | 0.90 | 1060 | 1.00 | 1100 | 1.05 | 1140 | 1.15 |
| 2200 | 890 | 0.75 | 935 | 0.80 | 970 | 0.85 | 1010 | 0.95 | 1050 | 1.00 | 1090 | 1.10 | 1130 | 1.15 | 1165 | 1.25 |
| 2300 | 930 | 0.85 | 970 | 0.90 | 1005 | 1.00 | 1045 | 1.05 | 1080 | 1.10 | 1120 | 1.20 | 1155 | 1.25 | 1190 | 1.35 |
| 2400 | 965 | 0.95 | 1005 | 1.05 | 1040 | 1.10 | 1075 | 1.15 | 1115 | 1.25 | 1150 | 1.30 | 1185 | 1.40 | 1220 | 1.50 |

0.90 to 1.60 in. w.g.

5 Ton Standard Efficiency (Down-Flow)

KH 060S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|----------------------------------|------|------|------|------|------|-----------------------------------|------|------|------|------|------|------|------|------|------|
| | 0.90 | | 1.00 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Low Static - Drive Kit #3 | | | | | | High Static - Drive Kit #7 | | | | | | | | | |
| 1600 | 1075 | 0.80 | 1120 | 0.85 | 1160 | 0.95 | 1200 | 1.05 | 1240 | 1.10 | 1280 | 1.20 | 1320 | 1.30 | 1355 | 1.35 |
| 1700 | 1090 | 0.85 | 1135 | 0.95 | 1175 | 1.00 | 1215 | 1.10 | 1255 | 1.20 | 1295 | 1.30 | 1330 | 1.35 | 1365 | 1.45 |
| 1800 | 1110 | 0.95 | 1155 | 1.00 | 1195 | 1.10 | 1230 | 1.20 | 1270 | 1.25 | 1310 | 1.35 | 1345 | 1.45 | 1380 | 1.55 |
| 1900 | 1135 | 1.05 | 1170 | 1.10 | 1210 | 1.20 | 1250 | 1.25 | 1285 | 1.35 | 1325 | 1.45 | 1360 | 1.55 | 1395 | 1.65 |
| 2000 | 1155 | 1.10 | 1195 | 1.20 | 1230 | 1.30 | 1270 | 1.35 | 1305 | 1.45 | 1340 | 1.55 | 1375 | 1.65 | 1410 | 1.75 |
| 2100 | 1180 | 1.20 | 1215 | 1.30 | 1250 | 1.40 | 1290 | 1.45 | 1325 | 1.55 | 1360 | 1.65 | 1395 | 1.75 | 1425 | 1.85 |
| 2200 | 1200 | 1.30 | 1240 | 1.40 | 1275 | 1.50 | 1310 | 1.60 | 1345 | 1.70 | 1380 | 1.80 | 1410 | 1.85 | 1445 | 1.95 |
| 2300 | 1225 | 1.45 | 1260 | 1.50 | 1295 | 1.60 | 1330 | 1.70 | 1365 | 1.80 | 1400 | 1.90 | 1430 | 2.00 | 1465 | 2.10 |
| 2400 | 1255 | 1.55 | 1285 | 1.65 | 1320 | 1.75 | 1355 | 1.85 | 1385 | 1.90 | 1420 | 2.05 | 1450 | 2.10 | 1480 | 2.20 |

0.10 to 0.80 in. w.g.

5 Ton Standard Efficiency (Horizontal)

KH 060S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field | | Low Static - Drive Kit #3 | | | | | | | | | | | | | |
| 1600 | 785 | 0.40 | 845 | 0.45 | 900 | 0.50 | 955 | 0.55 | 1010 | 0.65 | 1060 | 0.70 | 1110 | 0.80 | 1160 | 0.90 |
| 1700 | 825 | 0.45 | 880 | 0.50 | 935 | 0.60 | 990 | 0.65 | 1040 | 0.70 | 1090 | 0.80 | 1135 | 0.85 | 1185 | 0.95 |
| 1800 | 865 | 0.50 | 920 | 0.60 | 975 | 0.65 | 1020 | 0.75 | 1070 | 0.80 | 1120 | 0.90 | 1165 | 0.95 | 1210 | 1.05 |
| 1900 | 910 | 0.60 | 960 | 0.70 | 1010 | 0.75 | 1060 | 0.85 | 1105 | 0.90 | 1150 | 1.00 | 1195 | 1.05 | 1240 | 1.15 |
| 2000 | 950 | 0.70 | 1000 | 0.80 | 1050 | 0.85 | 1095 | 0.95 | 1140 | 1.00 | 1185 | 1.10 | 1225 | 1.15 | 1265 | 1.25 |
| 2100 | 995 | 0.80 | 1040 | 0.90 | 1085 | 0.95 | 1130 | 1.05 | 1175 | 1.15 | 1215 | 1.20 | 1260 | 1.30 | 1300 | 1.40 |
| 2200 | 1040 | 0.95 | 1085 | 1.00 | 1125 | 1.10 | 1170 | 1.15 | 1210 | 1.25 | 1250 | 1.35 | 1290 | 1.40 | 1330 | 1.50 |
| 2300 | 1080 | 1.05 | 1125 | 1.15 | 1165 | 1.20 | 1205 | 1.30 | 1245 | 1.40 | 1285 | 1.45 | 1325 | 1.55 | 1360 | 1.65 |
| 2400 | 1125 | 1.20 | 1165 | 1.25 | 1205 | 1.35 | 1245 | 1.45 | 1285 | 1.55 | 1320 | 1.60 | 1360 | 1.70 | 1395 | 1.80 |

0.90 to 1.60 in. w.g.

5 Ton Standard Efficiency (Horizontal)

KH 060S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.90 | | 1.00 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Drive Kit #3 | | High Static - Drive Kit #7 | | | | | | | | | | | | | |
| 1600 | 1210 | 0.95 | 1255 | 1.05 | 1305 | 1.15 | 1350 | 1.30 | 1395 | 1.40 | 1440 | 1.55 | 1485 | 1.65 | 1530 | 1.80 |
| 1700 | 1230 | 1.05 | 1275 | 1.15 | 1320 | 1.25 | 1365 | 1.35 | 1410 | 1.45 | 1455 | 1.60 | 1495 | 1.70 | 1540 | 1.85 |
| 1800 | 1255 | 1.15 | 1300 | 1.25 | 1340 | 1.35 | 1385 | 1.45 | 1425 | 1.55 | 1470 | 1.70 | 1510 | 1.80 | 1550 | 1.95 |
| 1900 | 1280 | 1.25 | 1325 | 1.35 | 1365 | 1.45 | 1405 | 1.55 | 1445 | 1.65 | 1485 | 1.75 | 1525 | 1.90 | 1565 | 2.00 |
| 2000 | 1310 | 1.35 | 1350 | 1.45 | 1390 | 1.55 | 1430 | 1.65 | 1470 | 1.75 | 1505 | 1.85 | 1545 | 2.00 | 1585 | 2.15 |
| 2100 | 1340 | 1.50 | 1375 | 1.55 | 1415 | 1.65 | 1455 | 1.80 | 1490 | 1.90 | 1530 | 2.00 | 1565 | 2.10 | 1605 | 2.25 |
| 2200 | 1370 | 1.60 | 1405 | 1.70 | 1445 | 1.80 | 1480 | 1.90 | 1515 | 2.00 | 1555 | 2.15 | 1590 | 2.25 | 1625 | 2.40 |
| 2300 | 1400 | 1.75 | 1435 | 1.85 | 1470 | 1.95 | 1510 | 2.05 | 1545 | 2.20 | 1580 | 2.30 | 1615 | 2.40 | 1650 | 2.55 |
| 2400 | 1430 | 1.90 | 1465 | 2.00 | 1505 | 2.15 | 1535 | 2.20 | 1570 | 2.35 | 1605 | 2.45 | 1640 | 2.60 | 1675 | 2.70 |

BELT DRIVE BLOWER PERFORMANCE

0.10 to 0.80 in. w.g.

6 Ton Standard Efficiency (Downflow)

KH 072S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|----------------------------------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field Furnished | | | | | | | | | | Low Static - Drive Kit #4 | | | | | |
| 1900 | 752 | 0.48 | 803 | 0.53 | 855 | 0.58 | 903 | 0.62 | 957 | 0.72 | 1008 | 0.78 | 1066 | 0.88 | 1118 | 0.92 |
| 2000 | 793 | 0.52 | 845 | 0.62 | 892 | 0.68 | 940 | 0.73 | 990 | 0.77 | 1041 | 0.88 | 1093 | 0.93 | 1144 | 1.03 |
| 2100 | 838 | 0.64 | 881 | 0.68 | 929 | 0.73 | 978 | 0.83 | 1023 | 0.88 | 1073 | 0.93 | 1124 | 1.03 | 1169 | 1.14 |
| 2200 | 880 | 0.73 | 923 | 0.78 | 966 | 0.84 | 1015 | 0.93 | 1061 | 0.99 | 1104 | 1.03 | 1149 | 1.13 | 1198 | 1.24 |
| 2300 | 921 | 0.83 | 966 | 0.89 | 1009 | 0.93 | 1053 | 0.99 | 1097 | 1.09 | 1139 | 1.15 | 1183 | 1.25 | 1220 | 1.35 |
| 2400 | 964 | 0.94 | 1007 | 0.99 | 1046 | 1.05 | 1089 | 1.14 | 1127 | 1.19 | 1168 | 1.29 | 1211 | 1.35 | 1247 | 1.45 |
| 2500 | 1006 | 1.05 | 1044 | 1.09 | 1087 | 1.14 | 1124 | 1.25 | 1160 | 1.30 | 1201 | 1.40 | 1238 | 1.51 | 1274 | 1.56 |
| 2600 | 1047 | 1.15 | 1085 | 1.20 | 1121 | 1.30 | 1157 | 1.36 | 1197 | 1.46 | 1234 | 1.56 | 1269 | 1.62 | 1304 | 1.72 |
| 2700 | 1094 | 1.31 | 1124 | 1.37 | 1159 | 1.41 | 1195 | 1.52 | 1229 | 1.62 | 1265 | 1.67 | 1295 | 1.77 | 1330 | 1.88 |
| 2800 | 1133 | 1.42 | 1162 | 1.52 | 1196 | 1.57 | 1226 | 1.67 | 1260 | 1.73 | 1295 | 1.83 | 1325 | 1.94 | 1360 | 2.04 |
| 2900 | 1170 | 1.58 | 1204 | 1.68 | 1232 | 1.73 | 1261 | 1.84 | 1290 | 1.89 | 1326 | 2.00 | 1356 | 2.09 | 1386 | 2.19 |

0.90 to 1.60 in. w.g.

6 Ton Standard Efficiency (Downflow)

KH 072S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.90 | | 1.00 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | High Static - Drive Kit #8 | | | | | | | | | | | | | | | |
| 1900 | 1170 | 1.03 | 1216 | 1.12 | 1261 | 1.23 | 1299 | 1.28 | 1338 | 1.39 | 1381 | 1.49 | 1423 | 1.59 | 1462 | 1.69 |
| 2000 | 1190 | 1.13 | 1238 | 1.18 | 1279 | 1.28 | 1317 | 1.39 | 1356 | 1.49 | 1397 | 1.59 | 1434 | 1.69 | 1476 | 1.80 |
| 2100 | 1213 | 1.19 | 1261 | 1.29 | 1300 | 1.39 | 1339 | 1.49 | 1373 | 1.60 | 1414 | 1.70 | 1449 | 1.79 | 1490 | 1.90 |
| 2200 | 1241 | 1.30 | 1282 | 1.39 | 1316 | 1.50 | 1355 | 1.60 | 1394 | 1.70 | 1429 | 1.79 | 1463 | 1.90 | 1498 | 1.99 |
| 2300 | 1263 | 1.39 | 1303 | 1.50 | 1337 | 1.60 | 1376 | 1.70 | 1409 | 1.80 | 1444 | 1.90 | 1483 | 2.04 | 1517 | 2.14 |
| 2400 | 1289 | 1.55 | 1323 | 1.61 | 1362 | 1.76 | 1397 | 1.86 | 1430 | 1.96 | 1464 | 2.05 | 1498 | 2.15 | 1532 | 2.25 |
| 2500 | 1314 | 1.66 | 1349 | 1.76 | 1383 | 1.87 | 1416 | 1.96 | 1451 | 2.06 | 1484 | 2.15 | 1517 | 2.24 | 1545 | 2.34 |
| 2600 | 1340 | 1.82 | 1374 | 1.92 | 1408 | 2.02 | 1438 | 2.12 | 1471 | 2.21 | 1505 | 2.30 | 1532 | 2.39 | 1565 | 2.49 |
| 2700 | 1365 | 1.98 | 1399 | 2.08 | 1429 | 2.12 | 1463 | 2.27 | 1497 | 2.36 | 1525 | 2.45 | 1558 | 2.55 | 1585 | 2.63 |
| 2800 | 1390 | 2.08 | 1425 | 2.24 | 1454 | 2.27 | 1488 | 2.42 | 1517 | 2.51 | 1545 | 2.60 | 1578 | 2.69 | 1605 | 2.84 |
| 2900 | 1421 | 2.28 | 1451 | 2.39 | 1480 | 2.47 | 1514 | 2.57 | 1543 | 2.65 | 1570 | 2.75 | 1597 | 2.89 | 1625 | 2.99 |

Note - **BOLD** - to operate in this range, 3 hp blower motor is required.

BELT DRIVE BLOWER PERFORMANCE

0.10 to 0.80 in. w.g.

6 Ton Standard Efficiency (Horizon)

KH 072S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | Field | | Low Static - Drive Kit #4 | | | | | | | | | | | | | |
| 1900 | 919 | 0.60 | 969 | 0.65 | 1020 | 0.74 | 1065 | 0.79 | 1111 | 0.83 | 1154 | 0.93 | 1194 | 0.99 | 1232 | 1.04 |
| 2000 | 962 | 0.70 | 1013 | 0.75 | 1058 | 0.84 | 1103 | 0.90 | 1148 | 0.94 | 1186 | 1.04 | 1226 | 1.09 | 1264 | 1.15 |
| 2100 | 1010 | 0.80 | 1056 | 0.85 | 1101 | 0.95 | 1146 | 0.99 | 1185 | 1.05 | 1223 | 1.15 | 1262 | 1.20 | 1296 | 1.30 |
| 2200 | 1054 | 0.91 | 1099 | 0.95 | 1143 | 1.06 | 1183 | 1.10 | 1222 | 1.21 | 1261 | 1.25 | 1295 | 1.36 | 1333 | 1.41 |
| 2300 | 1102 | 1.01 | 1142 | 1.11 | 1182 | 1.16 | 1220 | 1.26 | 1258 | 1.31 | 1297 | 1.42 | 1330 | 1.46 | 1364 | 1.57 |
| 2400 | 1146 | 1.16 | 1184 | 1.21 | 1224 | 1.32 | 1262 | 1.37 | 1300 | 1.47 | 1333 | 1.58 | 1367 | 1.63 | 1401 | 1.72 |
| 2500 | 1188 | 1.27 | 1227 | 1.38 | 1265 | 1.48 | 1303 | 1.53 | 1336 | 1.63 | 1370 | 1.73 | 1404 | 1.79 | 1438 | 1.88 |
| 2600 | 1235 | 1.44 | 1273 | 1.55 | 1306 | 1.65 | 1339 | 1.70 | 1378 | 1.79 | 1407 | 1.89 | 1441 | 1.99 | 1475 | 2.03 |
| 2700 | 1276 | 1.61 | 1314 | 1.71 | 1347 | 1.81 | 1380 | 1.91 | 1414 | 2.00 | 1449 | 2.05 | 1478 | 2.14 | 1512 | 2.23 |
| 2800 | 1321 | 1.82 | 1354 | 1.92 | 1388 | 1.97 | 1421 | 2.07 | 1456 | 2.16 | 1485 | 2.25 | 1519 | 2.34 | 1549 | 2.44 |
| 2900 | 1367 | 2.03 | 1400 | 2.08 | 1429 | 2.17 | 1463 | 2.27 | 1497 | 2.36 | 1526 | 2.45 | 1556 | 2.54 | 1586 | 2.63 |

0.90 to 1.60 in. w.g.

6 Ton Standard Efficiency (Horizon)

KH 072S

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | |
|------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.90 | | 1.00 | | 1.10 | | 1.20 | | 1.30 | | 1.40 | | 1.50 | | 1.60 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| | High Static - Drive Kit #8 | | | | | | | | | | | | | | | |
| 1900 | 1271 | 1.13 | 1310 | 1.18 | 1345 | 1.24 | 1380 | 1.34 | 1421 | 1.39 | 1458 | 1.50 | 1493 | 1.60 | 1524 | 1.65 |
| 2000 | 1303 | 1.24 | 1337 | 1.29 | 1371 | 1.40 | 1412 | 1.45 | 1448 | 1.55 | 1485 | 1.61 | 1516 | 1.70 | 1551 | 1.75 |
| 2100 | 1335 | 1.36 | 1370 | 1.45 | 1404 | 1.50 | 1439 | 1.60 | 1476 | 1.65 | 1512 | 1.76 | 1544 | 1.81 | 1579 | 1.90 |
| 2200 | 1367 | 1.51 | 1401 | 1.56 | 1436 | 1.66 | 1472 | 1.71 | 1503 | 1.81 | 1540 | 1.91 | 1570 | 1.96 | 1606 | 2.06 |
| 2300 | 1398 | 1.62 | 1433 | 1.71 | 1468 | 1.81 | 1503 | 1.86 | 1535 | 1.97 | 1567 | 2.02 | 1603 | 2.11 | 1633 | 2.21 |
| 2400 | 1436 | 1.78 | 1470 | 1.87 | 1501 | 1.96 | 1535 | 2.01 | 1567 | 2.12 | 1600 | 2.22 | 1630 | 2.27 | 1660 | 2.36 |
| 2500 | 1473 | 1.98 | 1503 | 2.03 | 1533 | 2.12 | 1568 | 2.21 | 1599 | 2.27 | 1631 | 2.37 | 1662 | 2.47 | 1693 | 2.57 |
| 2600 | 1505 | 2.13 | 1539 | 2.23 | 1570 | 2.32 | 1600 | 2.37 | 1632 | 2.47 | 1664 | 2.57 | 1694 | 2.67 | 1725 | 2.77 |
| 2700 | 1542 | 2.33 | 1572 | 2.37 | 1607 | 2.47 | 1638 | 2.57 | 1664 | 2.67 | 1696 | 2.77 | 1726 | 2.87 | 1757 | 2.97 |
| 2800 | 1579 | 2.53 | 1609 | 2.58 | 1640 | 2.68 | 1670 | 2.77 | 1701 | 2.87 | 1732 | 2.96 | 1758 | 3.07 | 1789 | 3.16 |
| 2900 | 1616 | 2.73 | 1646 | 2.83 | 1676 | 2.92 | 1708 | 3.02 | 1733 | 3.06 | 1764 | 3.17 | 1794 | 3.31 | 1821 | 3.37 |

Note - **BOLD** - to operate in this range, 3 hp blower motor is required.

