The new degree of comfort.™

# Rheem *Commercial Classic® Series* Package Air Conditioner

***Unit shown with optional louver panels installed.**

## RLNL- 13 SEER Series

Featuring Industry Standard R-410A Refrigerant
Nominal Sizes 3-5 Tons [10.6-17.6 kW]

## RLPL- 14 SEER Series

Featuring Industry Standard R-410A Refrigerant
Nominal Sizes 3-5 Tons [10.6-17.6 kW]

ISO 9001:2008 · c UL us LISTED · ENERGY STAR (14 SEER MODELS ONLY) · AHRI CERTIFIED · ENERGUIDE · ENERGUIDE

***"Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your Contractor for details or visit www.energystar.gov."***

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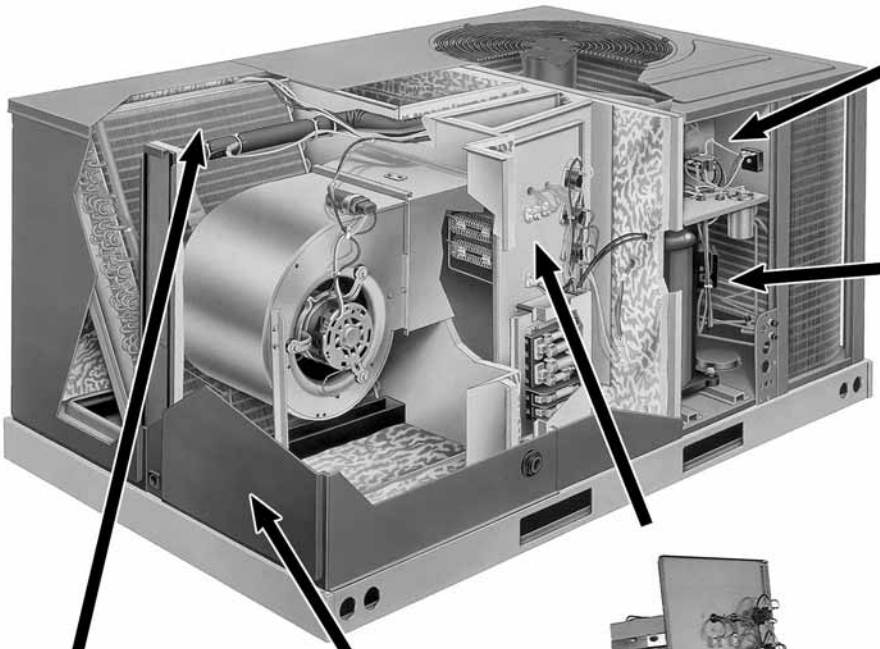
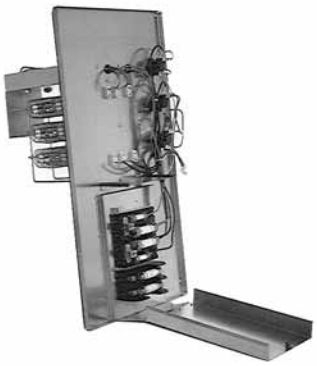
**Control Box Access**

**Compressor Access**
**(3 to 5 Ton [10.6 to 17.6 kW] Models)**





**Optional Electric Heater Kit**

**Evaporator Coil/Filter Access**

- Return air filters, normally provided, are removed in this photo.

- Non-corrosive plastic condensate pan

**Blower Access**

- Belt drive model shown. (Available on 3-phase models only.)

**[ ] Designates Metric Conversions**

**RLNL - A036, A042, A048, A060**
**RLPL - A036, A042, A048, A060**

## STANDARD FEATURES INCLUDE:

- R-410A HFC refrigerant.
- Complete factory charged, wired and run tested.
- Scroll compressors with internal line break overload and high-pressure protection.
- Single stage compressor on all models.
- Convertible airflow.
- TXV refrigerant metering system on each circuit.
- High Pressure and Low Pressure/Loss of charge protection standard on all models.
- Solid Core liquid line filter drier on each circuit.
- Single slab, single pass designed evaporator coil facilitates easy cleaning for maintained high efficiencies.
- Cooling operation up to 125 degree F ambient.
- Easily removable filter, blower, gas heat, and compressor/ control access panels permits prompt service.
- Powder Paint Finish meets ASTMB117 steel coated on each side for maximum protection. G90 galvanized.
- One piece top cover and one piece base pan with drawn supply and return opening for superior water management.
- Externally mounted refrigerant gauge ports for easy service diagnostics.
- Factory or field-installed electric heat kits available up to 24 kW.
- Easy to install plug-in; slip in, 100% fully modulating economizer.
- Forkable base rails for easy handling and lifting.
- Single point electrical and gas connections.
- Direct drive or high performance belt drive motor with variable pitch pulleys and quick adjust belt system.
- Permanently lubricated evaporator, condenser and gas heat inducer motors.
- Condenser motors are internally protected, totally enclosed with shaft down design.
- 1 inch filter standard with slide out design.
- Colored and labeled wiring.
- Copper tube/Aluminum Fin coils.
- Molded compressor plug.