BLOWER DATA - DIRECT DRIVE - 3 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

DOWNFLOW

| External Static Press. in. w.g. | Percentage of Total Motor Torque | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|----------------------------------|-----|-------|-----|-----|-------|------|-----|-------|------|-----|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|
| | 20% | | | 30% | | | 40% | | | 50% | | | 60% | | | 70% | | | 80% | | | 90% | | | 100% | | |
| | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts |
| 0 | 785 | 38 | 407 | 969 | 68 | 468 | 1152 | 98 | 529 | 1301 | 140 | 581 | 1449 | 182 | 634 | 1571 | 236 | 683 | 1693 | 290 | 732 | 1799 | 352 | 770 | 1904 | 414 | 809 |
| 0.1 | 720 | 44 | 475 | 919 | 74 | 522 | 1117 | 104 | 569 | 1264 | 150 | 626 | 1411 | 195 | 684 | 1539 | 248 | 724 | 1667 | 301 | 765 | 1772 | 366 | 805 | 1877 | 431 | 844 |
| 0.2 | 645 | 50 | 550 | 851 | 83 | 593 | 1056 | 116 | 637 | 1218 | 161 | 680 | 1380 | 205 | 722 | 1509 | 259 | 762 | 1638 | 313 | 802 | 1744 | 380 | 840 | 1849 | 446 | 879 |
| 0.3 | 570 | 56 | 620 | 793 | 90 | 651 | 1016 | 124 | 681 | 1175 | 172 | 730 | 1334 | 220 | 779 | 1468 | 274 | 813 | 1601 | 328 | 846 | 1708 | 396 | 883 | 1815 | 464 | 920 |
| 0.4 | 505 | 60 | 678 | 731 | 97 | 712 | 956 | 135 | 746 | 1130 | 182 | 781 | 1303 | 229 | 815 | 1434 | 286 | 852 | 1564 | 342 | 889 | 1676 | 410 | 920 | 1787 | 477 | 951 |
| 0.5 | 432 | 65 | 740 | 663 | 105 | 775 | 895 | 145 | 810 | 1076 | 194 | 839 | 1257 | 243 | 867 | 1396 | 298 | 895 | 1534 | 353 | 923 | 1647 | 421 | 952 | 1759 | 489 | 981 |
| 0.6 | --- | --- | --- | --- | --- | --- | 855 | 152 | 852 | 1033 | 204 | 884 | 1211 | 256 | 917 | 1351 | 312 | 944 | 1490 | 369 | 971 | 1604 | 437 | 997 | 1718 | 505 | 1024 |
| 0.7 | --- | --- | --- | --- | --- | --- | 792 | 163 | 916 | 986 | 213 | 933 | 1180 | 264 | 949 | 1320 | 321 | 975 | 1460 | 379 | 1002 | 1575 | 447 | 1026 | 1690 | 515 | 1050 |
| 0.8 | --- | --- | --- | --- | --- | --- | 734 | 173 | 975 | 934 | 224 | 985 | 1134 | 275 | 995 | 1275 | 334 | 1021 | 1416 | 393 | 1046 | 1533 | 460 | 1067 | 1649 | 527 | 1088 |
| 0.9 | --- | --- | --- | --- | --- | --- | 674 | 183 | 1034 | 881 | 234 | 1037 | 1088 | 286 | 1039 | 1230 | 346 | 1064 | 1371 | 406 | 1088 | 1490 | 471 | 1106 | 1608 | 537 | 1123 |
| 1.0 | --- | --- | --- | --- | --- | --- | 613 | 193 | 1095 | 820 | 246 | 1094 | 1026 | 300 | 1093 | 1184 | 357 | 1104 | 1342 | 414 | 1115 | 1448 | 480 | 1140 | 1553 | 547 | 1165 |
| 1.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 980 | 309 | 1131 | 1139 | 367 | 1142 | 1297 | 425 | 1154 | 1404 | 488 | 1173 | 1511 | 551 | 1192 | |
| 1.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1253 | 436 | 1190 | 495 | 1207 | 1456 | 554 | 1225 | 1456 | 554 | 1225 | 1225 |

HORIZONTAL

| External Static Press. in. w.g. | Percentage of Total Motor Torque | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|----------------------------------|-----|-------|-----|-----|-------|------|-----|-------|------|-----|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
| | 20% | | | 30% | | | 40% | | | 50% | | | 60% | | | 70% | | | 80% | | | 90% | | | 100% | | | |
| | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | |
| 0 | 796 | 43 | 372 | 975 | 64 | 447 | 1155 | 85 | 524 | 1302 | 126 | 560 | 1448 | 168 | 597 | 1566 | 214 | 639 | 1684 | 260 | 680 | 1786 | 323 | 720 | 1888 | 386 | 761 | |
| 0.1 | 709 | 50 | 461 | 909 | 75 | 512 | 1110 | 101 | 564 | 1254 | 143 | 613 | 1398 | 185 | 662 | 1523 | 231 | 695 | 1649 | 277 | 729 | 1754 | 344 | 769 | 1858 | 411 | 810 | |
| 0.2 | 617 | 57 | 553 | 828 | 88 | 591 | 1040 | 118 | 629 | 1204 | 156 | 664 | 1368 | 194 | 698 | 1492 | 243 | 734 | 1616 | 291 | 771 | 1721 | 358 | 808 | 1826 | 424 | 845 | |
| 0.3 | 503 | 64 | 662 | 747 | 97 | 668 | 992 | 131 | 676 | 1151 | 172 | 722 | 1310 | 212 | 768 | 1442 | 260 | 794 | 1574 | 308 | 820 | 1681 | 374 | 853 | 1787 | 440 | 887 | |
| 0.4 | 419 | 69 | 747 | 671 | 107 | 746 | 924 | 146 | 747 | 1095 | 185 | 782 | 1266 | 225 | 818 | 1398 | 275 | 844 | 1530 | 325 | 870 | 1640 | 389 | 899 | 1749 | 454 | 927 | |
| 0.5 | 323 | 75 | 843 | 589 | 117 | 832 | 857 | 159 | 821 | 1039 | 198 | 844 | 1221 | 237 | 867 | 1359 | 287 | 888 | 1496 | 337 | 909 | 1598 | 403 | 941 | 1701 | 470 | 973 | |
| 0.6 | --- | --- | --- | --- | --- | --- | 817 | 165 | 871 | 990 | 208 | 900 | 1162 | 252 | 929 | 1296 | 306 | 954 | 1431 | 360 | 979 | 1546 | 421 | 995 | 1662 | 481 | 1010 | |
| 0.7 | --- | --- | --- | --- | --- | --- | 747 | 176 | 957 | 933 | 219 | 966 | 1118 | 262 | 974 | 1264 | 314 | 987 | 1410 | 367 | 1000 | 1523 | 427 | 1016 | 1636 | 487 | 1032 | |
| 0.8 | --- | --- | --- | --- | --- | --- | 700 | 181 | 1026 | 886 | 226 | 1022 | 1073 | 271 | 1018 | 1216 | 327 | 1035 | 1359 | 383 | 1051 | 1469 | 442 | 1066 | 1579 | 501 | 1081 | |
| 0.9 | --- | --- | --- | --- | --- | --- | 643 | 187 | 1110 | 829 | 235 | 1091 | 1015 | 283 | 1073 | 1161 | 341 | 1087 | 1307 | 399 | 1101 | 1409 | 456 | 1118 | 1510 | 513 | 1136 | |
| 1.0 | --- | --- | --- | --- | --- | --- | 592 | 190 | 1197 | 781 | 241 | 1154 | 970 | 291 | 1113 | 1114 | 352 | 1130 | 1258 | 413 | 1147 | 1355 | 467 | 1161 | 1452 | 520 | 1176 | |
| 1.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 915 | 300 | 1162 | 1067 | 362 | 1171 | 1219 | 424 | 1180 | 1312 | 473 | 1192 | 1405 | 522 | 1204 | 1204 | |
| 1.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1168 | 437 | 1223 | 480 | 1235 | 1248 | 523 | 1248 | 480 | 1235 | 1329 | 523 | 1246 |

BLOWER DATA - DIRECT DRIVE - LCH 4 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

- 1 - Any factory installed options air resistance (heat section, economizer, etc.).
- 2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

DOWNFLOW

| External Static Press. in. w.g. | Percentage of Total Motor Torque | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|----------------------------------|-----|------|-------|-----|------|-------|-----|------|-------|-----|------|-------|-----|------|-------|------|------|-------|-----|------|-------|-----|------|------|-----|------|
| | 20% | | 30% | | 40% | | 50% | | 60% | | 70% | | 80% | | 90% | | 100% | | | | | | | | | | |
| | Cfm | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | | | | |
| 0 | 1046 | 77 | 485 | 1257 | 134 | 565 | 1468 | 191 | 646 | 1639 | 271 | 715 | 1810 | 351 | 784 | 1960 | 445 | 837 | 2109 | 539 | 890 | 2251 | 674 | 947 | 2393 | 810 | 1004 |
| 0.1 | 992 | 85 | 543 | 1211 | 145 | 619 | 1430 | 205 | 695 | 1609 | 285 | 755 | 1788 | 365 | 814 | 1937 | 463 | 870 | 2086 | 561 | 925 | 2227 | 691 | 977 | 2367 | 822 | 1029 |
| 0.2 | 926 | 95 | 612 | 1166 | 154 | 669 | 1405 | 214 | 727 | 1580 | 299 | 793 | 1755 | 384 | 859 | 1909 | 482 | 909 | 2063 | 581 | 959 | 2200 | 708 | 1008 | 2336 | 835 | 1056 |
| 0.3 | 883 | 101 | 657 | 1125 | 164 | 715 | 1367 | 227 | 774 | 1551 | 311 | 831 | 1734 | 396 | 888 | 1891 | 495 | 934 | 2048 | 593 | 980 | 2181 | 719 | 1028 | 2314 | 844 | 1076 |
| 0.4 | 818 | 111 | 724 | 1074 | 175 | 772 | 1329 | 240 | 820 | 1515 | 327 | 875 | 1701 | 414 | 930 | 1859 | 515 | 975 | 2017 | 617 | 1021 | 2147 | 737 | 1064 | 2276 | 857 | 1107 |
| 0.5 | 752 | 121 | 791 | 1022 | 187 | 828 | 1291 | 253 | 865 | 1485 | 339 | 911 | 1679 | 425 | 957 | 1837 | 529 | 1003 | 1994 | 632 | 1049 | 2120 | 749 | 1090 | 2245 | 866 | 1131 |
| 0.6 | 688 | 131 | 858 | 979 | 200 | 886 | 1202 | 265 | 908 | 1450 | 354 | 952 | 1646 | 442 | 996 | 1809 | 544 | 1036 | 1972 | 646 | 1076 | 2094 | 760 | 1114 | 2215 | 873 | 1153 |
| 0.7 | 624 | 141 | 925 | 936 | 219 | 947 | 1202 | 282 | 965 | 1408 | 370 | 999 | 1613 | 458 | 1034 | 1777 | 560 | 1071 | 1941 | 662 | 1109 | 2063 | 771 | 1141 | 2185 | 879 | 1174 |
| 0.8 | 560 | 151 | 992 | 901 | 238 | 1018 | 1164 | 294 | 1006 | 1372 | 383 | 1038 | 1580 | 473 | 1070 | 1745 | 574 | 1104 | 1910 | 676 | 1138 | 2025 | 781 | 1171 | 2139 | 886 | 1204 |
| 0.9 | 500 | 161 | 1060 | 872 | 257 | 1085 | 1126 | 306 | 1046 | 1337 | 396 | 1075 | 1548 | 487 | 1105 | 1714 | 587 | 1135 | 1880 | 687 | 1165 | 1987 | 788 | 1198 | 2094 | 889 | 1230 |
| 1.0 | 440 | 171 | 1128 | 843 | 276 | 1152 | 1081 | 320 | 1092 | 1298 | 410 | 1115 | 1515 | 500 | 1138 | 1675 | 599 | 1169 | 1834 | 699 | 1200 | 1941 | 794 | 1227 | 2048 | 889 | 1254 |
| 1.1 | 380 | 181 | 1196 | 814 | 295 | 1218 | 1047 | 334 | 1128 | 1337 | 424 | 1135 | 1515 | 514 | 1174 | 1632 | 609 | 1201 | 1788 | 704 | 1229 | 1896 | 795 | 1251 | 2003 | 886 | 1274 |
| 1.2 | 320 | 191 | 1264 | 785 | 314 | 1284 | 1013 | 348 | 1158 | 1376 | 438 | 1152 | 1476 | 514 | 1174 | 1632 | 609 | 1201 | 1788 | 704 | 1229 | 1896 | 795 | 1251 | 2003 | 886 | 1274 |
| 1.2 | 260 | 201 | 1332 | 756 | 333 | 1350 | 979 | 362 | 1188 | 1415 | 452 | 1171 | 1476 | 514 | 1174 | 1632 | 609 | 1201 | 1788 | 704 | 1229 | 1896 | 795 | 1251 | 2003 | 886 | 1274 |

HORIZONTAL

| External Static Press. in. w.g. | Percentage of Total Motor Torque | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|----------------------------------|-----|------|-------|-----|------|-------|-----|------|-------|-----|------|-------|-----|------|-------|------|------|-------|-----|------|-------|-----|------|-------|-----|------|
| | 20% | | 30% | | 40% | | 50% | | 60% | | 70% | | 80% | | 90% | | 100% | | | | | | | | | | |
| | Cfm | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | Cfm | Watts | RPM | |
| 0 | 1023 | 78 | 452 | 1234 | 131 | 536 | 1445 | 183 | 621 | 1611 | 251 | 688 | 1776 | 319 | 754 | 1910 | 400 | 800 | 2043 | 480 | 846 | 2192 | 613 | 904 | 2340 | 746 | 963 |
| 0.1 | 970 | 82 | 529 | 1192 | 137 | 596 | 1414 | 192 | 664 | 1586 | 261 | 722 | 1757 | 330 | 780 | 1902 | 427 | 837 | 2048 | 523 | 893 | 2189 | 640 | 942 | 2330 | 758 | 991 |
| 0.2 | 909 | 86 | 590 | 1146 | 144 | 647 | 1383 | 201 | 705 | 1553 | 275 | 764 | 1723 | 349 | 824 | 1876 | 444 | 873 | 2028 | 540 | 923 | 2170 | 659 | 970 | 2312 | 779 | 1018 |
| 0.3 | 829 | 95 | 675 | 1084 | 154 | 718 | 1339 | 213 | 761 | 1520 | 287 | 807 | 1701 | 361 | 853 | 1853 | 459 | 903 | 2005 | 557 | 953 | 2138 | 673 | 1001 | 2271 | 789 | 1049 |
| 0.4 | 772 | 104 | 734 | 1032 | 165 | 774 | 1293 | 226 | 814 | 1477 | 304 | 859 | 1661 | 382 | 904 | 1818 | 480 | 949 | 1975 | 579 | 993 | 2098 | 690 | 1039 | 2222 | 802 | 1084 |
| 0.5 | 688 | 118 | 818 | 967 | 178 | 841 | 1247 | 238 | 864 | 1439 | 317 | 902 | 1631 | 396 | 940 | 1787 | 498 | 986 | 1943 | 599 | 1032 | 2066 | 704 | 1069 | 2189 | 809 | 1106 |
| 0.6 | 624 | 128 | 885 | 938 | 197 | 894 | 1202 | 249 | 910 | 1400 | 330 | 944 | 1597 | 411 | 978 | 1758 | 512 | 1018 | 1920 | 613 | 1059 | 2035 | 715 | 1095 | 2150 | 817 | 1132 |
| 0.7 | 560 | 138 | 952 | 909 | 216 | 947 | 1146 | 265 | 967 | 1355 | 345 | 990 | 1565 | 426 | 1014 | 1727 | 527 | 1053 | 1889 | 629 | 1092 | 1997 | 726 | 1125 | 2105 | 822 | 1158 |
| 0.8 | 500 | 148 | 1020 | 880 | 235 | 1002 | 1085 | 280 | 1021 | 1302 | 362 | 1040 | 1520 | 443 | 1060 | 1685 | 544 | 1095 | 1849 | 646 | 1130 | 1950 | 737 | 1160 | 2051 | 828 | 1191 |
| 0.9 | 440 | 158 | 1088 | 851 | 254 | 1069 | 1029 | 292 | 1064 | 1255 | 376 | 1085 | 1481 | 460 | 1106 | 1643 | 560 | 1137 | 1805 | 660 | 1167 | 1898 | 745 | 1194 | 1991 | 830 | 1222 |
| 1.0 | 380 | 168 | 1156 | 822 | 273 | 1136 | 961 | 308 | 1114 | 1207 | 389 | 1126 | 1456 | 471 | 1137 | 1601 | 571 | 1173 | 1746 | 672 | 1209 | 1836 | 751 | 1230 | 1926 | 829 | 1251 |
| 1.1 | 320 | 178 | 1224 | 793 | 292 | 1203 | 927 | 322 | 1143 | 1247 | 403 | 1143 | 1416 | 488 | 1185 | 1549 | 581 | 1213 | 1682 | 675 | 1241 | 1774 | 750 | 1258 | 1867 | 824 | 1276 |
| 1.2 | 260 | 188 | 1292 | 764 | 311 | 1269 | 893 | 336 | 1169 | 1286 | 417 | 1163 | 1416 | 488 | 1185 | 1549 | 581 | 1213 | 1682 | 675 | 1241 | 1774 | 750 | 1258 | 1867 | 824 | 1276 |
| 1.2 | 200 | 198 | 1360 | 735 | 330 | 1335 | 864 | 350 | 1195 | 1325 | 431 | 1181 | 1416 | 488 | 1185 | 1549 | 581 | 1213 | 1682 | 675 | 1241 | 1774 | 750 | 1258 | 1867 | 824 | 1276 |
| 1.2 | 140 | 208 | 1428 | 706 | 349 | 1401 | 835 | 364 | 1221 | 1364 | 445 | 1200 | 1416 | 488 | 1185 | 1549 | 581 | 1213 | 1682 | 675 | 1241 | 1774 | 750 | 1258 | 1867 | 824 | 1276 |

BLOWER DATA - DIRECT DRIVE - LCH 5 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

- 1 - Any factory installed options air resistance (heat section, economizer, etc.).
- 2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

DOWNFLOW

| External Static Press. in. w.g. | Percentage of Total Motor Torque | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|----------------------------------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|------|-------|------|------|-------|------|
| | 20% | | | 30% | | | 40% | | | 50% | | | 60% | | | 70% | | | 80% | | | 90% | | | 100% | | | |
| | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | |
| 0 | 1102 | 76 | 420 | 1324 | 143 | 510 | 1545 | 211 | 601 | 1740 | 302 | 667 | 1934 | 393 | 734 | 2096 | 519 | 797 | 2258 | 645 | 860 | 2396 | 791 | 910 | 2534 | 938 | 959 | |
| 0.1 | 1038 | 85 | 484 | 1284 | 153 | 559 | 1529 | 221 | 633 | 1722 | 315 | 698 | 1914 | 410 | 763 | 2078 | 535 | 823 | 2242 | 660 | 882 | 2378 | 810 | 934 | 2514 | 960 | 986 | |
| 0.2 | 975 | 94 | 546 | 1235 | 165 | 611 | 1495 | 236 | 677 | 1692 | 332 | 737 | 1888 | 429 | 798 | 2057 | 553 | 851 | 2225 | 677 | 905 | 2363 | 825 | 954 | 2501 | 973 | 1003 | |
| 0.3 | 911 | 104 | 603 | 1192 | 175 | 654 | 1473 | 245 | 706 | 1672 | 343 | 763 | 1871 | 441 | 820 | 2040 | 566 | 874 | 2208 | 692 | 928 | 2348 | 839 | 974 | 2488 | 987 | 1020 | |
| 0.4 | 847 | 114 | 657 | 1143 | 187 | 702 | 1439 | 259 | 747 | 1642 | 359 | 800 | 1845 | 458 | 852 | 2015 | 585 | 904 | 2185 | 712 | 956 | 2327 | 858 | 1000 | 2469 | 1005 | 1044 | |
| 0.5 | 784 | 124 | 708 | 1095 | 198 | 747 | 1406 | 273 | 785 | 1613 | 374 | 835 | 1819 | 475 | 884 | 1994 | 600 | 931 | 2168 | 726 | 977 | 2309 | 874 | 1022 | 2450 | 1022 | 1066 | |
| 0.6 | --- | --- | --- | --- | --- | --- | 1372 | 285 | 822 | 1583 | 388 | 868 | 1793 | 490 | 915 | 1969 | 617 | 959 | 2145 | 743 | 1004 | 2288 | 890 | 1046 | 2431 | 1037 | 1087 | |
| 0.7 | --- | --- | --- | --- | --- | --- | 1339 | 297 | 856 | 1553 | 401 | 900 | 1767 | 505 | 944 | 1945 | 633 | 987 | 2122 | 760 | 1029 | 2267 | 906 | 1068 | 2411 | 1051 | 1108 | |
| 0.8 | --- | --- | --- | --- | --- | --- | 1294 | 313 | 899 | 1518 | 416 | 936 | 1741 | 519 | 973 | 1920 | 647 | 1013 | 2099 | 776 | 1054 | 2246 | 920 | 1090 | 2392 | 1064 | 1127 | |
| 0.9 | --- | --- | --- | --- | --- | --- | 1249 | 327 | 937 | 1478 | 432 | 974 | 1706 | 537 | 1010 | 1891 | 663 | 1043 | 2076 | 790 | 1077 | 2221 | 934 | 1113 | 2366 | 1078 | 1150 | |
| 1.0 | --- | --- | --- | --- | --- | --- | 1193 | 343 | 980 | 1437 | 446 | 1008 | 1680 | 549 | 1036 | 1867 | 676 | 1067 | 2053 | 803 | 1098 | 2200 | 945 | 1132 | 2347 | 1087 | 1166 | |
| 1.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1649 | 562 | 1066 | 1834 | 691 | 1097 | 2019 | 821 | 1129 | 2164 | 961 | 1162 | 2308 | 1100 | 1194 | |
| 1.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1984 | 836 | 1157 | 2133 | 971 | 1184 | 2282 | 1106 | 1211 | 1184 | 2282 | 1106 | 1211 |

HORIZONTAL

| External Static Press. in. w.g. | Percentage of Total Motor Torque | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|----------------------------------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|------|-------|------|------|-------|------|------|-------|
| | 20% | | | 30% | | | 40% | | | 50% | | | 60% | | | 70% | | | 80% | | | 90% | | | 100% | | |
| | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts | Cfm | RPM | Watts |
| 0 | 1129 | 85 | 418 | 1343 | 146 | 512 | 1556 | 208 | 606 | 1740 | 306 | 679 | 1923 | 405 | 752 | 2084 | 530 | 812 | 2245 | 655 | 872 | 2377 | 807 | 927 | 2508 | 959 | 982 |
| 0.1 | 1063 | 88 | 464 | 1295 | 154 | 550 | 1527 | 220 | 635 | 1715 | 318 | 705 | 1903 | 417 | 776 | 2070 | 546 | 835 | 2237 | 675 | 895 | 2368 | 823 | 948 | 2498 | 972 | 1002 |
| 0.2 | 984 | 95 | 534 | 1234 | 166 | 607 | 1483 | 237 | 680 | 1681 | 335 | 743 | 1878 | 432 | 807 | 2046 | 562 | 863 | 2214 | 691 | 920 | 2347 | 842 | 971 | 2479 | 993 | 1023 |
| 0.3 | 917 | 103 | 606 | 1178 | 179 | 665 | 1438 | 255 | 724 | 1645 | 351 | 780 | 1852 | 447 | 836 | 2018 | 580 | 894 | 2183 | 712 | 952 | 2321 | 862 | 997 | 2459 | 1012 | 1043 |
| 0.4 | 862 | 112 | 681 | 1128 | 192 | 725 | 1393 | 272 | 768 | 1604 | 370 | 823 | 1814 | 468 | 878 | 1987 | 598 | 927 | 2160 | 728 | 975 | 2298 | 881 | 1021 | 2435 | 1034 | 1067 |
| 0.5 | 818 | 124 | 760 | 1091 | 204 | 779 | 1364 | 283 | 798 | 1576 | 383 | 851 | 1788 | 482 | 905 | 1963 | 612 | 951 | 2137 | 742 | 997 | 2274 | 898 | 1044 | 2410 | 1055 | 1090 |
| 0.6 | --- | --- | --- | --- | --- | --- | 1319 | 300 | 842 | 1541 | 398 | 886 | 1762 | 495 | 931 | 1934 | 628 | 979 | 2106 | 761 | 1026 | 2244 | 919 | 1071 | 2381 | 1076 | 1115 |
| 0.7 | --- | --- | --- | --- | --- | --- | 1274 | 317 | 885 | 1499 | 415 | 926 | 1724 | 513 | 967 | 1900 | 646 | 1010 | 2075 | 779 | 1054 | 2219 | 934 | 1093 | 2362 | 1089 | 1131 |
| 0.8 | --- | --- | --- | --- | --- | --- | 1245 | 328 | 914 | 1466 | 429 | 957 | 1686 | 531 | 1001 | 1865 | 663 | 1040 | 2044 | 796 | 1080 | 2188 | 951 | 1117 | 2332 | 1106 | 1154 |
| 0.9 | --- | --- | --- | --- | --- | --- | 1200 | 344 | 957 | 1424 | 446 | 995 | 1647 | 547 | 1032 | 1830 | 679 | 1069 | 2013 | 812 | 1105 | 2154 | 968 | 1143 | 2294 | 1124 | 1181 |
| 1.0 | --- | --- | --- | --- | --- | --- | 1155 | 360 | 1000 | 1382 | 461 | 1030 | 1609 | 563 | 1061 | 1796 | 695 | 1095 | 1983 | 826 | 1129 | 2124 | 980 | 1164 | 2264 | 1134 | 1200 |
| 1.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1570 | 577 | 1087 | 1753 | 712 | 1124 | 1936 | 847 | 1162 | 2086 | 994 | 1189 | 2235 | 1141 | 1216 |
| 1.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1905 | 859 | 1182 | 2041 | 1003 | 1213 | 2176 | 1146 | 1244 | 1146 | 1244 | 1244 |

BLOWER DATA - BELT DRIVE - LCH 3 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

DOWNFLOW

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 700 | 447 | 0.09 | 517 | 0.12 | 589 | 0.15 | 663 | 0.17 | 739 | 0.19 | 815 | 0.2 | 883 | 0.23 | 938 | 0.25 | 988 | 0.27 | 1039 | 0.29 |
| 800 | 465 | 0.1 | 534 | 0.14 | 605 | 0.17 | 678 | 0.19 | 753 | 0.21 | 825 | 0.23 | 890 | 0.25 | 946 | 0.27 | 996 | 0.3 | 1047 | 0.32 |
| 900 | 486 | 0.12 | 554 | 0.16 | 623 | 0.2 | 695 | 0.22 | 767 | 0.23 | 836 | 0.25 | 897 | 0.28 | 953 | 0.3 | 1004 | 0.33 | 1055 | 0.35 |
| 1000 | 508 | 0.15 | 576 | 0.19 | 643 | 0.22 | 713 | 0.24 | 783 | 0.26 | 848 | 0.28 | 907 | 0.3 | 961 | 0.33 | 1011 | 0.36 | 1062 | 0.38 |
| 1100 | 533 | 0.18 | 599 | 0.22 | 665 | 0.25 | 733 | 0.27 | 800 | 0.28 | 863 | 0.31 | 919 | 0.34 | 971 | 0.36 | 1020 | 0.39 | 1070 | 0.41 |
| 1200 | 560 | 0.21 | 625 | 0.25 | 689 | 0.28 | 755 | 0.3 | 820 | 0.32 | 879 | 0.34 | 932 | 0.37 | 983 | 0.4 | 1031 | 0.43 | 1079 | 0.45 |
| 1300 | 591 | 0.24 | 654 | 0.28 | 716 | 0.31 | 779 | 0.33 | 841 | 0.35 | 897 | 0.38 | 948 | 0.41 | 996 | 0.44 | 1044 | 0.47 | 1091 | 0.49 |
| 1400 | 631 | 0.26 | 690 | 0.3 | 748 | 0.34 | 807 | 0.36 | 864 | 0.39 | 916 | 0.42 | 964 | 0.46 | 1011 | 0.49 | 1058 | 0.51 | 1105 | 0.54 |

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 700 | 1088 | 0.31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 800 | 1098 | 0.34 | 1144 | 0.36 | 1185 | 0.39 | 1224 | 0.42 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 900 | 1106 | 0.37 | 1152 | 0.4 | 1193 | 0.43 | 1232 | 0.46 | 1269 | 0.49 | 1305 | 0.52 | 1340 | 0.55 | 1376 | 0.59 | --- | --- | --- | --- |
| 1000 | 1111 | 0.41 | 1157 | 0.43 | 1199 | 0.47 | 1238 | 0.5 | 1276 | 0.53 | 1311 | 0.56 | 1347 | 0.6 | 1382 | 0.63 | 1417 | 0.67 | 1452 | 0.7 |
| 1100 | 1118 | 0.44 | 1163 | 0.47 | 1206 | 0.51 | 1245 | 0.54 | 1282 | 0.58 | 1318 | 0.61 | 1353 | 0.65 | 1388 | 0.68 | 1423 | 0.72 | 1458 | 0.75 |
| 1200 | 1127 | 0.48 | 1171 | 0.52 | 1213 | 0.55 | 1252 | 0.59 | 1289 | 0.62 | 1324 | 0.66 | 1358 | 0.7 | 1393 | 0.73 | 1428 | 0.77 | 1463 | 0.81 |
| 1300 | 1137 | 0.53 | 1181 | 0.56 | 1221 | 0.6 | 1259 | 0.64 | 1296 | 0.68 | 1330 | 0.71 | 1364 | 0.75 | 1398 | 0.78 | 1432 | 0.82 | 1467 | 0.86 |
| 1400 | 1150 | 0.57 | 1191 | 0.61 | 1231 | 0.65 | 1268 | 0.69 | 1303 | 0.73 | 1337 | 0.77 | 1371 | 0.8 | 1404 | 0.84 | 1437 | 0.88 | 1473 | 0.91 |

BLOWER DATA - BELT DRIVE - LCH 3 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

HORIZONTAL

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 700 | 445 | 0.08 | 516 | 0.11 | 591 | 0.13 | 670 | 0.15 | 753 | 0.16 | 820 | 0.19 | 870 | 0.22 | 918 | 0.24 | 969 | 0.27 | 1021 | 0.29 |
| 800 | 463 | 0.09 | 534 | 0.12 | 608 | 0.14 | 685 | 0.16 | 766 | 0.18 | 830 | 0.21 | 878 | 0.24 | 926 | 0.27 | 977 | 0.29 | 1030 | 0.32 |
| 900 | 485 | 0.11 | 554 | 0.14 | 627 | 0.16 | 703 | 0.18 | 780 | 0.21 | 841 | 0.23 | 888 | 0.27 | 935 | 0.3 | 986 | 0.32 | 1039 | 0.35 |
| 1000 | 509 | 0.13 | 578 | 0.16 | 649 | 0.19 | 722 | 0.21 | 796 | 0.23 | 854 | 0.26 | 900 | 0.29 | 947 | 0.33 | 997 | 0.35 | 1048 | 0.38 |
| 1100 | 537 | 0.16 | 605 | 0.19 | 674 | 0.21 | 744 | 0.24 | 813 | 0.26 | 868 | 0.29 | 913 | 0.33 | 959 | 0.36 | 1008 | 0.39 | 1059 | 0.41 |
| 1200 | 567 | 0.19 | 633 | 0.22 | 700 | 0.24 | 768 | 0.27 | 833 | 0.3 | 884 | 0.33 | 928 | 0.37 | 974 | 0.4 | 1022 | 0.43 | 1071 | 0.45 |
| 1300 | 599 | 0.22 | 664 | 0.25 | 729 | 0.28 | 793 | 0.3 | 853 | 0.33 | 902 | 0.37 | 945 | 0.41 | 990 | 0.44 | 1037 | 0.47 | 1085 | 0.5 |
| 1400 | 634 | 0.26 | 697 | 0.29 | 758 | 0.31 | 819 | 0.34 | 875 | 0.38 | 921 | 0.42 | 964 | 0.46 | 1008 | 0.49 | 1054 | 0.52 | 1100 | 0.54 |

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 700 | 1071 | 0.32 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 800 | 1082 | 0.34 | 1128 | 0.37 | 1169 | 0.4 | 1205 | 0.42 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 900 | 1090 | 0.37 | 1137 | 0.4 | 1177 | 0.43 | 1214 | 0.46 | 1248 | 0.49 | 1280 | 0.51 | 1310 | 0.54 | 1340 | 0.57 | --- | --- | --- | --- |
| 1000 | 1098 | 0.41 | 1143 | 0.44 | 1184 | 0.47 | 1221 | 0.5 | 1255 | 0.53 | 1287 | 0.56 | 1318 | 0.59 | 1347 | 0.61 | 1377 | 0.64 | 1406 | 0.67 |
| 1100 | 1107 | 0.44 | 1150 | 0.47 | 1191 | 0.51 | 1228 | 0.54 | 1263 | 0.57 | 1295 | 0.6 | 1325 | 0.63 | 1355 | 0.66 | 1384 | 0.69 | 1413 | 0.72 |
| 1200 | 1117 | 0.48 | 1160 | 0.52 | 1200 | 0.55 | 1237 | 0.59 | 1271 | 0.62 | 1303 | 0.66 | 1334 | 0.69 | 1363 | 0.72 | 1392 | 0.75 | 1420 | 0.78 |
| 1300 | 1130 | 0.53 | 1171 | 0.57 | 1210 | 0.6 | 1246 | 0.64 | 1280 | 0.68 | 1312 | 0.71 | 1342 | 0.74 | 1372 | 0.78 | 1400 | 0.81 | 1429 | 0.84 |
| 1400 | 1144 | 0.58 | 1183 | 0.62 | 1221 | 0.66 | 1256 | 0.7 | 1290 | 0.73 | 1321 | 0.77 | 1352 | 0.8 | 1381 | 0.84 | 1410 | 0.87 | 1439 | 0.9 |

BLOWER DATA - BELT DRIVE - LCH 4 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

DOWNFLOW

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 900 | 496 | 0.13 | 568 | 0.16 | 640 | 0.18 | 711 | 0.2 | 779 | 0.22 | 844 | 0.25 | 905 | 0.28 | 960 | 0.3 | 1010 | 0.33 | 1061 | 0.35 |
| 1000 | 521 | 0.15 | 592 | 0.18 | 662 | 0.2 | 731 | 0.23 | 796 | 0.25 | 858 | 0.28 | 916 | 0.31 | 969 | 0.34 | 1019 | 0.36 | 1069 | 0.38 |
| 1100 | 548 | 0.18 | 618 | 0.21 | 686 | 0.23 | 752 | 0.25 | 814 | 0.28 | 873 | 0.31 | 929 | 0.34 | 980 | 0.37 | 1029 | 0.39 | 1078 | 0.42 |
| 1200 | 577 | 0.21 | 646 | 0.24 | 712 | 0.26 | 775 | 0.29 | 834 | 0.31 | 890 | 0.35 | 943 | 0.38 | 993 | 0.41 | 1041 | 0.43 | 1089 | 0.46 |
| 1300 | 611 | 0.24 | 677 | 0.27 | 740 | 0.3 | 800 | 0.32 | 856 | 0.35 | 909 | 0.39 | 959 | 0.42 | 1007 | 0.45 | 1055 | 0.47 | 1102 | 0.5 |
| 1400 | 654 | 0.26 | 713 | 0.29 | 771 | 0.33 | 826 | 0.36 | 878 | 0.39 | 928 | 0.43 | 976 | 0.47 | 1023 | 0.49 | 1070 | 0.52 | 1117 | 0.55 |
| 1500 | 698 | 0.28 | 751 | 0.32 | 802 | 0.36 | 852 | 0.4 | 901 | 0.44 | 948 | 0.48 | 995 | 0.51 | 1041 | 0.54 | 1088 | 0.57 | 1133 | 0.6 |
| 1600 | 738 | 0.32 | 785 | 0.36 | 831 | 0.41 | 878 | 0.45 | 923 | 0.49 | 969 | 0.53 | 1014 | 0.57 | 1061 | 0.59 | 1107 | 0.62 | 1151 | 0.66 |
| 1700 | 773 | 0.36 | 816 | 0.41 | 859 | 0.46 | 903 | 0.51 | 947 | 0.55 | 991 | 0.58 | 1036 | 0.62 | 1082 | 0.65 | 1128 | 0.68 | 1169 | 0.72 |
| 1800 | 803 | 0.42 | 844 | 0.47 | 886 | 0.52 | 929 | 0.57 | 972 | 0.61 | 1016 | 0.64 | 1060 | 0.68 | 1106 | 0.71 | 1150 | 0.74 | 1189 | 0.79 |
| 1900 | 831 | 0.48 | 872 | 0.54 | 915 | 0.59 | 957 | 0.63 | 1000 | 0.67 | 1043 | 0.71 | 1087 | 0.74 | 1131 | 0.78 | 1173 | 0.81 | 1208 | 0.86 |

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 900 | 1112 | 0.38 | 1157 | 0.4 | 1198 | 0.43 | 1236 | 0.46 | 1273 | 0.49 | 1309 | 0.52 | 1344 | 0.56 | 1380 | 0.59 | --- | --- | --- | --- |
| 1000 | 1119 | 0.41 | 1164 | 0.44 | 1206 | 0.47 | 1244 | 0.5 | 1281 | 0.54 | 1317 | 0.57 | 1352 | 0.6 | 1387 | 0.64 | 1422 | 0.67 | 1458 | 0.71 |
| 1100 | 1126 | 0.45 | 1171 | 0.48 | 1213 | 0.51 | 1252 | 0.55 | 1288 | 0.58 | 1324 | 0.62 | 1359 | 0.65 | 1394 | 0.69 | 1429 | 0.72 | 1464 | 0.76 |
| 1200 | 1136 | 0.49 | 1180 | 0.52 | 1221 | 0.56 | 1259 | 0.6 | 1296 | 0.63 | 1331 | 0.67 | 1365 | 0.7 | 1400 | 0.74 | 1435 | 0.78 | 1471 | 0.81 |
| 1300 | 1148 | 0.53 | 1190 | 0.57 | 1230 | 0.61 | 1268 | 0.65 | 1304 | 0.68 | 1338 | 0.72 | 1372 | 0.76 | 1406 | 0.79 | 1440 | 0.83 | 1476 | 0.87 |
| 1400 | 1161 | 0.58 | 1202 | 0.62 | 1240 | 0.66 | 1277 | 0.7 | 1312 | 0.74 | 1346 | 0.78 | 1379 | 0.81 | 1412 | 0.85 | 1446 | 0.89 | 1482 | 0.92 |
| 1500 | 1175 | 0.64 | 1214 | 0.68 | 1252 | 0.72 | 1287 | 0.76 | 1321 | 0.8 | 1355 | 0.83 | 1387 | 0.87 | 1420 | 0.91 | 1454 | 0.95 | 1490 | 0.99 |
| 1600 | 1190 | 0.7 | 1228 | 0.74 | 1264 | 0.78 | 1298 | 0.82 | 1332 | 0.86 | 1364 | 0.9 | 1397 | 0.93 | 1430 | 0.97 | 1464 | 1.01 | 1499 | 1.06 |
| 1700 | 1206 | 0.76 | 1242 | 0.8 | 1277 | 0.84 | 1310 | 0.88 | 1343 | 0.92 | 1375 | 0.96 | 1407 | 1 | 1440 | 1.04 | 1475 | 1.09 | 1510 | 1.13 |
| 1800 | 1223 | 0.83 | 1257 | 0.87 | 1291 | 0.91 | 1324 | 0.95 | 1356 | 0.99 | 1388 | 1.03 | 1420 | 1.08 | 1453 | 1.12 | 1487 | 1.16 | 1523 | 1.21 |
| 1900 | 1240 | 0.91 | 1273 | 0.95 | 1306 | 0.99 | 1338 | 1.03 | 1369 | 1.07 | 1401 | 1.12 | 1433 | 1.16 | 1467 | 1.2 | 1501 | 1.25 | 1537 | 1.29 |