# RLNL- SELECTION PROCEDURES

1. **Determine cooling and heating requirements at design conditions.**
   Example:
   Power supply.....208/230 - 3 Phase
   Total cooling capacity .....42,500 BTUH [12.44 kW]
   Sensible cooling capacity .....34,000 BTUH [9.96 kW]
   Heating capacity .....None
   Condenser entering air .....95°F [35°C]
   Evaporator entering air.....63°F [17°C] wb/76°F [24°C] db
   Indoor air flow .....1600 CFM [755 L/s]
   External static pressure.....1.1 in wg
   Required efficiency .....13 SEER

2. **Select unit to meet cooling requirements.**
   Since total cooling is within the range of 4 ton [14.07 kW] unit and requires 13 SEER efficiency level, enter cooling performance from the RLNL-A048 table, at 95°F [35°C] outdoor temperature, 63°F [17°C] wb entering indoor air, and 1600 CFM [755 L/s]:
   Total capacity .....45,100 BTUH [13.21 kW]
   Power supply .....44,100 BTUH [12.91 kW]
   Power input.....3.6 kW

   And also, at 76°F [24°C] db indoor entering air, and using the formula at the bottom of the page:
   Sensible capacity .....38,327 BTUH [11.22 kW]

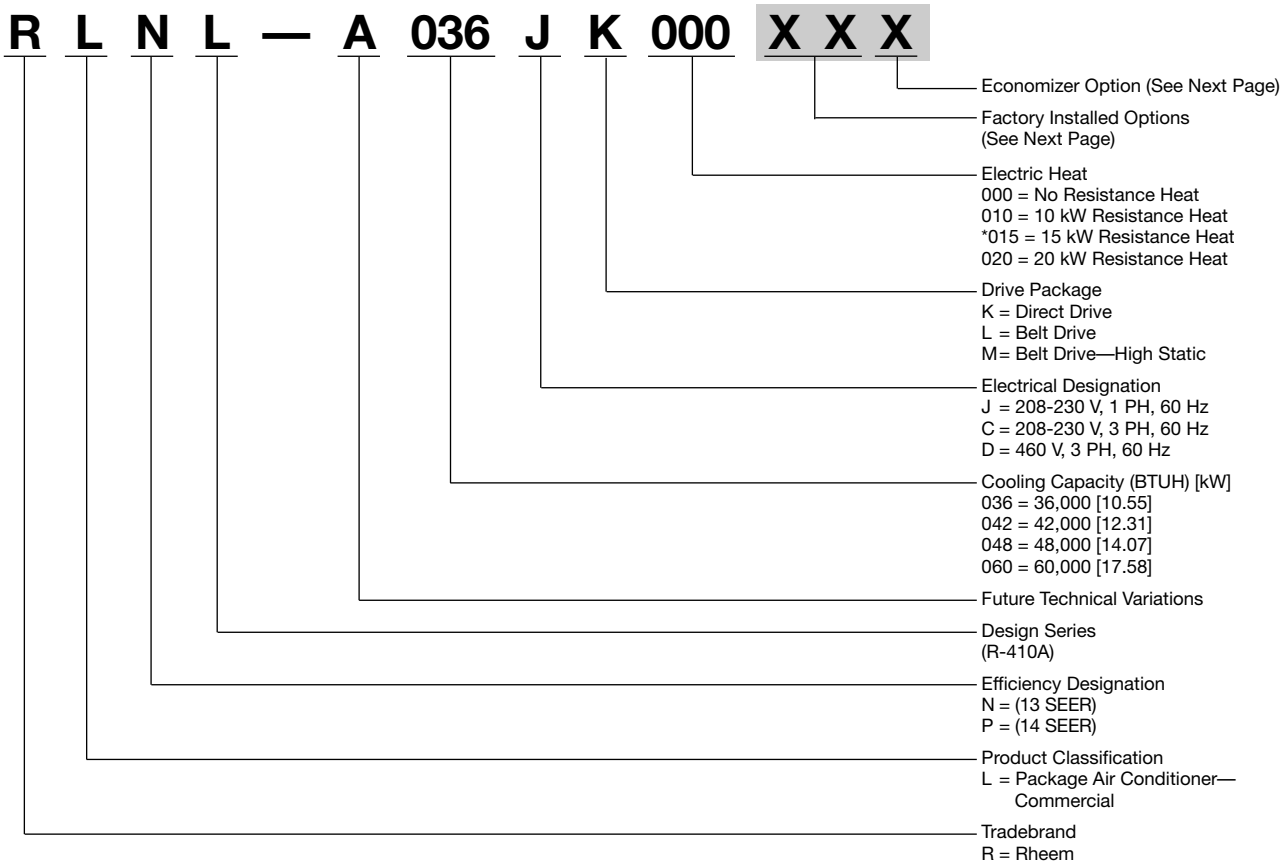
3. **Determine blower speed and power to meet the system requirements.**
   At the given external static pressure of 1.1 in wg, the belt model must be selected. Enter the belt drive blower performance table at 1600 CFM [755 L/s] and 1.1 in wg ESP:
   RPM .....1195
   Watts.....755
   Drive .....M