BLOWER DATA - BELT DRIVE - LCH 4 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

HORIZONTAL

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 900 | 493 | 0.12 | 564 | 0.14 | 637 | 0.17 | 712 | 0.19 | 788 | 0.21 | 847 | 0.24 | 894 | 0.27 | 942 | 0.3 | 993 | 0.33 | 1046 | 0.35 |
| 1000 | 520 | 0.14 | 589 | 0.17 | 660 | 0.19 | 733 | 0.21 | 805 | 0.24 | 861 | 0.27 | 907 | 0.3 | 954 | 0.33 | 1004 | 0.36 | 1056 | 0.38 |
| 1100 | 549 | 0.16 | 617 | 0.19 | 686 | 0.22 | 756 | 0.24 | 823 | 0.27 | 876 | 0.3 | 921 | 0.33 | 968 | 0.37 | 1017 | 0.39 | 1067 | 0.42 |
| 1200 | 582 | 0.19 | 648 | 0.22 | 714 | 0.25 | 781 | 0.27 | 843 | 0.3 | 893 | 0.34 | 938 | 0.37 | 984 | 0.41 | 1032 | 0.43 | 1081 | 0.46 |
| 1300 | 624 | 0.22 | 686 | 0.25 | 747 | 0.28 | 808 | 0.31 | 865 | 0.34 | 912 | 0.38 | 956 | 0.42 | 1001 | 0.45 | 1048 | 0.48 | 1096 | 0.5 |
| 1400 | 670 | 0.24 | 726 | 0.27 | 782 | 0.31 | 837 | 0.35 | 887 | 0.39 | 932 | 0.43 | 975 | 0.47 | 1020 | 0.5 | 1066 | 0.52 | 1112 | 0.55 |
| 1500 | 714 | 0.26 | 765 | 0.31 | 814 | 0.35 | 863 | 0.39 | 910 | 0.44 | 953 | 0.48 | 996 | 0.52 | 1041 | 0.55 | 1086 | 0.58 | 1130 | 0.61 |
| 1600 | 752 | 0.3 | 798 | 0.35 | 844 | 0.4 | 889 | 0.45 | 933 | 0.49 | 975 | 0.53 | 1018 | 0.57 | 1062 | 0.6 | 1107 | 0.63 | 1149 | 0.67 |
| 1700 | 785 | 0.35 | 827 | 0.4 | 871 | 0.46 | 914 | 0.51 | 957 | 0.55 | 999 | 0.59 | 1042 | 0.63 | 1085 | 0.66 | 1129 | 0.69 | 1169 | 0.73 |
| 1800 | 813 | 0.42 | 855 | 0.47 | 898 | 0.52 | 940 | 0.57 | 983 | 0.62 | 1025 | 0.66 | 1067 | 0.69 | 1110 | 0.72 | 1152 | 0.76 | 1190 | 0.8 |
| 1900 | 841 | 0.49 | 883 | 0.54 | 926 | 0.6 | 969 | 0.65 | 1011 | 0.69 | 1052 | 0.72 | 1094 | 0.76 | 1136 | 0.79 | 1176 | 0.83 | 1212 | 0.89 |

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 900 | 1097 | 0.38 | 1142 | 0.41 | 1182 | 0.43 | 1218 | 0.46 | 1252 | 0.49 | 1284 | 0.52 | 1314 | 0.55 | 1344 | 0.57 | --- | --- | --- | --- |
| 1000 | 1105 | 0.41 | 1149 | 0.44 | 1190 | 0.47 | 1226 | 0.5 | 1260 | 0.53 | 1292 | 0.56 | 1322 | 0.59 | 1352 | 0.62 | 1381 | 0.65 | 1410 | 0.68 |
| 1100 | 1115 | 0.45 | 1158 | 0.48 | 1198 | 0.51 | 1235 | 0.55 | 1269 | 0.58 | 1301 | 0.61 | 1331 | 0.64 | 1360 | 0.67 | 1389 | 0.7 | 1418 | 0.73 |
| 1200 | 1126 | 0.49 | 1168 | 0.53 | 1208 | 0.56 | 1244 | 0.6 | 1278 | 0.63 | 1309 | 0.66 | 1340 | 0.69 | 1369 | 0.72 | 1398 | 0.75 | 1426 | 0.78 |
| 1300 | 1140 | 0.54 | 1180 | 0.57 | 1218 | 0.61 | 1254 | 0.65 | 1287 | 0.68 | 1319 | 0.72 | 1349 | 0.75 | 1378 | 0.78 | 1407 | 0.81 | 1436 | 0.84 |
| 1400 | 1154 | 0.59 | 1193 | 0.63 | 1230 | 0.67 | 1265 | 0.7 | 1298 | 0.74 | 1330 | 0.78 | 1360 | 0.81 | 1389 | 0.85 | 1418 | 0.88 | 1447 | 0.91 |
| 1500 | 1170 | 0.65 | 1208 | 0.69 | 1244 | 0.73 | 1278 | 0.77 | 1310 | 0.8 | 1341 | 0.84 | 1371 | 0.88 | 1401 | 0.91 | 1430 | 0.95 | 1459 | 0.98 |
| 1600 | 1187 | 0.71 | 1223 | 0.75 | 1258 | 0.79 | 1291 | 0.83 | 1323 | 0.87 | 1354 | 0.91 | 1384 | 0.95 | 1414 | 0.99 | 1443 | 1.02 | 1474 | 1.06 |
| 1700 | 1204 | 0.78 | 1240 | 0.82 | 1274 | 0.86 | 1306 | 0.9 | 1338 | 0.95 | 1369 | 0.99 | 1399 | 1.03 | 1429 | 1.06 | 1459 | 1.1 | 1490 | 1.14 |
| 1800 | 1223 | 0.85 | 1258 | 0.9 | 1291 | 0.94 | 1323 | 0.99 | 1354 | 1.03 | 1385 | 1.07 | 1415 | 1.11 | 1445 | 1.15 | 1476 | 1.19 | 1507 | 1.23 |
| 1900 | 1243 | 0.94 | 1277 | 0.99 | 1309 | 1.03 | 1341 | 1.08 | 1372 | 1.12 | 1402 | 1.16 | 1433 | 1.2 | 1464 | 1.24 | 1495 | 1.28 | 1527 | 1.32 |

BLOWER DATA - BELT DRIVE - LCH 5 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

DOWNFLOW

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 1100 | 512 | 0.15 | 571 | 0.19 | 630 | 0.23 | 690 | 0.26 | 770 | 0.26 | 854 | 0.26 | 922 | 0.27 | 970 | 0.30 | 1006 | 0.35 | 1045 | 0.39 |
| 1200 | 535 | 0.18 | 593 | 0.22 | 651 | 0.26 | 710 | 0.29 | 788 | 0.30 | 868 | 0.30 | 933 | 0.31 | 978 | 0.34 | 1013 | 0.38 | 1053 | 0.42 |
| 1300 | 559 | 0.22 | 616 | 0.26 | 674 | 0.29 | 732 | 0.32 | 807 | 0.34 | 883 | 0.34 | 944 | 0.35 | 987 | 0.38 | 1022 | 0.42 | 1062 | 0.46 |
| 1400 | 584 | 0.26 | 641 | 0.29 | 698 | 0.33 | 755 | 0.36 | 827 | 0.37 | 899 | 0.38 | 956 | 0.40 | 997 | 0.43 | 1033 | 0.47 | 1072 | 0.51 |
| 1500 | 615 | 0.29 | 671 | 0.33 | 726 | 0.36 | 782 | 0.39 | 850 | 0.41 | 917 | 0.42 | 970 | 0.44 | 1009 | 0.47 | 1045 | 0.52 | 1085 | 0.56 |
| 1600 | 665 | 0.30 | 716 | 0.34 | 768 | 0.38 | 819 | 0.41 | 879 | 0.44 | 937 | 0.46 | 985 | 0.49 | 1022 | 0.52 | 1059 | 0.57 | 1098 | 0.61 |
| 1700 | 723 | 0.31 | 768 | 0.35 | 814 | 0.39 | 860 | 0.43 | 910 | 0.47 | 959 | 0.50 | 1001 | 0.54 | 1037 | 0.58 | 1074 | 0.62 | 1113 | 0.66 |
| 1800 | 779 | 0.32 | 818 | 0.37 | 857 | 0.41 | 897 | 0.46 | 939 | 0.50 | 980 | 0.55 | 1018 | 0.59 | 1054 | 0.64 | 1091 | 0.68 | 1129 | 0.72 |
| 1900 | 826 | 0.36 | 859 | 0.41 | 894 | 0.45 | 928 | 0.50 | 964 | 0.56 | 1000 | 0.61 | 1036 | 0.66 | 1072 | 0.70 | 1109 | 0.75 | 1146 | 0.79 |
| 2000 | 857 | 0.42 | 889 | 0.47 | 920 | 0.52 | 952 | 0.57 | 986 | 0.62 | 1020 | 0.68 | 1055 | 0.73 | 1091 | 0.77 | 1128 | 0.82 | 1164 | 0.86 |
| 2100 | 878 | 0.49 | 909 | 0.54 | 940 | 0.59 | 973 | 0.64 | 1006 | 0.70 | 1041 | 0.75 | 1076 | 0.80 | 1112 | 0.85 | 1148 | 0.89 | 1185 | 0.93 |
| 2200 | 897 | 0.55 | 929 | 0.61 | 961 | 0.66 | 994 | 0.72 | 1028 | 0.78 | 1063 | 0.83 | 1099 | 0.89 | 1134 | 0.93 | 1170 | 0.97 | 1206 | 1.01 |
| 2300 | 918 | 0.62 | 950 | 0.68 | 983 | 0.74 | 1017 | 0.80 | 1052 | 0.86 | 1087 | 0.92 | 1122 | 0.97 | 1157 | 1.02 | 1193 | 1.06 | 1228 | 1.09 |
| 2400 | 941 | 0.70 | 974 | 0.77 | 1008 | 0.83 | 1042 | 0.90 | 1077 | 0.96 | 1111 | 1.01 | 1146 | 1.06 | 1181 | 1.11 | 1216 | 1.15 | 1250 | 1.19 |

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 1100 | 1089 | 0.43 | 1134 | 0.46 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1200 | 1095 | 0.46 | 1139 | 0.50 | 1186 | 0.53 | 1230 | 0.57 | 1266 | 0.60 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1300 | 1104 | 0.50 | 1146 | 0.54 | 1192 | 0.57 | 1234 | 0.60 | 1269 | 0.64 | 1301 | 0.68 | 1334 | 0.71 | 1367 | 0.75 | --- | --- | --- | --- |
| 1400 | 1114 | 0.55 | 1155 | 0.58 | 1199 | 0.61 | 1240 | 0.65 | 1275 | 0.68 | 1305 | 0.72 | 1338 | 0.76 | 1372 | 0.80 | 1406 | 0.83 | 1440 | 0.87 |
| 1500 | 1125 | 0.60 | 1165 | 0.63 | 1208 | 0.66 | 1248 | 0.69 | 1281 | 0.73 | 1311 | 0.77 | 1344 | 0.81 | 1378 | 0.85 | 1412 | 0.89 | 1446 | 0.92 |
| 1600 | 1138 | 0.65 | 1177 | 0.68 | 1218 | 0.71 | 1257 | 0.75 | 1290 | 0.79 | 1319 | 0.83 | 1352 | 0.87 | 1385 | 0.91 | 1418 | 0.95 | 1452 | 0.98 |
| 1700 | 1152 | 0.70 | 1190 | 0.74 | 1231 | 0.77 | 1268 | 0.80 | 1299 | 0.84 | 1328 | 0.89 | 1360 | 0.93 | 1393 | 0.97 | 1426 | 1.01 | 1459 | 1.05 |
| 1800 | 1167 | 0.76 | 1205 | 0.80 | 1244 | 0.83 | 1280 | 0.87 | 1310 | 0.91 | 1338 | 0.95 | 1370 | 0.99 | 1402 | 1.04 | 1434 | 1.08 | 1466 | 1.11 |
| 1900 | 1183 | 0.82 | 1221 | 0.86 | 1260 | 0.90 | 1294 | 0.94 | 1323 | 0.98 | 1349 | 1.02 | 1380 | 1.07 | 1412 | 1.11 | 1443 | 1.15 | 1475 | 1.19 |
| 2000 | 1201 | 0.89 | 1239 | 0.93 | 1276 | 0.97 | 1310 | 1.01 | 1336 | 1.06 | 1362 | 1.10 | 1392 | 1.15 | 1423 | 1.19 | 1454 | 1.23 | 1485 | 1.27 |
| 2100 | 1221 | 0.97 | 1258 | 1.01 | 1294 | 1.05 | 1325 | 1.09 | 1351 | 1.14 | 1376 | 1.19 | 1406 | 1.23 | 1436 | 1.27 | 1466 | 1.31 | 1497 | 1.35 |
| 2200 | 1242 | 1.05 | 1277 | 1.09 | 1311 | 1.14 | 1341 | 1.18 | 1365 | 1.23 | 1390 | 1.28 | 1420 | 1.32 | 1450 | 1.36 | 1480 | 1.41 | 1510 | 1.45 |
| 2300 | 1262 | 1.14 | 1295 | 1.19 | 1327 | 1.24 | 1355 | 1.29 | 1380 | 1.33 | 1406 | 1.37 | 1435 | 1.42 | 1465 | 1.46 | 1494 | 1.50 | 1524 | 1.54 |
| 2400 | 1282 | 1.24 | 1313 | 1.30 | 1343 | 1.36 | 1371 | 1.40 | 1396 | 1.44 | 1423 | 1.48 | 1452 | 1.52 | 1481 | 1.56 | 1510 | 1.60 | 1540 | 1.64 |

BLOWER DATA - BELT DRIVE - LCH 5 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

HORIZONTAL

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 1100 | 509 | 0.15 | 562 | 0.18 | 624 | 0.20 | 691 | 0.22 | 771 | 0.24 | 852 | 0.25 | 919 | 0.28 | 970 | 0.31 | 1010 | 0.35 | 1049 | 0.38 |
| 1200 | 535 | 0.18 | 589 | 0.21 | 650 | 0.23 | 715 | 0.25 | 792 | 0.27 | 869 | 0.29 | 932 | 0.32 | 980 | 0.35 | 1019 | 0.38 | 1058 | 0.42 |
| 1300 | 564 | 0.21 | 618 | 0.24 | 678 | 0.27 | 741 | 0.29 | 815 | 0.31 | 887 | 0.33 | 946 | 0.36 | 991 | 0.39 | 1030 | 0.43 | 1068 | 0.47 |
| 1400 | 604 | 0.24 | 657 | 0.27 | 715 | 0.30 | 775 | 0.33 | 842 | 0.35 | 908 | 0.37 | 962 | 0.40 | 1004 | 0.43 | 1042 | 0.47 | 1080 | 0.51 |
| 1500 | 656 | 0.26 | 706 | 0.30 | 760 | 0.33 | 814 | 0.36 | 874 | 0.39 | 931 | 0.41 | 979 | 0.45 | 1019 | 0.48 | 1056 | 0.53 | 1094 | 0.57 |
| 1600 | 712 | 0.29 | 758 | 0.32 | 807 | 0.36 | 855 | 0.39 | 906 | 0.43 | 955 | 0.46 | 997 | 0.50 | 1035 | 0.54 | 1071 | 0.58 | 1109 | 0.62 |
| 1700 | 766 | 0.32 | 808 | 0.36 | 850 | 0.40 | 892 | 0.44 | 936 | 0.47 | 978 | 0.51 | 1016 | 0.56 | 1052 | 0.60 | 1088 | 0.64 | 1126 | 0.68 |
| 1800 | 814 | 0.36 | 851 | 0.40 | 888 | 0.44 | 925 | 0.49 | 963 | 0.53 | 1000 | 0.57 | 1035 | 0.62 | 1071 | 0.66 | 1107 | 0.70 | 1143 | 0.74 |
| 1900 | 853 | 0.41 | 886 | 0.46 | 919 | 0.50 | 952 | 0.55 | 986 | 0.60 | 1021 | 0.64 | 1056 | 0.69 | 1091 | 0.73 | 1126 | 0.77 | 1163 | 0.81 |
| 2000 | 883 | 0.48 | 913 | 0.53 | 944 | 0.57 | 976 | 0.62 | 1009 | 0.67 | 1043 | 0.71 | 1078 | 0.76 | 1112 | 0.80 | 1148 | 0.84 | 1183 | 0.88 |
| 2100 | 906 | 0.56 | 936 | 0.60 | 967 | 0.65 | 999 | 0.70 | 1033 | 0.75 | 1067 | 0.79 | 1101 | 0.84 | 1135 | 0.88 | 1170 | 0.92 | 1206 | 0.96 |
| 2200 | 930 | 0.64 | 960 | 0.68 | 991 | 0.73 | 1024 | 0.78 | 1058 | 0.83 | 1092 | 0.88 | 1126 | 0.92 | 1160 | 0.96 | 1195 | 1.00 | 1230 | 1.04 |
| 2300 | 954 | 0.72 | 985 | 0.77 | 1017 | 0.82 | 1051 | 0.87 | 1085 | 0.92 | 1119 | 0.96 | 1152 | 1.00 | 1186 | 1.04 | 1220 | 1.08 | 1254 | 1.13 |
| 2400 | 981 | 0.81 | 1013 | 0.86 | 1046 | 0.91 | 1079 | 0.96 | 1113 | 1.00 | 1146 | 1.05 | 1180 | 1.09 | 1213 | 1.13 | 1245 | 1.18 | 1278 | 1.22 |

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 1100 | 1091 | 0.42 | 1134 | 0.45 | 1176 | 0.48 | 1218 | 0.51 | 1258 | 0.54 | 1297 | 0.57 | 1335 | 0.59 | --- | --- | --- | --- | --- | --- |
| 1200 | 1099 | 0.46 | 1141 | 0.49 | 1182 | 0.52 | 1223 | 0.55 | 1263 | 0.58 | 1302 | 0.61 | 1339 | 0.64 | 1376 | 0.67 | 1410 | 0.70 | 1444 | 0.72 |
| 1300 | 1108 | 0.50 | 1149 | 0.53 | 1190 | 0.56 | 1230 | 0.59 | 1270 | 0.63 | 1308 | 0.66 | 1345 | 0.70 | 1381 | 0.73 | 1415 | 0.75 | 1449 | 0.78 |
| 1400 | 1120 | 0.55 | 1160 | 0.58 | 1200 | 0.61 | 1240 | 0.65 | 1278 | 0.68 | 1315 | 0.72 | 1352 | 0.75 | 1387 | 0.78 | 1421 | 0.81 | 1454 | 0.84 |
| 1500 | 1133 | 0.60 | 1172 | 0.63 | 1212 | 0.67 | 1250 | 0.70 | 1288 | 0.74 | 1324 | 0.77 | 1360 | 0.81 | 1394 | 0.84 | 1428 | 0.87 | 1460 | 0.90 |
| 1600 | 1147 | 0.66 | 1186 | 0.69 | 1225 | 0.72 | 1263 | 0.76 | 1299 | 0.80 | 1334 | 0.83 | 1369 | 0.87 | 1402 | 0.90 | 1435 | 0.94 | 1467 | 0.96 |
| 1700 | 1164 | 0.72 | 1202 | 0.75 | 1240 | 0.78 | 1276 | 0.82 | 1311 | 0.86 | 1345 | 0.90 | 1379 | 0.93 | 1411 | 0.97 | 1443 | 1.00 | 1475 | 1.03 |
| 1800 | 1181 | 0.78 | 1219 | 0.81 | 1256 | 0.85 | 1291 | 0.89 | 1324 | 0.93 | 1357 | 0.97 | 1390 | 1.00 | 1421 | 1.04 | 1453 | 1.07 | 1483 | 1.10 |
| 1900 | 1200 | 0.85 | 1237 | 0.88 | 1273 | 0.92 | 1306 | 0.96 | 1339 | 1.00 | 1371 | 1.04 | 1402 | 1.08 | 1433 | 1.11 | 1463 | 1.15 | 1493 | 1.18 |
| 2000 | 1220 | 0.92 | 1257 | 0.96 | 1291 | 1.00 | 1323 | 1.04 | 1354 | 1.08 | 1385 | 1.12 | 1416 | 1.16 | 1446 | 1.20 | 1476 | 1.23 | 1505 | 1.26 |
| 2100 | 1242 | 1.00 | 1277 | 1.04 | 1310 | 1.08 | 1340 | 1.13 | 1371 | 1.17 | 1401 | 1.21 | 1431 | 1.25 | 1460 | 1.29 | 1489 | 1.32 | 1519 | 1.36 |
| 2200 | 1265 | 1.08 | 1299 | 1.13 | 1330 | 1.18 | 1359 | 1.23 | 1388 | 1.27 | 1418 | 1.31 | 1447 | 1.35 | 1476 | 1.39 | 1504 | 1.42 | 1533 | 1.45 |
| 2300 | 1288 | 1.17 | 1320 | 1.23 | 1350 | 1.28 | 1378 | 1.34 | 1406 | 1.38 | 1435 | 1.42 | 1464 | 1.46 | 1492 | 1.50 | 1521 | 1.53 | 1549 | 1.56 |
| 2400 | 1311 | 1.28 | 1341 | 1.33 | 1370 | 1.40 | 1397 | 1.45 | 1425 | 1.50 | 1454 | 1.54 | 1482 | 1.57 | 1510 | 1.61 | 1538 | 1.64 | 1567 | 1.67 |

BLOWER DATA - BELT DRIVE - LCH 6 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

DOWNFLOW

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 1900 | 480 | 0.38 | 512 | 0.44 | 545 | 0.51 | 579 | 0.57 | 614 | 0.63 | 648 | 0.7 | 683 | 0.76 | 719 | 0.83 | 752 | 0.89 | 781 | 0.95 |
| 2000 | 493 | 0.43 | 525 | 0.49 | 558 | 0.56 | 592 | 0.62 | 626 | 0.68 | 659 | 0.75 | 693 | 0.81 | 728 | 0.88 | 759 | 0.94 | 788 | 1 |
| 2100 | 507 | 0.48 | 539 | 0.54 | 572 | 0.61 | 605 | 0.67 | 639 | 0.74 | 671 | 0.8 | 704 | 0.86 | 737 | 0.93 | 768 | 0.99 | 795 | 1.04 |
| 2200 | 522 | 0.53 | 554 | 0.6 | 587 | 0.66 | 619 | 0.73 | 652 | 0.79 | 684 | 0.86 | 716 | 0.92 | 747 | 0.98 | 777 | 1.04 | 803 | 1.1 |
| 2300 | 537 | 0.59 | 569 | 0.65 | 602 | 0.72 | 634 | 0.79 | 666 | 0.85 | 697 | 0.91 | 728 | 0.98 | 758 | 1.04 | 786 | 1.1 | 812 | 1.15 |
| 2400 | 553 | 0.65 | 585 | 0.71 | 617 | 0.78 | 649 | 0.85 | 680 | 0.91 | 711 | 0.98 | 740 | 1.04 | 769 | 1.1 | 796 | 1.15 | 821 | 1.21 |
| 2500 | 570 | 0.71 | 602 | 0.78 | 633 | 0.84 | 665 | 0.91 | 695 | 0.97 | 725 | 1.04 | 753 | 1.1 | 781 | 1.16 | 807 | 1.22 | 832 | 1.27 |
| 2600 | 588 | 0.77 | 619 | 0.84 | 650 | 0.91 | 680 | 0.97 | 710 | 1.04 | 739 | 1.1 | 767 | 1.16 | 793 | 1.22 | 818 | 1.28 | 842 | 1.33 |
| 2700 | 607 | 0.84 | 637 | 0.91 | 667 | 0.97 | 697 | 1.04 | 726 | 1.11 | 753 | 1.17 | 780 | 1.23 | 806 | 1.29 | 830 | 1.35 | 854 | 1.4 |
| 2800 | 626 | 0.91 | 655 | 0.97 | 684 | 1.04 | 713 | 1.11 | 741 | 1.18 | 768 | 1.24 | 794 | 1.3 | 819 | 1.36 | 842 | 1.42 | 866 | 1.47 |
| 2900 | 646 | 0.98 | 674 | 1.05 | 702 | 1.11 | 730 | 1.18 | 757 | 1.25 | 783 | 1.32 | 808 | 1.38 | 832 | 1.44 | 855 | 1.49 | 878 | 1.54 |

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|-----|------|-----|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|
| | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 1900 | 807 | 1 | 832 | 1.04 | 857 | 1.07 | 883 | 1.11 | 912 | 1.14 | 941 | 1.17 | 968 | 1.21 | 993 | 1.25 | 1017 | 1.29 | 1039 | 1.34 |
| 2000 | 813 | 1.04 | 838 | 1.08 | 862 | 1.12 | 889 | 1.15 | 917 | 1.19 | 945 | 1.22 | 972 | 1.26 | 997 | 1.3 | 1020 | 1.35 | 1042 | 1.4 |
| 2100 | 820 | 1.09 | 844 | 1.13 | 869 | 1.17 | 895 | 1.21 | 923 | 1.24 | 951 | 1.28 | 977 | 1.32 | 1001 | 1.36 | 1024 | 1.41 | 1046 | 1.46 |
| 2200 | 828 | 1.14 | 852 | 1.18 | 877 | 1.22 | 903 | 1.26 | 930 | 1.3 | 957 | 1.33 | 983 | 1.37 | 1006 | 1.42 | 1028 | 1.47 | 1050 | 1.53 |
| 2300 | 836 | 1.2 | 861 | 1.24 | 885 | 1.28 | 911 | 1.31 | 938 | 1.35 | 964 | 1.39 | 989 | 1.43 | 1012 | 1.48 | 1033 | 1.54 | 1054 | 1.6 |
| 2400 | 846 | 1.25 | 870 | 1.29 | 895 | 1.33 | 920 | 1.37 | 947 | 1.41 | 972 | 1.45 | 996 | 1.5 | 1018 | 1.55 | 1039 | 1.61 | 1059 | 1.67 |
| 2500 | 856 | 1.31 | 880 | 1.35 | 905 | 1.39 | 930 | 1.43 | 956 | 1.47 | 980 | 1.52 | 1003 | 1.57 | 1024 | 1.63 | 1044 | 1.69 | 1064 | 1.76 |
| 2600 | 866 | 1.38 | 891 | 1.42 | 915 | 1.46 | 940 | 1.5 | 965 | 1.54 | 988 | 1.59 | 1010 | 1.65 | 1031 | 1.71 | 1050 | 1.78 | 1069 | 1.84 |
| 2700 | 878 | 1.44 | 902 | 1.48 | 926 | 1.52 | 950 | 1.57 | 974 | 1.61 | 997 | 1.67 | 1018 | 1.73 | 1037 | 1.8 | 1056 | 1.87 | 1075 | 1.93 |
| 2800 | 889 | 1.51 | 913 | 1.55 | 937 | 1.59 | 961 | 1.64 | 984 | 1.69 | 1006 | 1.75 | 1026 | 1.82 | 1044 | 1.89 | 1063 | 1.96 | 1081 | 2.03 |
| 2900 | 902 | 1.58 | 925 | 1.63 | 949 | 1.67 | 972 | 1.72 | 994 | 1.78 | 1015 | 1.84 | 1034 | 1.91 | 1052 | 1.99 | 1069 | 2.06 | 1087 | 2.13 |

BLOWER DATA - BELT DRIVE - LCH 6 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 37 and 38 for blower motors and drives and wet coil and options/accessory air resistance data.

HORIZONTAL

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|------|
| | 0.10 | | 0.20 | | 0.30 | | 0.40 | | 0.50 | | 0.60 | | 0.70 | | 0.80 | | 0.9 | | 1.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 1900 | 507 | 0.55 | 538 | 0.58 | 571 | 0.6 | 604 | 0.63 | 639 | 0.66 | 673 | 0.7 | 707 | 0.74 | 740 | 0.78 | 772 | 0.82 | 802 | 0.86 |
| 2000 | 522 | 0.59 | 554 | 0.62 | 586 | 0.64 | 620 | 0.67 | 653 | 0.71 | 687 | 0.74 | 720 | 0.78 | 752 | 0.82 | 783 | 0.87 | 812 | 0.91 |
| 2100 | 539 | 0.63 | 571 | 0.66 | 603 | 0.69 | 636 | 0.72 | 669 | 0.75 | 702 | 0.79 | 734 | 0.83 | 765 | 0.88 | 795 | 0.92 | 823 | 0.97 |
| 2200 | 557 | 0.68 | 588 | 0.71 | 620 | 0.74 | 652 | 0.77 | 685 | 0.81 | 717 | 0.84 | 748 | 0.89 | 778 | 0.93 | 807 | 0.98 | 834 | 1.03 |
| 2300 | 576 | 0.73 | 607 | 0.76 | 638 | 0.79 | 670 | 0.83 | 701 | 0.86 | 733 | 0.9 | 763 | 0.95 | 792 | 0.99 | 820 | 1.04 | 846 | 1.09 |
| 2400 | 596 | 0.79 | 626 | 0.82 | 657 | 0.85 | 688 | 0.89 | 718 | 0.92 | 749 | 0.96 | 778 | 1.01 | 806 | 1.06 | 833 | 1.11 | 858 | 1.16 |
| 2500 | 616 | 0.85 | 645 | 0.88 | 676 | 0.91 | 706 | 0.95 | 736 | 0.99 | 765 | 1.03 | 794 | 1.08 | 821 | 1.13 | 847 | 1.18 | 871 | 1.23 |
| 2600 | 636 | 0.91 | 665 | 0.94 | 695 | 0.98 | 724 | 1.02 | 754 | 1.06 | 782 | 1.1 | 809 | 1.15 | 836 | 1.2 | 861 | 1.25 | 885 | 1.3 |
| 2700 | 657 | 0.97 | 685 | 1.01 | 714 | 1.04 | 743 | 1.08 | 771 | 1.13 | 799 | 1.17 | 826 | 1.22 | 851 | 1.27 | 875 | 1.32 | 899 | 1.37 |
| 2800 | 677 | 1.03 | 706 | 1.07 | 734 | 1.11 | 762 | 1.16 | 790 | 1.2 | 816 | 1.25 | 842 | 1.3 | 867 | 1.35 | 890 | 1.4 | 913 | 1.45 |
| 2900 | 698 | 1.1 | 726 | 1.14 | 754 | 1.19 | 781 | 1.23 | 808 | 1.28 | 834 | 1.33 | 859 | 1.38 | 883 | 1.43 | 906 | 1.48 | 928 | 1.54 |

| Air Volume (cfm) | External Static (in.w.g.) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 1900 | 830 | 0.91 | 857 | 0.95 | 883 | 0.99 | 910 | 1.04 | 937 | 1.09 | 964 | 1.13 | 991 | 1.18 | 1017 | 1.23 | 1042 | 1.28 | 1067 | 1.34 |
| 2000 | 839 | 0.96 | 865 | 1 | 891 | 1.05 | 917 | 1.09 | 944 | 1.14 | 970 | 1.19 | 996 | 1.24 | 1022 | 1.29 | 1047 | 1.34 | 1071 | 1.4 |
| 2100 | 849 | 1.02 | 874 | 1.06 | 900 | 1.11 | 926 | 1.15 | 952 | 1.2 | 978 | 1.25 | 1003 | 1.3 | 1028 | 1.35 | 1052 | 1.41 | 1075 | 1.46 |
| 2200 | 860 | 1.08 | 885 | 1.12 | 910 | 1.17 | 935 | 1.21 | 960 | 1.26 | 986 | 1.31 | 1010 | 1.36 | 1034 | 1.42 | 1058 | 1.48 | 1081 | 1.53 |
| 2300 | 871 | 1.14 | 895 | 1.19 | 920 | 1.23 | 945 | 1.28 | 969 | 1.33 | 994 | 1.38 | 1018 | 1.43 | 1042 | 1.49 | 1065 | 1.55 | 1087 | 1.61 |
| 2400 | 883 | 1.21 | 907 | 1.25 | 931 | 1.3 | 955 | 1.35 | 979 | 1.4 | 1003 | 1.45 | 1027 | 1.51 | 1050 | 1.57 | 1072 | 1.63 | 1094 | 1.69 |
| 2500 | 895 | 1.28 | 919 | 1.32 | 942 | 1.37 | 966 | 1.42 | 990 | 1.48 | 1013 | 1.53 | 1036 | 1.59 | 1059 | 1.65 | 1081 | 1.71 | 1102 | 1.78 |
| 2600 | 908 | 1.35 | 931 | 1.4 | 955 | 1.45 | 978 | 1.5 | 1001 | 1.56 | 1024 | 1.62 | 1046 | 1.68 | 1068 | 1.74 | 1089 | 1.8 | 1110 | 1.87 |
| 2700 | 922 | 1.43 | 945 | 1.48 | 967 | 1.53 | 990 | 1.59 | 1013 | 1.65 | 1035 | 1.71 | 1056 | 1.77 | 1078 | 1.84 | 1099 | 1.9 | 1119 | 1.96 |
| 2800 | 936 | 1.51 | 958 | 1.56 | 980 | 1.62 | 1003 | 1.68 | 1025 | 1.74 | 1046 | 1.8 | 1067 | 1.87 | 1088 | 1.93 | 1109 | 2 | 1129 | 2.06 |
| 2900 | 950 | 1.6 | 972 | 1.66 | 994 | 1.72 | 1016 | 1.78 | 1037 | 1.84 | 1058 | 1.91 | 1079 | 1.97 | 1099 | 2.04 | 1119 | 2.11 | 1139 | 2.17 |

BLOWER DATA -- LCM

3 & 4 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

- 1 - Any factory installed options air resistance (heat section, economizer, etc.).
- 2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 40 for blower motors and drives and wet coil and options/accessory air resistance data.

DOWNFLOW

| Total Air Volume cfm | Total Static Pressure - in. w.g. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|
| | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | 1.1 | | 1.2 | | 1.3 | | | | | |
| | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | | | | |
| 400 | 686 | 18 | 789 | 39 | 886 | 68 | 957 | 80 | 1031 | 92 | 1110 | 105 | 1258 | 117 | 1319 | 131 | 1460 | 166 | 1888 | 227 | 2277 | 1719 | 250 | 227 | 1719 | 250 | | | | |
| 500 | 761 | 33 | 860 | 52 | 937 | 64 | 1031 | 80 | 1112 | 91 | 1190 | 105 | 1258 | 117 | 1319 | 131 | 1460 | 166 | 1888 | 227 | 2277 | 1719 | 250 | 227 | 1719 | 250 | | | | |
| 600 | 840 | 46 | 937 | 64 | 1031 | 80 | 1112 | 91 | 1190 | 105 | 1258 | 117 | 1319 | 131 | 1460 | 166 | 1888 | 227 | 2277 | 1719 | 250 | 227 | 1719 | 250 | 227 | 1719 | 250 | | | |
| 700 | 926 | 60 | 1020 | 77 | 1110 | 92 | 1190 | 105 | 1258 | 117 | 1319 | 131 | 1460 | 166 | 1888 | 227 | 2277 | 1719 | 250 | 227 | 1719 | 250 | 227 | 1719 | 250 | 227 | 1719 | 250 | | |
| 800 | 1022 | 73 | 1110 | 90 | 1195 | 105 | 1272 | 119 | 1358 | 135 | 1447 | 153 | 1507 | 171 | 1564 | 190 | 1619 | 211 | 1676 | 232 | 1733 | 255 | 1788 | 280 | 1836 | 306 | 1879 | 332 | | |
| 900 | 1126 | 88 | 1207 | 104 | 1286 | 119 | 1358 | 135 | 1421 | 150 | 1480 | 168 | 1539 | 187 | 1599 | 207 | 1660 | 227 | 1719 | 250 | 227 | 1719 | 250 | 227 | 1719 | 250 | 227 | 1719 | 250 | |
| 1000 | 1237 | 103 | 1310 | 120 | 1381 | 136 | 1447 | 153 | 1507 | 171 | 1564 | 190 | 1619 | 211 | 1676 | 232 | 1733 | 255 | 1788 | 280 | 1836 | 306 | 1879 | 332 | 1905 | 339 | 1946 | 365 | 1986 | 391 |
| 1100 | 1352 | 120 | 1417 | 138 | 1481 | 156 | 1541 | 174 | 1597 | 194 | 1650 | 216 | 1703 | 238 | 1757 | 262 | 1810 | 287 | 1860 | 312 | 1905 | 339 | 1946 | 365 | 1986 | 391 | 2016 | 401 | 2055 | 426 |
| 1200 | 1468 | 141 | 1527 | 159 | 1583 | 179 | 1637 | 200 | 1688 | 222 | 1739 | 246 | 1789 | 271 | 1839 | 296 | 1888 | 321 | 1935 | 348 | 1977 | 375 | 2016 | 401 | 2055 | 426 | 2088 | 424 | 2126 | 449 |
| 1300 | 1584 | 164 | 1636 | 185 | 1687 | 206 | 1736 | 230 | 1783 | 255 | 1829 | 281 | 1877 | 306 | 1924 | 332 | 1969 | 359 | 2011 | 386 | 2051 | 412 | 2088 | 438 | 2126 | 462 | 2163 | 474 | 2201 | 498 |
| 1400 | 1697 | 191 | 1744 | 215 | 1790 | 240 | 1834 | 266 | 1877 | 293 | 1920 | 320 | 1964 | 346 | 2007 | 371 | 2048 | 398 | 2088 | 424 | 2126 | 449 | 2163 | 474 | 2201 | 498 | 2241 | 511 | 2279 | 536 |
| 1500 | 1802 | 227 | 1846 | 253 | 1888 | 280 | 1930 | 308 | 1970 | 336 | 2010 | 361 | 2049 | 386 | 2089 | 410 | 2128 | 436 | 2166 | 461 | 2204 | 486 | 2241 | 511 | 2279 | 536 | 2322 | 553 | 2359 | 582 |
| 1600 | 1903 | 271 | 1944 | 298 | 1984 | 326 | 2024 | 354 | 2062 | 380 | 2100 | 403 | 2137 | 426 | 2174 | 448 | 2211 | 474 | 2248 | 499 | 2285 | 525 | 2322 | 553 | 2359 | 582 | 2407 | 604 | 2442 | 637 |
| 1700 | 2007 | 319 | 2045 | 346 | 2083 | 373 | 2120 | 399 | 2157 | 423 | 2193 | 445 | 2229 | 466 | 2264 | 489 | 2300 | 516 | 2336 | 544 | 2372 | 573 | 2407 | 604 | 2442 | 637 | 2496 | 666 | 2530 | 701 |
| 1800 | 2115 | 363 | 2151 | 390 | 2186 | 416 | 2221 | 442 | 2256 | 466 | 2291 | 488 | 2325 | 512 | 2359 | 538 | 2393 | 567 | 2428 | 599 | 2462 | 631 | 2496 | 666 | 2530 | 701 | 2587 | 735 | 2621 | 771 |
| 1900 | 2234 | 394 | 2265 | 422 | 2296 | 450 | 2328 | 478 | 2359 | 505 | 2391 | 533 | 2423 | 563 | 2455 | 595 | 2487 | 629 | 2520 | 664 | 2553 | 699 | 2587 | 735 | 2621 | 771 | 2678 | 810 | 2713 | 845 |
| 2000 | 2345 | 434 | 2371 | 466 | 2399 | 498 | 2426 | 530 | 2455 | 562 | 2484 | 595 | 2515 | 630 | 2545 | 667 | 2577 | 703 | 2609 | 739 | 2643 | 775 | 2678 | 810 | 2713 | 845 | 2768 | 887 | 2804 | 920 |
| 2100 | 2435 | 502 | 2459 | 537 | 2484 | 572 | 2511 | 606 | 2539 | 641 | 2569 | 676 | 2599 | 712 | 2631 | 748 | 2664 | 783 | 2697 | 818 | 2732 | 853 | 2768 | 887 | 2804 | 920 | 2857 | 963 | 2894 | 995 |
| 2200 | 2511 | 587 | 2535 | 623 | 2561 | 658 | 2588 | 694 | 2618 | 728 | 2650 | 762 | 2683 | 796 | 2716 | 830 | 2750 | 863 | 2785 | 897 | 2821 | 930 | 2857 | 963 | 2894 | 995 | 2945 | 1039 | 2981 | 1071 |
| 2300 | 2586 | 672 | 2612 | 707 | 2640 | 741 | 2669 | 776 | 2700 | 809 | 2734 | 842 | 2768 | 875 | 2802 | 908 | 2837 | 941 | 2873 | 974 | 2909 | 1007 | 2945 | 1039 | 2981 | 1071 | 3037 | 1104 | 3052 | 1137 |