4. **Calculate indoor blower BTUH heat effect.**
   BTUH = Watts x 3.413 = 2577

5. **Calculate net cooling capacities.**
   Net total cooling = 45,100 – 2577 = 42,523 BTUH [12.45 kW]
   Net sensible cooling = 36,908 – 2577 = 35,750 BTUH [10.06 kW]

6. **Select Model**
   RLNL-A048CM000

**[ ] Designates Metric Conversions**




*Electric Heat Approved for Canada

**[ ] Designates Metric Conversions**

# FACTORY INSTALLED OPTION CODES FOR RLNL/RLPL- (3-5 Ton) [10.6-17.6 kW] (A036, A042, A048, A060)

| Option Code | Hail Guard | Non-Powered Convenience Outlet | Low Ambient/ Freeze Stat |
|---|---|---|---|
| AD | x | | |
| AG | | x | |
| AP | | | x |
| BY | x | | x |
| BJ | x | x | |
| CX | x | x | x |
| JC | | x | x |

Example: RLNL-A060JK000XXX (where XX is factory installed option)

Example: No Options

RLNL-A060JK000

Example: No Options with Factory Installed Economizer

RLNL-A060JK000AAB

Example: Options with Hailguard with no Factory Installed Economizer

RLNL-A060JK000ADA

Example: Options same as above with Factory Installed Economizer

RLNL-A060JK000ADB

# ECONOMIZER SELECTION FOR RLNL/RLPL- (3-5 Ton) [10.6-17.6 kW] (A036, A042, A048, A060)

| | No Economizer | Single Enthalpy Economizer With Barometric Relief |
|---|---|---|
| A | x | |
| F | | x |