| Total Air Volume cfm | Total Static Pressure - in. w.g. | | | | | | | | | | | | | |
|----------------------|----------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | |
| | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts |
| 1100 | 2028 | 415 | 2072 | 438 | 2183 | 497 | 2229 | 522 | 2274 | 550 | 2381 | 620 | 2425 | 651 |
| 1200 | 2095 | 449 | 2138 | 473 | 2249 | 535 | 2293 | 562 | 2337 | 591 | 2381 | 620 | 2425 | 651 |
| 1300 | 2165 | 486 | 2206 | 510 | 2320 | 576 | 2361 | 605 | 2402 | 636 | 2443 | 668 | 2485 | 701 |
| 1400 | 2239 | 523 | 2279 | 549 | 2393 | 623 | 2432 | 656 | 2471 | 689 | 2509 | 723 | 2548 | 758 |
| 1500 | 2317 | 563 | 2355 | 592 | 2468 | 679 | 2505 | 714 | 2542 | 748 | 2579 | 783 | 2615 | 818 |
| 1600 | 2396 | 612 | 2432 | 645 | 2547 | 742 | 2583 | 777 | 2619 | 812 | 2655 | 846 | 2691 | 881 |
| 1700 | 2477 | 672 | 2512 | 707 | 2634 | 808 | 2670 | 842 | 2705 | 877 | 2741 | 911 | 2777 | 946 |
| 1800 | 2565 | 737 | 2599 | 772 | 2727 | 876 | 2762 | 911 | 2798 | 945 | 2833 | 979 | 2868 | 1013 |
| 1900 | 2656 | 806 | 2691 | 841 | 2820 | 947 | 2855 | 981 | 2890 | 1015 | 2925 | 1049 | 2959 | 1082 |
| 2000 | 2749 | 879 | 2785 | 913 | 2911 | 1020 | 2946 | 1053 | 2981 | 1087 | 1121 | 1154 | 1188 | 1221 |
| 2100 | 2840 | 953 | 2876 | 987 | 3000 | 1094 | 3035 | 1128 | 3069 | 1161 | 1195 | 1229 | 1262 | 1295 |
| 2200 | 2930 | 1028 | 2965 | 1061 | 3087 | 1170 | 3117 | 1201 | 3147 | 1239 | 1271 | 1303 | 1335 | 1367 |
| 2300 | 3017 | 1104 | 3052 | 1137 | 3170 | 1250 | 3201 | 1281 | 3231 | 1311 | 1341 | 1371 | 1401 | 1431 |

BLOWER DATA -- LCM

3 & 4 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

- 1 - Any factory installed options air resistance (heat section, economizer, etc.).
- 2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 40 for blower motors and drives and wet coil and options/accessory air resistance data.

HORIZONTAL

| Total Air Volume cfm | Total Static Pressure - in. w.g. | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | 1.1 | | 1.2 | | 1.3 | |
| | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts |
| 400 | 673 | 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 500 | 754 | 33 | 861 | 53 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 600 | 838 | 48 | 942 | 66 | 1037 | 80 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 700 | 928 | 61 | 1027 | 78 | 1118 | 92 | 1192 | 104 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 800 | 1023 | 75 | 1117 | 91 | 1204 | 106 | 1276 | 119 | 1339 | 134 | 1401 | 150 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 900 | 1125 | 89 | 1212 | 105 | 1293 | 121 | 1362 | 136 | 1424 | 152 | 1485 | 171 | 1547 | 190 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1000 | 1232 | 104 | 1311 | 121 | 1386 | 138 | 1452 | 155 | 1512 | 174 | 1571 | 195 | 1631 | 216 | 1689 | 239 | 1744 | 264 | --- | --- | --- | --- | --- | --- | --- | --- |
| 1100 | 1341 | 121 | 1413 | 139 | 1481 | 158 | 1544 | 178 | 1602 | 200 | 1660 | 223 | 1717 | 246 | 1772 | 271 | 1823 | 298 | 1868 | 326 | 1910 | 352 | --- | --- | --- | --- |
| 1200 | 1452 | 141 | 1518 | 161 | 1580 | 182 | 1638 | 205 | 1694 | 230 | 1750 | 255 | 1804 | 281 | 1856 | 308 | 1903 | 335 | 1946 | 363 | 1988 | 389 | 2029 | 412 | 2072 | 434 |
| 1300 | 1564 | 164 | 1623 | 187 | 1680 | 211 | 1735 | 237 | 1788 | 265 | 1841 | 292 | 1893 | 319 | 1941 | 347 | 1985 | 375 | 2026 | 403 | 2067 | 428 | 2108 | 451 | 2150 | 474 |
| 1400 | 1673 | 192 | 1728 | 219 | 1781 | 247 | 1832 | 276 | 1882 | 305 | 1931 | 334 | 1979 | 362 | 2024 | 391 | 2066 | 418 | 2107 | 445 | 2147 | 469 | 2188 | 493 | 2230 | 516 |
| 1500 | 1778 | 229 | 1829 | 259 | 1879 | 289 | 1928 | 320 | 1974 | 350 | 2020 | 379 | 2064 | 408 | 2107 | 436 | 2149 | 463 | 2190 | 488 | 2231 | 512 | 2272 | 537 | 2312 | 563 |
| 1600 | 1881 | 274 | 1930 | 304 | 1978 | 336 | 2024 | 367 | 2067 | 396 | 2109 | 425 | 2151 | 453 | 2193 | 481 | 2235 | 507 | 2277 | 532 | 2318 | 558 | 2358 | 585 | 2397 | 614 |
| 1700 | 1987 | 321 | 2033 | 352 | 2078 | 382 | 2122 | 412 | 2163 | 441 | 2204 | 469 | 2244 | 498 | 2286 | 525 | 2327 | 551 | 2368 | 578 | 2408 | 606 | 2446 | 638 | 2484 | 673 |
| 1800 | 2096 | 367 | 2139 | 397 | 2182 | 426 | 2224 | 456 | 2264 | 484 | 2303 | 512 | 2344 | 540 | 2384 | 568 | 2424 | 596 | 2463 | 626 | 2501 | 660 | 2537 | 698 | 2571 | 738 |
| 1900 | 2208 | 396 | 2248 | 429 | 2288 | 461 | 2328 | 493 | 2367 | 524 | 2406 | 556 | 2445 | 587 | 2484 | 618 | 2522 | 650 | 2558 | 686 | 2593 | 726 | 2626 | 770 | 2657 | 814 |
| 2000 | 2318 | 437 | 2356 | 474 | 2394 | 511 | 2431 | 549 | 2469 | 585 | 2505 | 622 | 2542 | 659 | 2579 | 695 | 2614 | 733 | 2648 | 773 | 2681 | 814 | 2712 | 857 | 2743 | 900 |
| 2100 | 2424 | 505 | 2461 | 546 | 2497 | 587 | 2533 | 628 | 2568 | 668 | 2603 | 708 | 2637 | 748 | 2672 | 788 | 2706 | 828 | 2738 | 867 | 2770 | 906 | 2802 | 945 | 2833 | 983 |
| 2200 | 2530 | 582 | 2566 | 623 | 2602 | 664 | 2636 | 705 | 2670 | 745 | 2703 | 786 | 2737 | 826 | 2770 | 866 | 2803 | 905 | 2835 | 944 | 2866 | 983 | 2897 | 1021 | 2929 | 1060 |
| 2300 | 2638 | 659 | 2672 | 700 | 2707 | 741 | 2740 | 781 | 2773 | 822 | 2805 | 862 | 2838 | 902 | 2870 | 942 | 2902 | 982 | 2934 | 1021 | 2965 | 1059 | 2996 | 1098 | 3027 | 1136 |

Total Static Pressure - in. w.g.

| Total Air Volume cfm | 1.4 | | | | | | 1.5 | | | | | | 1.6 | | | | | | 1.7 | | | | | | 1.8 | | | | | | 1.9 | | | | | | 2.0 | | | | | |
|-------------------------------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|--|
| | RPM | | Watts | | RPM | | Watts | | RPM | | Watts | | RPM | | Watts | | RPM | | Watts | | RPM | | Watts | | RPM | | Watts | | RPM | | Watts | | RPM | | Watts | | RPM | | Watts | | | |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1200 | 2192 | 497 | 2234 | 522 | 2275 | 549 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1300 | 2271 | 542 | 2312 | 569 | 2353 | 597 | 2393 | 626 | 2431 | 658 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1400 | 2353 | 591 | 2392 | 621 | 2431 | 652 | 2470 | 683 | 2507 | 717 | 2543 | 752 | 2577 | 788 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1500 | 2436 | 646 | 2474 | 679 | 2512 | 712 | 2549 | 746 | 2585 | 781 | 2620 | 816 | 2653 | 852 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1600 | 2520 | 709 | 2557 | 744 | 2593 | 779 | 2628 | 815 | 2663 | 851 | 2696 | 887 | 2730 | 923 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1700 | 2605 | 778 | 2640 | 815 | 2675 | 852 | 2709 | 889 | 2742 | 926 | 2775 | 963 | 2807 | 999 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1800 | 2690 | 857 | 2723 | 895 | 2757 | 933 | 2790 | 970 | 2822 | 1008 | 2854 | 1044 | 2886 | 1081 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| 1900 | 2775 | 941 | 2808 | 979 | 2841 | 1016 | 2873 | 1053 | 2905 | 1090 | 2937 | 1126 | 2969 | 1162 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 2000 | 2865 | 1021 | 2898 | 1058 | 2930 | 1096 | 2963 | 1132 | 2995 | 1168 | 3027 | 1204 | 3059 | 1240 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 2100 | 2961 | 1097 | 2993 | 1135 | 3025 | 1172 | 3057 | 1208 | 3089 | 1245 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 2200 | 3059 | 1173 | 3091 | 1211 | 3122 | 1248 | 3154 | 1284 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 2300 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |

BLOWER DATA -- LCM

5 & 6 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 40 for blower motors and drives and wet coil and options/accessory air resistance data.

DOWNFLOW

| Total Air Volume cfm | Total Static Pressure - in. w.g. | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | 1.1 | | 1.2 | | 1.3 | |
| | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts |
| 400 | 655 | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 500 | 727 | 26 | 822 | 46 | 918 | 63 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 600 | 802 | 40 | 896 | 58 | 990 | 74 | 1072 | 86 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 700 | 883 | 53 | 975 | 70 | 1065 | 85 | 1148 | 99 | 1218 | 111 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 800 | 970 | 66 | 1059 | 82 | 1146 | 97 | 1226 | 111 | 1296 | 125 | 1359 | 139 | 1420 | 156 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 900 | 1065 | 79 | 1150 | 95 | 1233 | 110 | 1309 | 125 | 1377 | 140 | 1438 | 156 | 1499 | 174 | 1560 | 193 | 1621 | 213 | --- | --- | --- | --- | --- | --- | --- | --- |
| 1000 | 1167 | 93 | 1246 | 109 | 1323 | 125 | 1395 | 141 | 1460 | 157 | 1521 | 175 | 1579 | 195 | 1638 | 215 | 1696 | 237 | 1752 | 260 | 1801 | 285 | 1844 | 311 | --- | --- |
| 1100 | 1274 | 108 | 1347 | 125 | 1418 | 142 | 1485 | 159 | 1547 | 177 | 1605 | 197 | 1662 | 219 | 1718 | 242 | 1773 | 265 | 1825 | 290 | 1872 | 316 | 1914 | 343 | 1953 | 368 |
| 1200 | 1383 | 126 | 1450 | 144 | 1516 | 162 | 1577 | 181 | 1635 | 201 | 1691 | 223 | 1746 | 247 | 1800 | 272 | 1852 | 297 | 1900 | 323 | 1944 | 350 | 1985 | 377 | 2022 | 402 |
| 1300 | 1493 | 146 | 1555 | 164 | 1615 | 184 | 1672 | 205 | 1726 | 229 | 1779 | 254 | 1831 | 280 | 1882 | 306 | 1931 | 332 | 1977 | 359 | 2019 | 386 | 2057 | 413 | 2094 | 438 |
| 1400 | 1602 | 167 | 1659 | 188 | 1714 | 211 | 1766 | 235 | 1816 | 261 | 1866 | 289 | 1915 | 316 | 1964 | 343 | 2010 | 370 | 2053 | 397 | 2093 | 424 | 2132 | 449 | 2169 | 474 |
| 1500 | 1707 | 194 | 1758 | 219 | 1808 | 244 | 1857 | 271 | 1904 | 300 | 1950 | 328 | 1996 | 355 | 2041 | 381 | 2085 | 408 | 2127 | 434 | 2168 | 459 | 2207 | 484 | 2245 | 509 |
| 1600 | 1803 | 231 | 1851 | 258 | 1898 | 286 | 1945 | 314 | 1990 | 342 | 2034 | 369 | 2077 | 395 | 2120 | 419 | 2162 | 445 | 2204 | 471 | 2245 | 496 | 2285 | 522 | 2324 | 549 |
| 1700 | 1898 | 275 | 1944 | 303 | 1989 | 331 | 2034 | 359 | 2078 | 386 | 2120 | 410 | 2162 | 434 | 2204 | 458 | 2245 | 484 | 2286 | 511 | 2327 | 538 | 2366 | 567 | 2403 | 598 |
| 1800 | 1998 | 318 | 2041 | 347 | 2085 | 375 | 2128 | 402 | 2171 | 427 | 2213 | 451 | 2254 | 475 | 2294 | 500 | 2334 | 528 | 2374 | 557 | 2412 | 588 | 2449 | 621 | 2484 | 655 |
| 1900 | 2102 | 341 | 2143 | 371 | 2185 | 401 | 2226 | 431 | 2267 | 459 | 2308 | 487 | 2348 | 515 | 2387 | 546 | 2425 | 578 | 2463 | 611 | 2499 | 646 | 2534 | 682 | 2567 | 719 |
| 2000 | 2206 | 361 | 2245 | 396 | 2285 | 431 | 2325 | 465 | 2365 | 499 | 2404 | 534 | 2442 | 568 | 2479 | 604 | 2515 | 641 | 2551 | 677 | 2586 | 715 | 2619 | 752 | 2652 | 790 |
| 2100 | 2308 | 407 | 2347 | 446 | 2386 | 485 | 2424 | 524 | 2462 | 562 | 2499 | 600 | 2535 | 638 | 2570 | 676 | 2605 | 714 | 2640 | 752 | 2674 | 789 | 2707 | 826 | 2738 | 863 |
| 2200 | 2410 | 477 | 2449 | 517 | 2487 | 557 | 2524 | 597 | 2561 | 636 | 2596 | 674 | 2630 | 712 | 2664 | 750 | 2698 | 787 | 2732 | 825 | 2765 | 862 | 2797 | 898 | 2828 | 934 |
| 2300 | 2514 | 552 | 2552 | 591 | 2589 | 631 | 2625 | 670 | 2660 | 709 | 2694 | 747 | 2727 | 784 | 2760 | 822 | 2793 | 859 | 2826 | 896 | 2858 | 933 | 2889 | 969 | 2920 | 1004 |
| 2400 | 2621 | 627 | 2657 | 666 | 2693 | 706 | 2728 | 744 | 2762 | 782 | 2794 | 820 | 2826 | 857 | 2858 | 894 | 2890 | 931 | 2922 | 968 | 2953 | 1004 | 2984 | 1040 | 3014 | 1076 |
| 2500 | 2729 | 703 | 2764 | 742 | 2798 | 781 | 2831 | 819 | 2864 | 856 | 2895 | 893 | 2927 | 930 | 2958 | 967 | 2989 | 1004 | 3020 | 1040 | 3050 | 1076 | 3080 | 1112 | 3111 | 1147 |

Total Static Pressure - in. w.g.

| Total Air Volume cfm | 1.4 | | | | | | 1.5 | | | | | | 1.6 | | | | | | 1.7 | | | | | | 1.8 | | | | | | 1.9 | | | | | | 2.0 | | | | | |
|-------------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-----|-----|--|--|--|
| | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | 1.1 | | 1.2 | | 1.3 | | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | | |
| | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | | | | | | |
| 1100 | 1990 | 392 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 1200 | 2060 | 426 | 2098 | 449 | 2136 | 470 | 2176 | 493 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | | |
| 1300 | 2131 | 462 | 2169 | 485 | 2208 | 507 | 2247 | 531 | 2286 | 555 | 2325 | 582 | 2363 | 609 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | | |
| 1400 | 2206 | 498 | 2244 | 522 | 2282 | 546 | 2320 | 572 | 2358 | 599 | 2396 | 627 | 2433 | 657 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 1500 | 2283 | 534 | 2321 | 560 | 2359 | 588 | 2395 | 617 | 2432 | 648 | 2467 | 680 | 2503 | 713 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 1600 | 2362 | 577 | 2398 | 608 | 2434 | 640 | 2469 | 673 | 2503 | 707 | 2537 | 741 | 2571 | 775 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 1700 | 2439 | 631 | 2474 | 665 | 2507 | 700 | 2540 | 736 | 2573 | 772 | 2606 | 807 | 2639 | 842 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 1800 | 2518 | 691 | 2551 | 728 | 2583 | 765 | 2615 | 802 | 2647 | 838 | 2680 | 873 | 2713 | 908 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 1900 | 2600 | 757 | 2631 | 794 | 2663 | 832 | 2694 | 868 | 2726 | 904 | 2759 | 940 | 2791 | 975 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 2000 | 2683 | 827 | 2715 | 864 | 2746 | 901 | 2777 | 937 | 2809 | 972 | 2841 | 1008 | 2873 | 1043 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 2100 | 2770 | 899 | 2800 | 935 | 2831 | 971 | 2863 | 1006 | 2894 | 1041 | 2926 | 1077 | 2958 | 1112 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 2200 | 2859 | 970 | 2889 | 1005 | 2920 | 1040 | 2951 | 1076 | 2983 | 1111 | 3014 | 1146 | 3046 | 1181 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 2300 | 2950 | 1040 | 2981 | 1076 | 3012 | 1111 | 3043 | 1146 | 3074 | 1182 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 2400 | 3045 | 1111 | 3075 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| 2500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |

BLOWER DATA -- LCM

5 & 6 TON

BLOWER TABLE INCLUDES RESISTANCE FOR BASE UNIT ONLY WITH DRY INDOOR COIL AND AIR FILTERS IN PLACE.