"x" indicates factory installed option.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLNL- Series | A036CK | A036CL | A036CM | A036DK |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | **CONTINUED →** |
| Gross Cooling Capacity Btu [kW] | 36,800 [10.78] | 36,800 [10.78] | 36,800 [10.78] | 36,800 [10.78] |
| EER/SEER[2] | 11.4/13 | 11.4/13 | 11.4/13 | 11.4/13 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1200/1200 [566/566] | 1200/1200 [566/566] | 1200/1200 [566/566] | 1200/1200 [566/566] |
| AHRI Net Cooling Capacity Btu [kW] | 35,400 [10.37] | 35,400 [10.37] | 35,400 [10.37] | 35,400 [10.37] |
| Net Sensible Capacity Btu [kW] | 26,200 [7.68] | 26,200 [7.68] | 26,200 [7.68] | 26,200 [7.68] |
| Net Latent Capacity Btu [kW] | 9,200 [2.7] | 9,200 [2.7] | 9,200 [2.7] | 9,200 [2.7] |
| Net System Power kW | 3.1 | 3.1 | 3.1 | 3.1 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] |
| Rows / FPI [FPcm] | 1 / 22 [9] | 1 / 22 [9] | 1 / 22 [9] | 1 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 2 / 17 [7] | 2 / 17 [7] | 2 / 17 [7] | 2 / 17 [7] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Direct/3 | Belt/Variable | Belt/Variable | Direct/3 |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1/2 | 1/2 | 3/4 | 1/2 |
| Motor RPM | 1075 | 1725 | 1725 | 1075 |
| Motor Frame Size | 48 | 48 | 56 | 48 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 96 [2722] | 96 [2722] | 96 [2722] | 96 [2722] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 543 [246] | 543 [246] | 543 [246] | 543 [246] |
| Ship Weight lbs. [kg] | 550 [249] | 550 [249] | 550 [249] | 550 [249] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLNL- Series | A036DL | A036DM | A036JK | A036YL |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | **CONTINUED →** |
| Gross Cooling Capacity Btu [kW] | 36,800 [10.78] | 36,800 [10.78] | 36,800 [10.78] | 42,500 [12.45] |
| EER/SEER[2] | 11.4/13 | 11.4/13 | 11.4/13 | 11.4/13 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1200/1200 [566/566] | 1200/1200 [566/566] | 1200/1200 [566/566] | 1200/1200 [566/566] |
| AHRI Net Cooling Capacity Btu [kW] | 35,400 [10.37] | 35,400 [10.37] | 35,400 [10.37] | 35,400 [10.37] |
| Net Sensible Capacity Btu [kW] | 26,200 [7.68] | 26,200 [7.68] | 26,200 [7.68] | 26,200 [7.68] |
| Net Latent Capacity Btu [kW] | 9,200 [2.7] | 9,200 [2.7] | 9,200 [2.7] | 9,200 [2.7] |
| Net System Power kW | 3.1 | 3.1 | 3.1 | 3.1 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] |
| Rows / FPI [FPcm] | 1 / 22 [9] | 1 / 22 [9] | 1 / 22 [9] | 1 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 2 / 17 [7] | 2 / 17 [7] | 2 / 17 [7] | 2 / 17 [7] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Belt/Variable | Belt/Variable | Direct/3 | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1/2 | 3/4 | 1/2 | 3/4 |
| Motor RPM | 1725 | 1725 | 1075 | 1725 |
| Motor Frame Size | 48 | 56 | 48 | 56 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 96 [2722] | 96 [2722] | 96 [2722] | 96 [2722] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 543 [246] | 543 [246] | 543 [246] | 543 [246] |
| Ship Weight lbs. [kg] | 550 [249] | 550 [249] | 550 [249] | 550 [249] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLNL- Series | A036YM | A042CK | A042CL | A042CM |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 42,500 [12.45] | 42,500 [12.45] | 42,500 [12.45] | 42,500 [12.45] |
| EER/SEER[2] | 11.4/13 | 11.2/13 | 11.2/13 | 11.2/13 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1200/1200 [566/566] | 1400/1450 [661/684] | 1400/1450 [661/684] | 1400/1450 [661/684] |
| AHRI Net Cooling Capacity Btu [kW] | 35,400 [10.37] | 40,500 [11.87] | 40,500 [11.87] | 40,500 [11.87] |
| Net Sensible Capacity Btu [kW] | 26,200 [7.68] | 30,600 [8.97] | 30,600 [8.97] | 30,600 [8.97] |
| Net Latent Capacity Btu [kW] | 9,200 [2.7] | 9,900 [2.9] | 9,900 [2.9] | 9,900 [2.9] |
| Net System Power kW | 3.1 | 3.62 | 3.62 | 3.62 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] |
| Rows / FPI [FPcm] | 1 / 22 [9] | 1.53 / 22 [9] | 1.53 / 22 [9] | 1.53 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 2 / 17 [7] | 3 / 13 [5] | 3 / 13 [5] | 3 / 13 [5] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Belt/Variable | Direct/3 | Belt/Variable | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 3/4 | 1/2 | 1/2 | 3/4 |