FOR ALL UNITS ADD:

1 - Any factory installed options air resistance (heat section, economizer, etc.).

2 - Any field installed accessories air resistance (duct resistance, diffuser, etc.).

See Page 40 for blower motors and drives and wet coil and options/accessory air resistance data.

| Total Air Volume cfm | Total Static Pressure - in. w.g. | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | | 0.9 | | 1.0 | | 1.1 | | 1.2 | | 1.3 | |
| | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts |
| 400 | 685 | 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 500 | 776 | 37 | 880 | 57 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 600 | 867 | 53 | 968 | 71 | 1054 | 83 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 700 | 959 | 67 | 1058 | 85 | 1143 | 97 | 1209 | 107 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 800 | 1056 | 81 | 1151 | 98 | 1233 | 112 | 1299 | 123 | 1358 | 137 | 1416 | 153 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 900 | 1159 | 95 | 1248 | 113 | 1326 | 128 | 1390 | 142 | 1448 | 158 | 1506 | 176 | 1564 | 194 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1000 | 1266 | 111 | 1348 | 129 | 1421 | 146 | 1483 | 163 | 1541 | 182 | 1598 | 202 | 1653 | 223 | 1706 | 244 | 1756 | 268 | --- | --- | --- | --- | --- | --- | --- | --- |
| 1100 | 1377 | 129 | 1451 | 149 | 1518 | 168 | 1578 | 188 | 1635 | 210 | 1690 | 232 | 1744 | 256 | 1794 | 280 | 1840 | 306 | 1882 | 333 | 1922 | 358 | --- | --- | --- | --- |
| 1200 | 1489 | 151 | 1556 | 172 | 1618 | 194 | 1676 | 218 | 1731 | 243 | 1784 | 268 | 1835 | 293 | 1883 | 320 | 1926 | 347 | 1967 | 374 | 2006 | 398 | 2046 | 420 | 2086 | 441 |
| 1300 | 1602 | 175 | 1663 | 200 | 1720 | 226 | 1774 | 253 | 1827 | 281 | 1878 | 308 | 1927 | 335 | 1972 | 363 | 2013 | 391 | 2052 | 417 | 2091 | 441 | 2131 | 463 | 2170 | 484 |
| 1400 | 1712 | 207 | 1768 | 235 | 1822 | 265 | 1873 | 325 | 1923 | 325 | 1971 | 354 | 2017 | 382 | 2059 | 410 | 2100 | 437 | 2139 | 462 | 2177 | 485 | 2217 | 508 | 2256 | 531 |
| 1500 | 1817 | 248 | 1871 | 279 | 1922 | 311 | 1971 | 343 | 2017 | 373 | 2062 | 402 | 2106 | 431 | 2148 | 459 | 2188 | 484 | 2227 | 508 | 2267 | 532 | 2306 | 556 | 2344 | 581 |
| 1600 | 1922 | 295 | 1973 | 328 | 2023 | 360 | 2069 | 392 | 2113 | 422 | 2155 | 451 | 2198 | 479 | 2239 | 506 | 2280 | 531 | 2320 | 556 | 2359 | 581 | 2397 | 609 | 2434 | 638 |
| 1700 | 2030 | 345 | 2078 | 377 | 2126 | 409 | 2170 | 439 | 2212 | 469 | 2253 | 498 | 2294 | 526 | 2336 | 553 | 2376 | 579 | 2415 | 606 | 2453 | 635 | 2490 | 668 | 2525 | 703 |
| 1800 | 2141 | 391 | 2187 | 423 | 2231 | 454 | 2274 | 484 | 2315 | 514 | 2356 | 543 | 2396 | 571 | 2436 | 598 | 2475 | 627 | 2513 | 659 | 2549 | 695 | 2583 | 734 | 2616 | 774 |
| 1900 | 2255 | 423 | 2297 | 458 | 2339 | 492 | 2380 | 526 | 2420 | 559 | 2460 | 591 | 2499 | 623 | 2537 | 655 | 2574 | 689 | 2609 | 727 | 2642 | 769 | 2674 | 813 | 2704 | 856 |
| 2000 | 2365 | 470 | 2405 | 511 | 2445 | 550 | 2484 | 589 | 2522 | 628 | 2560 | 666 | 2597 | 703 | 2634 | 740 | 2668 | 779 | 2701 | 819 | 2732 | 861 | 2763 | 903 | 2793 | 944 |
| 2100 | 2472 | 545 | 2511 | 588 | 2550 | 631 | 2587 | 674 | 2624 | 716 | 2659 | 757 | 2695 | 798 | 2730 | 838 | 2763 | 877 | 2795 | 915 | 2826 | 953 | 2857 | 991 | 2888 | 1028 |
| 2200 | 2580 | 624 | 2618 | 668 | 2656 | 711 | 2692 | 754 | 2727 | 795 | 2762 | 837 | 2796 | 877 | 2830 | 917 | 2863 | 957 | 2894 | 995 | 2925 | 1033 | 2956 | 1071 | 2987 | 1108 |
| 2300 | 2689 | 704 | 2726 | 748 | 2762 | 791 | 2798 | 833 | 2832 | 875 | 2866 | 916 | 2899 | 957 | 2932 | 997 | 2964 | 1036 | 2996 | 1074 | 3027 | 1112 | 3057 | 1150 | 3088 | 1187 |
| 2400 | 2798 | 784 | 2834 | 827 | 2870 | 870 | 2904 | 913 | 2937 | 954 | 2970 | 995 | 3003 | 1036 | 3035 | 1076 | 3067 | 1115 | 3098 | 1153 | --- | --- | --- | --- | --- | --- |
| 2500 | 2908 | 864 | 2943 | 907 | 2977 | 950 | 3011 | 992 | 3043 | 1034 | 3076 | 1075 | 3108 | 1115 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

| Total Air Volume cfm | Total Static Pressure - in. w.g. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-----|
| | 1.4 | | 1.5 | | 1.6 | | 1.7 | | 1.8 | | 1.9 | | 2.0 | | | | | | | | | | | | | | | |
| | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | RPM | Watts | | |
| 1100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1200 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1300 | 2210 | 507 | 2248 | 531 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1400 | 2295 | 555 | 2332 | 581 | 2369 | 607 | 2405 | 634 | 2439 | 661 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1500 | 2382 | 609 | 2418 | 637 | 2454 | 666 | 2489 | 695 | 2522 | 726 | 2554 | 758 | 2585 | 792 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1600 | 2470 | 669 | 2506 | 700 | 2540 | 731 | 2573 | 763 | 2606 | 796 | 2637 | 829 | 2667 | 863 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1700 | 2559 | 737 | 2593 | 770 | 2626 | 804 | 2658 | 838 | 2689 | 872 | 2719 | 906 | 2748 | 940 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1800 | 2649 | 811 | 2681 | 847 | 2713 | 882 | 2744 | 917 | 2774 | 952 | 2803 | 987 | 2832 | 1021 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 1900 | 2736 | 895 | 2767 | 932 | 2798 | 968 | 2828 | 1003 | 2858 | 1039 | 2886 | 1073 | 2914 | 1108 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 2000 | 2825 | 982 | 2856 | 1019 | 2886 | 1054 | 2916 | 1090 | 2945 | 1125 | 2974 | 1159 | 3003 | 1193 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 2100 | 2919 | 1065 | 2950 | 1101 | 2980 | 1137 | 3010 | 1172 | 3039 | 1206 | 3069 | 1240 | 3098 | 1274 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 2200 | 3018 | 1144 | 3048 | 1180 | 3078 | 1216 | 3108 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 2300 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2400 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

BLOWER DATA - LCH 60 HZ

BELT DRIVE KIT SPECIFICATIONS - 036-060

| Model No. | Motor HP | | No. of Speeds | Drive Kits and RPM Range | | | | | |
|-----------|----------|---------|---------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|
| | Nominal | Maximum | | A01 | A02 | A03 | A05 | A06 | A07 |
| 036 | 0.75 | 0.86 | 2 | low 449-673 high 673-1010 | --- | --- | --- | --- | --- |
| | 1 | 1.15 | 2 | --- | --- | --- | low 598-897 high 897-1346 | --- | --- |
| 048 | 0.75 | 0.86 | 2 | --- | low 497-673 high 745-1117 | --- | --- | --- | --- |
| | 2 | 2.3 | 2 | --- | --- | --- | --- | low 714-953 high 1071-1429 | --- |
| 060 | 1 | 1.15 | 2 | --- | --- | low 555-833 high 833-1250 | --- | --- | --- |
| | 2 | 2.3 | 2 | --- | --- | --- | --- | --- | low 808-1032 high 1212-1548 |

BELT DRIVE KIT SPECIFICATIONS - 072

| Model No. | Motor HP | | No. of Speeds | AA01 | | | AA02 | | AA03 | |
|-----------|----------|---------|---------------|---------|---------|------|------|----------|------|--|
| | Nominal | Maximum | | AA01 | AA02 | AA03 | AA03 | AA03 | AA03 | |
| 072 | 1 | 1.15 | 1 | 522-784 | --- | --- | --- | --- | --- | |
| | 2 | 2.3 | 1 | --- | 632-875 | --- | --- | 798-1105 | --- | |

FACTORY INSTALLED OPTIONS/FIELD INSTALLED ACCESSORY AIR RESISTANCE - in. w.g.

| Air Volume cfm | Wet Indoor Coil | | | Humiditrol Dehumidification Coil | Electric Heat | Economizer | Filters | |
|----------------|-----------------|-----|----------|----------------------------------|---------------|------------|---------|---------|
| | 036 | 048 | 060, 072 | | | | MERV 8 | MERV 13 |

036-048 MODELS

| | | | | | | | | |
|------|------|------|-----|------|------|------|------|------|
| 800 | 0.01 | 0.01 | --- | 0.00 | 0.01 | 0.04 | 0.04 | 0.05 |
| 1000 | 0.02 | 0.02 | --- | 0.00 | 0.03 | 0.04 | 0.04 | 0.07 |
| 1200 | 0.03 | 0.04 | --- | 0.01 | 0.06 | 0.04 | 0.04 | 0.07 |
| 1400 | 0.04 | 0.05 | --- | 0.02 | 0.09 | 0.04 | 0.04 | 0.07 |
| 1600 | 0.05 | 0.06 | --- | 0.03 | 0.12 | 0.04 | 0.04 | 0.07 |
| 1800 | 0.06 | 0.07 | --- | 0.04 | 0.15 | 0.05 | 0.04 | 0.07 |
| 2000 | 0.08 | 0.09 | --- | 0.04 | 0.18 | 0.05 | 0.05 | 0.08 |

060-072 MODELS

| | | | | | | | | |
|------|-----|-----|------|------|------|------|------|------|
| 1000 | --- | --- | 0.02 | 0.00 | 0.01 | 0.04 | 0.03 | 0.05 |
| 1200 | --- | --- | 0.04 | 0.00 | 0.03 | 0.04 | 0.03 | 0.07 |
| 1400 | --- | --- | 0.05 | 0.01 | 0.06 | 0.04 | 0.04 | 0.07 |
| 1600 | --- | --- | 0.07 | 0.02 | 0.09 | 0.04 | 0.04 | 0.07 |
| 1800 | --- | --- | 0.08 | 0.02 | 0.12 | 0.05 | 0.05 | 0.07 |
| 2000 | --- | --- | 0.10 | 0.03 | 0.15 | 0.05 | 0.05 | 0.07 |
| 2200 | --- | --- | 0.11 | 0.04 | 0.18 | 0.05 | 0.05 | 0.08 |
| 2400 | --- | --- | 0.13 | 0.04 | 0.20 | 0.05 | 0.05 | 0.08 |
| 2600 | --- | --- | 0.15 | 0.05 | 0.22 | 0.06 | 0.05 | 0.08 |
| 2800 | --- | --- | 0.16 | 0.05 | 0.24 | 0.06 | 0.05 | 0.08 |
| 3000 | --- | --- | 0.18 | 0.06 | 0.28 | 0.06 | 0.05 | 0.08 |

POWER EXHAUST FAN PERFORMANCE

| Return Air System Static Pressure in. w.g. | Air Volume Exhausted cfm |
|--|--------------------------|
| 0.00 | 2000 |
| 0.05 | 1990 |
| 0.10 | 1924 |
| 0.15 | 1810 |
| 0.20 | 1664 |
| 0.25 | 1507 |
| 0.30 | 1350 |
| 0.35 | 1210 |

BLOWER DATA -- LCH 60HZ

CEILING DIFFUSERS AIR RESISTANCE (in. w.g.)

| Air Volume cfm | RTD9-65 Step-Down Diffuser | | | FD9-65 Flush Diffuser | RTD11-95 Step-Down Diffuser | | | FD11-95 Flush Diffuser |
|-------------------|----------------------------|-------------------------|--------------------------|-----------------------------|-----------------------------|-------------------------|--------------------------|------------------------------|
| | 2 Ends Open | 1 Side & 2 Ends Open | All Ends & Sides Open | | 2 Ends Open | 1 Side & 2 Ends Open | All Ends & Sides Open | |
| 800 | 0.15 | 0.13 | 0.11 | 0.11 | --- | --- | --- | --- |
| 1000 | 0.19 | 0.16 | 0.14 | 0.14 | --- | --- | --- | --- |
| 1200 | 0.25 | 0.20 | 0.17 | 0.17 | --- | --- | --- | --- |
| 1400 | 0.33 | 0.26 | 0.20 | 0.20 | --- | --- | --- | --- |
| 1600 | 0.43 | 0.32 | 0.20 | 0.24 | --- | --- | --- | --- |
| 1800 | 0.56 | 0.40 | 0.30 | 0.30 | 0.13 | 0.11 | 0.09 | 0.09 |
| 2000 | 0.73 | 0.50 | 0.36 | 0.36 | 0.15 | 0.13 | 0.11 | 0.10 |
| 2200 | 0.95 | 0.63 | 0.44 | 0.44 | 0.18 | 0.15 | 0.12 | 0.12 |
| 2400 | --- | ---- | --- | --- | 0.21 | 0.18 | 0.15 | 0.14 |
| 2600 | --- | ---- | --- | --- | 0.24 | 0.21 | 0.18 | 0.17 |
| 2800 | --- | ---- | --- | --- | 0.27 | 0.24 | 0.21 | 0.20 |
| 3000 | --- | ---- | --- | --- | 0.32 | 0.29 | 0.25 | 0.25 |

CEILING DIFFUSER AIR THROW DATA

| Air Volume - cfm | ¹ Effective Throw - ft. | |
|------------------|------------------------------------|---------|
| Model No. | RTD9-65 | FD9-65 |
| 800 | 10 - 17 | 14 - 18 |
| 1000 | 10 - 17 | 15 - 20 |
| 1200 | 11 - 18 | 16 - 22 |
| 1400 | 12 - 19 | 17 - 24 |
| 1600 | 12 - 20 | 18 - 25 |
| 1800 | 13 - 21 | 20 - 28 |
| 2000 | 14 - 23 | 21 - 29 |
| 2200 | 16 - 25 | 22 - 30 |
| Model No. | RTD11-95 | FD11-95 |
| 2600 | 24 - 29 | 19 - 24 |
| 2800 | 25 - 30 | 20 - 28 |
| 3000 | 27 - 33 | 21 - 29 |

¹ Effective throw based on terminal velocities of 75 ft. per minute.

BLOWER DATA -- LCH 50 Hz
BELT DRIVE KIT SPECIFICATIONS - 036-060

| Model No. | Motor kW | | Motor HP | | No. of Speeds | Drive Kits and rev/min Range | | | | | |
|-----------|----------|------|----------|------|---------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|
| | Nom. | Max. | Nom. | Max. | | A01 | A02 | A03 | A05 | A06 | A07 |
| 036 | 0.47 | 0.54 | 0.63 | 0.72 | 2 | low 374-561 high 561-842 | --- | --- | --- | --- | --- |
| | 0.62 | 0.71 | 0.83 | 0.95 | 2 | --- | --- | --- | low 498-748 high 748-1122 | --- | --- |
| 048 | 0.47 | 0.54 | 0.63 | 0.72 | 2 | --- | low 414-621 high 621-931 | --- | --- | --- | --- |
| | 1.24 | 1.42 | 1.66 | 1.91 | 2 | --- | --- | --- | --- | low 595-794 high 893-1191 | --- |
| 060 | 0.62 | 0.71 | 0.83 | 0.95 | 2 | --- | --- | low 463-694 high 694-1042 | --- | --- | --- |
| | 1.24 | 1.42 | 1.66 | 1.91 | 2 | --- | --- | --- | --- | --- | low 673-860 high 1010-1290 |

BELT DRIVE KIT SPECIFICATIONS - 072

| Model No. | Motor kW | | Motor HP | | No. of Speeds | AA01 | AA02 | AA03 |
|-----------|----------|------|----------|------|---------------|---------|---------|---------|
| | Nom. | Max. | Nom. | Max. | | | | |
| 072 | 1.5 | 1.7 | 2 | 2.3 | 1 | 435-653 | 527-729 | 665-921 |

FACTORY INSTALLED OPTIONS/FIELD INSTALLED ACCESSORY AIR RESISTANCE

036-048 MODELS

| Air Volume | | Wet Indoor Coil | | | | Humiditrol Dehumidification Coil | | Electric Heat | | Economizer | | Filters | | | |
|------------|------|-----------------|----------|-----|----------|----------------------------------|----------|---------------|----------|------------|----------|---------|----------|---------|----------|
| | | 036 | | 048 | | | | | | | | MERV 8 | | MERV 13 | |
| L/s | cfm | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. |
| 380 | 800 | 2 | 0.01 | 2 | 0.01 | 0 | 0.00 | 2 | 0.01 | 10 | 0.04 | 10 | 0.04 | 12 | 0.05 |
| 470 | 1000 | 5 | 0.02 | 5 | 0.02 | 0 | 0.00 | 7 | 0.03 | 10 | 0.04 | 10 | 0.04 | 17 | 0.07 |
| 565 | 1200 | 7 | 0.03 | 10 | 0.04 | 2 | 0.01 | 15 | 0.06 | 10 | 0.04 | 10 | 0.04 | 17 | 0.07 |
| 660 | 1400 | 10 | 0.04 | 12 | 0.05 | 5 | 0.02 | 22 | 0.09 | 10 | 0.04 | 10 | 0.04 | 17 | 0.07 |
| 755 | 1600 | 12 | 0.05 | 15 | 0.06 | 7 | 0.03 | 30 | 0.12 | 10 | 0.04 | 10 | 0.04 | 17 | 0.07 |
| 850 | 1800 | 15 | 0.06 | 17 | 0.07 | 10 | 0.04 | 37 | 0.15 | 12 | 0.05 | 10 | 0.04 | 17 | 0.07 |
| 945 | 2000 | 20 | 0.08 | 22 | 0.09 | 10 | 0.04 | 45 | 0.18 | 12 | 0.05 | 12 | 0.05 | 20 | 0.08 |