| Motor RPM | 1725 | 1075 | 1725 | 1725 |
| Motor Frame Size | 56 | 48 | 48 | 56 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 96 [2722] | 125 [3544] | 125 [3544] | 125 [3544] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 543 [246] | 570 [259] | 570 [259] | 570 [259] |
| Ship Weight lbs. [kg] | 550 [249] | 577 [262] | 577 [262] | 577 [262] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLNL- Series | A042DK | A042DL | A042DM | A042JK |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 42,500 [12.45] | 42,500 [12.45] | 42,500 [12.45] | 50,000 [14.65] |
| EER/SEER[2] | 11.2/13 | 11.2/13 | 11.2/13 | 11.2/13 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1400/1450 [661/684] | 1400/1450 [661/684] | 1400/1450 [661/684] | 1400/1450 [661/684] |
| AHRI Net Cooling Capacity Btu [kW] | 40,500 [11.87] | 40,500 [11.87] | 40,500 [11.87] | 40,500 [11.87] |
| Net Sensible Capacity Btu [kW] | 30,600 [8.97] | 30,600 [8.97] | 30,600 [8.97] | 30,600 [8.97] |
| Net Latent Capacity Btu [kW] | 9,900 [2.9] | 9,900 [2.9] | 9,900 [2.9] | 9,900 [2.9] |
| Net System Power kW | 3.62 | 3.62 | 3.62 | 3.62 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] |
| Rows / FPI [FPcm] | 1.53 / 22 [9] | 1.53 / 22 [9] | 1.53 / 22 [9] | 1.53 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 13 [5] | 3 / 13 [5] | 3 / 13 [5] | 3 / 13 [5] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Direct/3 | Belt/Variable | Belt/Variable | Direct/3 |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1/2 | 1/2 | 3/4 | 1/2 |
| Motor RPM | 1075 | 1725 | 1725 | 1075 |
| Motor Frame Size | 48 | 48 | 56 | 48 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 125 [3544] | 125 [3544] | 125 [3544] | 125 [3544] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 570 [259] | 570 [259] | 570 [259] | 570 [259] |
| Ship Weight lbs. [kg] | 577 [262] | 577 [262] | 577 [262] | 577 [262] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLNL- Series | A048CK | A048CL | A048CM | A048DK |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 50,000 [14.65] | 50,000 [14.65] | 50,000 [14.65] | 50,000 [14.65] |
| EER/SEER[2] | 11.45/13 | 11.45/13 | 11.45/13 | 11.45/13 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1600/1600 [755/755] | 1600/1600 [755/755] | 1600/1600 [755/755] | 1600/1600 [755/755] |
| AHRI Net Cooling Capacity Btu [kW] | 48,000 [14.06] | 48,000 [14.06] | 48,000 [14.06] | 48,000 [14.06] |
| Net Sensible Capacity Btu [kW] | 35,600 [10.43] | 35,600 [10.43] | 35,600 [10.43] | 35,600 [10.43] |
| Net Latent Capacity Btu [kW] | 12,400 [3.63] | 12,400 [3.63] | 12,400 [3.63] | 12,400 [3.63] |
| Net System Power kW | 4.19 | 4.19 | 4.19 | 4.19 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] |
| Rows / FPI [FPcm] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Direct/3 | Belt/Variable | Belt/Variable | Direct/3 |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1/2 | 1/2 | 3/4 | 1/2 |
| Motor RPM | 1075 | 1725 | 1725 | 1075 |
| Motor Frame Size | 48 | 48 | 56 | 48 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 165 [4678] | 165 [4678] | 165 [4678] | 165 [4678] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 580 [263] | 580 [263] | 580 [263] | 580 [263] |
| Ship Weight lbs. [kg] | 587 [266] | 587 [266] | 587 [266] | 587 [266] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLNL- Series | A048DL | A048DM | A048JK | A048YL |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 50,000 [14.65] | 50,000 [14.65] | 50,000 [14.65] | 61,000 [17.87] |
| EER/SEER[2] | 11.45/13 | 11.45/13 | 11.45/13 | 11.45/13 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1600/1600 [755/755] | 1600/1600 [755/755] | 1600/1600 [755/755] | 1600/1600 [755/755] |
| AHRI Net Cooling Capacity Btu [kW] | 48,000 [14.06] | 48,000 [14.06] | 48,000 [14.06] | 48,000 [14.06] |
| Net Sensible Capacity Btu [kW] | 35,600 [10.43] | 35,600 [10.43] | 35,600 [10.43] | 35,600 [10.43] |
| Net Latent Capacity Btu [kW] | 12,400 [3.63] | 12,400 [3.63] | 12,400 [3.63] | 12,400 [3.63] |
| Net System Power kW | 4.19 | 4.19 | 4.19 | 4.19 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] |
| Rows / FPI [FPcm] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Belt/Variable | Belt/Variable | Direct/3 | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1/2 | 3/4 | 1/2 | 3/4 |
| Motor RPM | 1725 | 1725 | 1075 | 1725 |
| Motor Frame Size | 48 | 56 | 48 | 56 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 165 [4678] | 165 [4678] | 165 [4678] | 165 [4678] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 580 [263] | 580 [263] | 580 [263] | 580 [263] |
| Ship Weight lbs. [kg] | 587 [266] | 587 [266] | 587 [266] | 587 [266] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLNL- Series | A048YM | A060CK | A060CL | A060CM |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 50,000 [14.65] | 61,000 [17.87] | 61,000 [17.87] | 61,000 [17.87] |
| EER/SEER[2] | 11.45/13 | 11.1/13 | 11.1/13 | 11.1/13 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1600/1600 [755/755] | 2000/1900 [944/897] | 2000/1900 [944/897] | 2000/1900 [944/897] |
| AHRI Net Cooling Capacity Btu [kW] | 48,000 [14.06] | 59,000 [17.29] | 59,000 [17.29] | 59,000 [17.29] |
| Net Sensible Capacity Btu [kW] | 35,600 [10.43] | 42,000 [12.31] | 42,000 [12.31] | 42,000 [12.31] |
| Net Latent Capacity Btu [kW] | 12,400 [3.63] | 17,000 [4.98] | 17,000 [4.98] | 17,000 [4.98] |
| Net System Power kW | 4.19 | 5.32 | 5.32 | 5.32 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 83 | 83 | 83 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] |
| Rows / FPI [FPcm] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3930 [1855] | 3930 [1855] | 3930 [1855] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Belt/Variable | Direct/3 | Belt/Variable | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 3/4 | 1 | 3/4 | 1 |
| Motor RPM | 1725 | 1075 | 1725 | 1725 |
| Motor Frame Size | 56 | 48 | 56 | 56 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 165 [4678] | 160 [4536] | 160 [4536] | 160 [4536] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 580 [263] | 590 [268] | 590 [268] | 590 [268] |
| Ship Weight lbs. [kg] | 587 [266] | 597 [271] | 597 [271] | 597 [271] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLNL- Series | A060DK | A060DL | A060DM | A060JK |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 61,000 [17.87] | 61,000 [17.87] | 61,000 [17.87] | 61,000 [17.87] |
| EER/SEER[2] | 11.1/13 | 11.1/13 | 11.1/13 | 11.1/13 |
| Nominal CFM/AHRI Rated CFM [L/s] | 2000/1900 [944/897] | 2000/1900 [944/897] | 2000/1900 [944/897] | 2000/1900 [944/897] |
| AHRI Net Cooling Capacity Btu [kW] | 59,000 [17.29] | 59,000 [17.29] | 59,000 [17.29] | 59,000 [17.29] |
| Net Sensible Capacity Btu [kW] | 42,000 [12.31] | 42,000 [12.31] | 42,000 [12.31] | 42,000 [12.31] |
| Net Latent Capacity Btu [kW] | 17,000 [4.98] | 17,000 [4.98] | 17,000 [4.98] | 17,000 [4.98] |
| Net System Power kW | 5.32 | 5.32 | 5.32 | 5.32 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 83 | 83 | 83 | 83 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] |
| Rows / FPI [FPcm] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3930 [1855] | 3930 [1855] | 3930 [1855] | 3930 [1855] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Direct/3 | Belt/Variable | Belt/Variable | Direct/3 |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1 | 3/4 | 1 | 1 |
| Motor RPM | 1075 | 1725 | 1725 | 1075 |
| Motor Frame Size | 48 | 56 | 56 | 48 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 160 [4536] | 160 [4536] | 160 [4536] | 160 [4536] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 590 [268] | 590 [268] | 590 [268] | 590 [268] |
| Ship Weight lbs. [kg] | 597 [271] | 597 [271] | 597 [271] | 597 [271] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLNL- Series | A060YL | A060YM |
|---|---|---|
| **Cooling Performance[1]** | | |
| Gross Cooling Capacity Btu [kW] | 61,000 [17.87] | 61,000 [17.87] |
| EER/SEER[2] | 11.1/13 | 11.1/13 |
| Nominal CFM/AHRI Rated CFM [L/s] | 2000/1900 [944/897] | 2000/1900 [944/897] |
| AHRI Net Cooling Capacity Btu [kW] | 59,000 [17.29] | 59,000 [17.29] |
| Net Sensible Capacity Btu [kW] | 42,000 [12.31] | 42,000 [12.31] |
| Net Latent Capacity Btu [kW] | 17,000 [4.98] | 17,000 [4.98] |
| Net System Power kW | 5.32 | 5.32 |
| **Compressor** | | |
| No./Type | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 83 | 83 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered |
| Tube Type | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.56 [1.54] | 16.56 [1.54] |