060-072 MODELS

| Air Volume | | Wet Indoor Coil | | Humiditrol Dehumidification Coil | | Electric Heat | | Economizer | | Filters | | | |
|------------|------|-----------------|----------|----------------------------------|----------|---------------|----------|------------|----------|---------|----------|---------|----------|
| | | | | | | | | | | MERV 8 | | MERV 13 | |
| L/s | cfm | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. |
| 470 | 1000 | 2 | 0.01 | 0 | 0.00 | 2 | 0.01 | 10 | 0.04 | 7 | 0.03 | 12 | 0.05 |
| 565 | 1200 | 5 | 0.02 | 0 | 0.00 | 7 | 0.03 | 10 | 0.04 | 7 | 0.03 | 17 | 0.07 |
| 660 | 1400 | 7 | 0.03 | 2 | 0.01 | 15 | 0.06 | 10 | 0.04 | 10 | 0.04 | 17 | 0.07 |
| 755 | 1600 | 10 | 0.04 | 5 | 0.02 | 22 | 0.09 | 10 | 0.04 | 10 | 0.04 | 17 | 0.07 |
| 850 | 1800 | 12 | 0.05 | 5 | 0.02 | 30 | 0.12 | 12 | 0.05 | 12 | 0.05 | 17 | 0.07 |
| 945 | 2000 | 15 | 0.06 | 7 | 0.03 | 37 | 0.15 | 12 | 0.05 | 12 | 0.05 | 17 | 0.07 |
| 1040 | 2200 | 17 | 0.07 | 10 | 0.04 | 45 | 0.18 | 12 | 0.05 | 12 | 0.05 | 20 | 0.08 |
| 1135 | 2400 | 20 | 0.08 | 10 | 0.04 | 50 | 0.20 | 12 | 0.05 | 12 | 0.05 | 20 | 0.08 |
| 1225 | 2600 | 22 | 0.09 | 12 | 0.05 | 55 | 0.22 | 15 | 0.06 | 12 | 0.05 | 20 | 0.08 |
| 1321 | 2800 | 25 | 0.10 | 12 | 0.05 | 60 | 0.24 | 15 | 0.06 | 12 | 0.05 | 20 | 0.08 |
| 1416 | 3000 | 30 | 0.12 | 15 | 0.06 | 70 | 0.28 | 15 | 0.06 | 12 | 0.05 | 20 | 0.08 |

BLOWER DATA - LCM

FACTORY INSTALLED OPTIONS/FIELD INSTALLED ACCESSORY AIR RESISTANCE - in. w.g.

| Air Volume cfm | Wet Indoor Coil | | Electric Heat | Economizer | Filters | |
|-------------------|-----------------|----------|---------------|------------|---------|---------|
| | 036, 048 | 060, 074 | | | MERV 8 | MERV 13 |
| 800 | 0.01 | --- | 0.01 | 0.04 | 0.04 | 0.05 |
| 1000 | 0.02 | 0.02 | 0.03 | 0.04 | 0.04 | 0.07 |
| 1200 | 0.03 | 0.04 | 0.06 | 0.04 | 0.04 | 0.07 |
| 1400 | 0.04 | 0.05 | 0.09 | 0.04 | 0.04 | 0.07 |
| 1600 | 0.05 | 0.07 | 0.12 | 0.04 | 0.04 | 0.07 |
| 1800 | 0.06 | 0.08 | 0.15 | 0.05 | 0.04 | 0.07 |
| 2000 | 0.08 | 0.10 | 0.18 | 0.05 | 0.05 | 0.08 |
| 2200 | --- | 0.11 | 0.18 | 0.05 | 0.05 | 0.08 |
| 2400 | --- | 0.13 | 0.20 | 0.05 | 0.05 | 0.08 |

POWER EXHAUST FAN PERFORMANCE

| Return Air System Static Pressure in. w.g. | Air Volume Exhausted cfm |
|---|-----------------------------|
| 0.00 | 2000 |
| 0.05 | 1990 |
| 0.10 | 1924 |
| 0.15 | 1810 |
| 0.20 | 1664 |
| 0.25 | 1507 |
| 0.30 | 1350 |
| 0.35 | 1210 |

CEILING DIFFUSERS AIR RESISTANCE (in. w.g.)

| Air Volume - cfm | RTD11-95S Step-Down Diffuser | | | FD11-95S Flush Diffuser |
|------------------|------------------------------|----------------------|-----------------------|-------------------------|
| | 2 Ends Open | 1 Side & 2 Ends Open | All Ends & Sides Open | |
| 1800 | 0.13 | 0.11 | 0.09 | 0.09 |
| 2000 | 0.15 | 0.13 | 0.11 | 0.10 |
| 2200 | 0.18 | 0.15 | 0.12 | 0.12 |
| 2400 | 0.21 | 0.18 | 0.15 | 0.14 |
| 2600 | 0.24 | 0.21 | 0.18 | 0.17 |
| 2800 | 0.27 | 0.24 | 0.21 | 0.20 |
| 3000 | 0.32 | 0.29 | 0.25 | 0.25 |

CEILING DIFFUSER AIR THROW DATA

| Air Volume - cfm | ¹ Effective Throw - ft. | |
|------------------|------------------------------------|----------|
| | RTD11-95S | FD11-95S |
| 2600 | 24 - 29 | 19 - 24 |
| 2800 | 25 - 30 | 20 - 28 |
| 3000 | 27 - 33 | 21 - 29 |

¹ Effective throw based on terminal velocities of 75 ft. per minute.

KC/KH 036-090 FACTORY INSTALLED BELT DRIVE KIT SPECIFICATIONS

| Motor hp | | RPM Range | | | | | | | |
|----------|---------|------------|------------|------------|------------|------------|-------------|-------------|-------------|
| Nominal | Maximum | Drive 1 | Drive 2 | Drive 3 | Drive 4 | Drive 5 | Drive 6 | Drive 7 | Drive 8 |
| 1.5 | 1.7 | 673 - 1010 | 745 - 1117 | 833 - 1250 | 968 - 1340 | 897 - 1346 | 1071 - 1429 | 1212 - 1548 | 1193 - 1591 |
| 2 | 2.3 | | | | | | | | |

*Using total air volume and system static pressure requirements determine from blower performance tables rpm and motor hp required. Maximum usable hp of motors furnished by Lennox are shown. In Canada, nominal motor hp is also maximum usable motor hp. If motors of comparable hp are used, be sure to keep within the service factor limitations outlined on the motor nameplate.

ADDITIONAL ACCESSORY AIR RESISTANCE

KC/KH OPTIONS / ACCESSORIES AIR RESISTANCE - in. w.g.

| Air Volume cfm | Economizer | Electric Heat |
|----------------|------------|---------------|
| 800 | 0.04 | 0.01 |
| 1000 | 0.04 | 0.03 |
| 1200 | 0.04 | 0.06 |
| 1400 | 0.04 | 0.09 |
| 1600 | 0.04 | 0.12 |
| 1800 | 0.05 | 0.15 |
| 2000 | 0.05 | 0.18 |
| 2200 | 0.05 | 0.20 |
| 2400 | 0.05 | 0.22 |
| 2600 | 0.06 | 0.24 |
| 2800 | 0.06 | 0.26 |
| 3000 | 0.06 | 0.28 |

OPTIONS / ACCESSORIES AIR RESISTANCE FOR KC 090 MODELS - in. w.g.

| Air Volume cfm | Economizer | Electric Heat | Wet Indoor Coil |
|----------------|------------|---------------|-----------------|
| 2400 | 0.05 | 0.22 | 0.08 |
| 2600 | 0.06 | 0.24 | 0.09 |
| 2800 | 0.06 | 0.26 | 0.10 |
| 3000 | 0.06 | 0.28 | 0.11 |
| 3200 | 0.06 | 0.30 | 0.12 |
| 3400 | 0.06 | 0.31 | 0.14 |
| 3600 | 0.06 | 0.32 | 0.15 |
| 3800 | 0.07 | 0.33 | 0.16 |
| 4000 | 0.07 | 0.34 | 0.18 |

KC/KH CEILING DIFFUSERS AIR RESISTANCE (in. w.g.)

| Air Volume cfm | RTD9-65 Step-Down Diffuser | | | FD9-65 Flush Diffuser | RTD11-95 Step-Down Diffuser | | | FD11-95 Flush Diffuser |
|----------------|----------------------------|----------------------|-----------------------|-----------------------|-----------------------------|----------------------|-----------------------|------------------------|
| | 2 Ends Open | 1 Side & 2 Ends Open | All Ends & Sides Open | | 2 Ends Open | 1 Side & 2 Ends Open | All Ends & Sides Open | |
| 800 | 0.15 | 0.13 | 0.11 | 0.11 | --- | --- | --- | --- |
| 1000 | 0.19 | 0.16 | 0.14 | 0.14 | --- | --- | --- | --- |
| 1200 | 0.25 | 0.20 | 0.17 | 0.17 | --- | --- | --- | --- |
| 1400 | 0.33 | 0.26 | 0.20 | 0.20 | --- | --- | --- | --- |
| 1600 | 0.43 | 0.32 | 0.20 | 0.24 | --- | --- | --- | --- |
| 1800 | 0.56 | 0.40 | 0.30 | 0.30 | 0.13 | 0.11 | 0.09 | 0.09 |
| 2000 | 0.73 | 0.50 | 0.36 | 0.36 | 0.15 | 0.13 | 0.11 | 0.10 |
| 2200 | 0.95 | 0.63 | 0.44 | 0.44 | 0.18 | 0.15 | 0.12 | 0.12 |
| 2400 | --- | --- | --- | --- | 0.21 | 0.18 | 0.15 | 0.14 |
| 2600 | --- | --- | --- | --- | 0.24 | 0.21 | 0.18 | 0.17 |
| 2800 | --- | --- | --- | --- | 0.27 | 0.24 | 0.21 | 0.20 |
| 3000 | --- | --- | --- | --- | 0.32 | 0.29 | 0.25 | 0.25 |

BLOWER DATA -- KC 50 Hz

BELT DRIVE KIT SPECIFICATIONS

| Model No. | Motor kW (hp) | | Drive Kits and Rev/Min Range | | | | | | | |
|-----------|---------------|-------------|------------------------------|------------|------------|------------|------------|-------------|------------|-------------|
| | Nominal | Maximum | A01 | A02 | A03 | A05 | A06 | A07 | A08 | A09 |
| 036-072 | 1.5 (2) | 1.7 (2.3) | 561 - 842 | 621 - 931 | 694 - 1042 | 748 - 1122 | 893 - 1191 | 1010 - 1290 | 994 - 1326 | 1193 - 1594 |
| Model No. | Motor kW (hp) | | Drive Kits and Rev/Min Range | | | | | | | |
| | Nominal | Maximum | AA03 | AA04 | AA05 | | | | | |
| 090 | 1.5 (2) | 1.7 (2.3) | 665 - 921 | 768 - 1023 | --- | | | | | |
| | 2.2 (3) | 2.57 (3.45) | --- | --- | 921 - 1177 | | | | | |

NOTE - Using total air volume and system static pressure requirements determine from blower performance tables rev/min. and motor kW required. Maximum usable kW of motors furnished are shown. If motors of comparable kW are used, be sure to keep within the service factor limitations outlined on the motor nameplate.

POWER EXHAUST FANS PERFORMANCE

| Return Air System Static Pressure | | Air Volume Exhausted | | | | | | | | | | | |
|-----------------------------------|----------|----------------------|------|--------|------|------|------|-----------|------|--------|------|------|------|
| | | T1PWRE10A | | | | | | T1PWRE10N | | | | | |
| | | Low | | Medium | | High | | Low | | Medium | | High | |
| Pa | in. w.g. | L/s | cfm | L/s | cfm | L/s | cfm | L/s | cfm | L/s | cfm | L/s | cfm |
| 0 | 0 | 510 | 1085 | 515 | 1085 | 510 | 1080 | 1525 | 3235 | 1625 | 3445 | 1705 | 3615 |
| 25 | 0.1 | 410 | 865 | 415 | 875 | 415 | 880 | 1280 | 2710 | 1395 | 2960 | 1475 | 3130 |
| 50 | 0.2 | 315 | 670 | 320 | 675 | 320 | 675 | 855 | 1810 | 1185 | 2510 | 1275 | 2700 |
| 75 | 0.3 | 235 | 495 | 230 | 490 | 230 | 485 | 865 | 1835 | 9985 | 2085 | 1090 | 2310 |
| 100 | 0.4 | 160 | 335 | 155 | 335 | 160 | 340 | 665 | 1405 | 790 | 1675 | 915 | 1935 |
| 125 | 0.5 | 95 | 200 | 100 | 210 | 120 | 250 | 440 | 935 | 595 | 1260 | 740 | 1570 |
| 150 | 0.6 | 35 | 75 | 65 | 135 | 115 | 240 | 185 | 390 | 390 | 825 | 555 | 1180 |

OPTIONS / ACCESSORIES AIR RESISTANCE FOR 036-072 MODELS

| Air Volume | | Economizer | | Wet Indoor Coil | | | | | | Electric Heat | |
|------------|------|------------|----------|-----------------|----------|-----|----------|-----|----------|---------------|----------|
| | | | | 036-048 | | 060 | | 072 | | | |
| L/s | cfm | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. |
| 470 | 1000 | 10 | 0.04 | 5 | 0.02 | 5 | 0.02 | 2 | 0.01 | 7 | 0.03 |
| 565 | 1200 | 10 | 0.04 | 7 | 0.03 | 7 | 0.04 | 5 | 0.02 | 15 | 0.06 |
| 660 | 1400 | 10 | 0.04 | 10 | 0.04 | 12 | 0.05 | 7 | 0.03 | 22 | 0.09 |
| 755 | 1600 | 10 | 0.04 | 12 | 0.05 | 15 | 0.06 | 7 | 0.04 | 30 | 0.12 |
| 850 | 1800 | 12 | 0.05 | 15 | 0.06 | 17 | 0.07 | 12 | 0.05 | 37 | 0.15 |
| 945 | 2000 | 12 | 0.05 | 20 | 0.08 | 22 | 0.09 | 15 | 0.06 | 45 | 0.18 |
| 1040 | 2200 | 12 | 0.05 | 22 | 0.09 | 25 | 0.10 | 17 | 0.07 | 50 | 0.20 |
| 1130 | 2400 | 12 | 0.05 | 25 | 0.10 | 30 | 0.12 | 20 | 0.08 | 55 | 0.22 |
| 1225 | 2600 | 15 | 0.06 | 27 | 0.11 | 30 | 0.13 | 22 | 0.09 | 60 | 0.24 |
| 1320 | 2800 | 15 | 0.06 | 30 | 0.13 | 37 | 0.15 | 25 | 0.10 | 65 | 0.26 |
| 1415 | 3000 | 15 | 0.06 | 35 | 0.14 | 40 | 0.16 | 30 | 0.12 | 70 | 0.28 |

OPTIONS / ACCESSORIES AIR RESISTANCE FOR 090 MODELS

| Air Volume | | Economizer | | Electric Heat | | Wet Indoor Coil | |
|------------|------|------------|----------|---------------|----------|-----------------|----------|
| L/s | cfm | Pa | in. w.g. | Pa | in. w.g. | Pa | in. w.g. |
| 1130 | 2400 | 12 | 0.05 | 55 | 0.22 | 20 | 0.08 |
| 1225 | 2600 | 15 | 0.06 | 60 | 0.24 | 22 | 0.09 |
| 1320 | 2800 | 15 | 0.06 | 65 | 0.26 | 25 | 0.10 |
| 1415 | 3000 | 15 | 0.06 | 70 | 0.28 | 30 | 0.12 |
| 1510 | 3200 | 15 | 0.06 | 75 | 0.30 | 30 | 0.13 |
| 1605 | 3400 | 15 | 0.06 | 77 | 0.31 | 35 | 0.14 |
| 1700 | 3600 | 15 | 0.06 | 80 | 0.32 | 37 | 0.15 |
| 1795 | 3800 | 17 | 0.07 | 82 | 0.33 | 40 | 0.16 |
| 1890 | 4000 | 17 | 0.07 | 85 | 0.34 | 45 | 0.18 |

BLOWER DATA -- KH 50 Hz

FACTORY INSTALLED BELT DRIVE KIT SPECIFICATIONS

| Motor | | rev/min. Range | | | | | | | |
|------------------|--------------------|----------------|-----------|------------|------------|------------|-------------|------------|-------------|
| Nominal | Maximum | Kit A01 | Kit A02 | Kit A03 | Kit A05 | Kit A06 | Kit A07 | Kit A08 | Kit A09 |
| 1.5 kW (2 hp) | 1.7 kW (2.3 hp) | 561 - 842 | 621 - 931 | 694 - 1042 | 748 - 1122 | 893 - 1191 | 1010 - 1290 | 994 - 1326 | 1193 - 1524 |

*Using total air volume and system static pressure requirements determine from blower performance tables rev/min. and motor kW required. Maximum usable kW of motors furnished are shown. If motors of comparable kW are used, be sure to keep within the service factor limitations outlined on the motor nameplate.

OPTIONS / ACCESSORIES AIR RESISTANCE

| Air Volume | | Economizer | | Wet Indoor Coil | | | | Electric Heat | |
|------------|------|------------|----------|-----------------|----------|---------|----------|---------------|----------|
| L/s | cfm | Pa | in. w.g. | 036-048 | | 060-072 | | Pa | in. w.g. |
| | | | | Pa | in. w.g. | Pa | in. w.g. | | |
| 470 | 1000 | 10 | 0.04 | 5 | 0.02 | 2 | 0.01 | 7 | 0.03 |
| 565 | 1200 | 10 | 0.04 | 7 | 0.03 | 5 | 0.02 | 15 | 0.06 |
| 660 | 1400 | 10 | 0.04 | 10 | 0.04 | 7 | 0.03 | 22 | 0.09 |
| 755 | 1600 | 10 | 0.04 | 12 | 0.05 | 10 | 0.04 | 30 | 0.12 |
| 850 | 1800 | 12 | 0.05 | 15 | 0.06 | 12 | 0.05 | 37 | 0.15 |
| 945 | 2000 | 12 | 0.05 | 20 | 0.08 | 15 | 0.06 | 45 | 0.18 |
| 1040 | 2200 | 12 | 0.05 | 22 | 0.09 | 17 | 0.07 | 50 | 0.20 |
| 1130 | 2400 | 12 | 0.05 | 25 | 0.10 | 20 | 0.08 | 55 | 0.22 |
| 1225 | 2600 | 15 | 0.06 | 27 | 0.11 | 22 | 0.09 | 60 | 0.24 |
| 1320 | 2800 | 15 | 0.06 | 32 | 0.13 | 25 | 0.10 | 65 | 0.26 |
| 1415 | 3000 | 15 | 0.06 | 35 | 0.14 | 30 | 0.12 | 70 | 0.28 |

**MINIMUM AIRFLOW - KC/LCH UNITS
WITH ELECTRIC HEAT
(BELT DRIVE)**

| kW | CFM | |
|------|----------|------------|
| | Downflow | Horizontal |
| 30 | 1900 | 2000 |
| 22.5 | 1500 | 1600 |
| 15 | 1200 | 1300 |
| 7.5 | 1050 | 1200 |

Note - 5 & 10kW available in direct drive only.

Direct drive units with electric heat (5.0-22.5kW) can operate on low speed up to 0.6" w.g. maximum static pressure.

**MINIMUM AIRFLOW - KH UNITS
WITH ELECTRIC HEAT
(BELT DRIVE)**

| kW | CFM | |
|------|----------|------------|
| | Downflow | Horizontal |
| 30 | 2250 | 2050 |
| 22.5 | 1750 | 1800 |
| 15 | 1250 | 1350 |
| 7.5 | 1050 | 1200 |

Note - 5 & 10kW available in direct drive only.

Direct drive units with electric heat (5.0-22.5kW) can operate on low speed up to 0.6" w.g. maximum static pressure.

**MINIMUM AIRFLOW - LCH UNITS
WITH ELECTRIC HEAT
(DIRECT DRIVE)**

| Unit | CFM |
|----------|-------------------------------|
| | Downflow & Horizontal Airflow |
| LCH036HE | 1080 |
| LCH048HE | 1280 |
| LCH060HE | 1600 |

**MINIMUM AIRFLOW - LCM UNITS
WITH ELECTRIC HEAT
(DIRECT DRIVE)**

| kW | CFM |
|------|-------------------------------|
| | Downflow & Horizontal Airflow |
| 22.5 | 1800 |
| 15 | 1350 |
| 7.5 | 1200 |