| Rows / FPI [FPcm] | 2 / 22 [9] | 2 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 15 [6] | 3 / 15 [6] |
| Refrigerant Control | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 |
| CFM [L/s] | 3930 [1855] | 3930 [1855] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Belt/Variable | Belt/Variable |
| No. Motors | 1 | 1 |
| Motor HP | 3/4 | 1 |
| Motor RPM | 1725 | 1725 |
| Motor Frame Size | 56 | 56 |
| **Filter - Type** | Disposable | Disposable |
| Furnished | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 160 [4536] | 160 [4536] |
| **Weights** | | |
| Net Weight lbs. [kg] | 590 [268] | 590 [268] |
| Ship Weight lbs. [kg] | 597 [271] | 597 [271] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLPL- Series | A036CK | A036CL | A036CM | A036DK |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 36,600 [10.72] | 36,600 [10.72] | 36,600 [10.72] | 36,600 [10.72] |
| EER/SEER[2] | 12.05/14 | 12.05/14 | 12.05/14 | 12.05/14 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1200/1200 [566/566] | 1200/1200 [566/566] | 1200/1200 [566/566] | 1200/1200 [566/566] |
| AHRI Net Cooling Capacity Btu [kW] | 35,800 [10.49] | 35,800 [10.49] | 35,800 [10.49] | 35,800 [10.49] |
| Net Sensible Capacity Btu [kW] | 27,000 [7.91] | 27,000 [7.91] | 27,000 [7.91] | 27,000 [7.91] |
| Net Latent Capacity Btu [kW] | 8,800 [2.58] | 8,800 [2.58] | 8,800 [2.58] | 8,800 [2.58] |
| Net System Power kW | 2.97 | 2.97 | 2.97 | 2.97 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] |
| Rows / FPI [FPcm] | 1 / 22 [9] | 1 / 22 [9] | 1 / 22 [9] | 1 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 2 / 17 [7] | 2 / 17 [7] | 2 / 17 [7] | 2 / 17 [7] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Direct/4 | Belt/Variable | Belt/Variable | Direct/4 |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1/2 | 1/2 | 3/4 | 1/2 |
| Motor RPM | 1075 | 1725 | 1725 | 1075 |
| Motor Frame Size | 48 | 48 | 56 | 48 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 96 [2722] | 96 [2722] | 96 [2722] | 96 [2722] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 543 [246] | 543 [246] | 543 [246] | 543 [246] |
| Ship Weight lbs. [kg] | 550 [249] | 550 [249] | 550 [249] | 550 [249] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLPL- Series | A036DL | A036DM | A036JK | A042CK |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 36,600 [10.72] | 36,600 [10.72] | 36,600 [10.72] | 43,000 [12.6] |
| EER/SEER[2] | 12.05/14 | 12.05/14 | 12.05/14 | 11.85/14 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1200/1200 [566/566] | 1200/1200 [566/566] | 1200/1200 [566/566] | 1400/1450 [661/684] |
| AHRI Net Cooling Capacity Btu [kW] | 35,800 [10.49] | 35,800 [10.49] | 35,800 [10.49] | 41,500 [12.16] |
| Net Sensible Capacity Btu [kW] | 27,000 [7.91] | 27,000 [7.91] | 27,000 [7.91] | 31,200 [9.14] |
| Net Latent Capacity Btu [kW] | 8,800 [2.58] | 8,800 [2.58] | 8,800 [2.58] | 10,300 [3.02] |
| Net System Power kW | 2.97 | 2.97 | 2.97 | 3.5 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] |
| Rows / FPI [FPcm] | 1 / 22 [9] | 1 / 22 [9] | 1 / 22 [9] | 1.53 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 2 / 17 [7] | 2 / 17 [7] | 2 / 17 [7] | 3 / 13 [5] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Belt/Variable | Belt/Variable | Direct/4 | Direct/4 |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1/2 | 3/4 | 1/2 | 3/4 |
| Motor RPM | 1725 | 1725 | 1075 | 1075 |
| Motor Frame Size | 48 | 56 | 48 | 48 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 96 [2722] | 96 [2722] | 96 [2722] | 125 [3544] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 543 [246] | 543 [246] | 543 [246] | 570 [259] |
| Ship Weight lbs. [kg] | 550 [249] | 550 [249] | 550 [249] | 577 [262] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLPL- Series | A042CL | A042CM | A042DK | A042DL |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 43,000 [12.6] | 43,000 [12.6] | 43,000 [12.6] | 43,000 [12.6] |
| EER/SEER[2] | 11.85/14 | 11.85/14 | 11.85/14 | 11.85/14 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1400/1450 [661/684] | 1400/1450 [661/684] | 1400/1450 [661/684] | 1400/1450 [661/684] |
| AHRI Net Cooling Capacity Btu [kW] | 41,500 [12.16] | 41,500 [12.16] | 41,500 [12.16] | 41,500 [12.16] |
| Net Sensible Capacity Btu [kW] | 31,200 [9.14] | 31,200 [9.14] | 31,200 [9.14] | 31,200 [9.14] |
| Net Latent Capacity Btu [kW] | 10,300 [3.02] | 10,300 [3.02] | 10,300 [3.02] | 10,300 [3.02] |
| Net System Power kW | 3.5 | 3.5 | 3.5 | 3.5 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] | 16.91 [1.57] |
| Rows / FPI [FPcm] | 1.53 / 22 [9] | 1.53 / 22 [9] | 1.53 / 22 [9] | 1.53 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 13 [5] | 3 / 13 [5] | 3 / 13 [5] | 3 / 13 [5] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Belt/Variable | Belt/Variable | Direct/4 | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1/2 | 3/4 | 3/4 | 1/2 |
| Motor RPM | 1725 | 1725 | 1075 | 1725 |
| Motor Frame Size | 48 | 56 | 48 | 48 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 125 [3544] | 125 [3544] | 125 [3544] | 125 [3544] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 570 [259] | 570 [259] | 570 [259] | 570 [259] |
| Ship Weight lbs. [kg] | 577 [262] | 577 [262] | 577 [262] | 577 [262] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLPL- Series | A042DM | A042JK | A048CK | A048CL |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 43,000 [12.6] | 43,000 [12.6] | 50,500 [14.8] | 50,500 [14.8] |
| EER/SEER[2] | 11.85/14 | 11.85/14 | 12.15/14 | 12.15/14 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1400/1450 [661/684] | 1400/1450 [661/684] | 1600/1600 [755/755] | 1600/1600 [755/755] |
| AHRI Net Cooling Capacity Btu [kW] | 41,500 [12.16] | 41,500 [12.16] | 49,000 [14.36] | 49,000 [14.36] |
| Net Sensible Capacity Btu [kW] | 31,200 [9.14] | 31,200 [9.14] | 36,400 [10.67] | 36,400 [10.67] |
| Net Latent Capacity Btu [kW] | 10,300 [3.02] | 10,300 [3.02] | 12,600 [3.69] | 12,600 [3.69] |
| Net System Power kW | 3.5 | 3.5 | 4.03 | 4.03 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.91 [1.57] | 16.91 [1.57] | 16.56 [1.54] | 16.56 [1.54] |
| Rows / FPI [FPcm] | 1.53 / 22 [9] | 1.53 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 13 [5] | 3 / 13 [5] | 3 / 15 [6] | 3 / 15 [6] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Belt/Variable | Direct/4 | Direct/4 | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 3/4 | 3/4 | 3/4 | 1/2 |
| Motor RPM | 1725 | 1075 | 1075 | 1725 |
| Motor Frame Size | 56 | 48 | 48 | 48 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 125 [3544] | 125 [3544] | 165 [4678] | 165 [4678] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 570 [259] | 570 [259] | 580 [263] | 580 [263] |
| Ship Weight lbs. [kg] | 577 [262] | 577 [262] | 587 [266] | 587 [266] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLPL- Series | A048CM | A048DK | A048DL | A048DM |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | CONTINUED → |
| Gross Cooling Capacity Btu [kW] | 50,500 [14.8] | 50,500 [14.8] | 50,500 [14.8] | 50,500 [14.8] |
| EER/SEER[2] | 12.15/14 | 12.15/14 | 12.15/14 | 12.15/14 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1600/1600 [755/755] | 1600/1600 [755/755] | 1600/1600 [755/755] | 1600/1600 [755/755] |
| AHRI Net Cooling Capacity Btu [kW] | 49,000 [14.36] | 49,000 [14.36] | 49,000 [14.36] | 49,000 [14.36] |
| Net Sensible Capacity Btu [kW] | 36,400 [10.67] | 36,400 [10.67] | 36,400 [10.67] | 36,400 [10.67] |
| Net Latent Capacity Btu [kW] | 12,600 [3.69] | 12,600 [3.69] | 12,600 [3.69] | 12,600 [3.69] |
| Net System Power kW | 4.03 | 4.03 | 4.03 | 4.03 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 78 | 78 | 78 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] |
| Rows / FPI [FPcm] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3680 [1737] | 3680 [1737] | 3680 [1737] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Belt/Variable | Direct/4 | Belt/Variable | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 3/4 | 3/4 | 1/2 | 3/4 |
| Motor RPM | 1725 | 1075 | 1725 | 1725 |
| Motor Frame Size | 56 | 48 | 48 | 56 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 165 [4678] | 165 [4678] | 165 [4678] | 165 [4678] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 580 [263] | 580 [263] | 580 [263] | 580 [263] |
| Ship Weight lbs. [kg] | 587 [266] | 587 [266] | 587 [266] | 587 [266] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLPL- Series | A048JK | A060CK | A060CL | A060CM |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | |
| Gross Cooling Capacity Btu [kW] | 50,500 [14.8] | 61,500 [18.02] | 61,500 [18.02] | 61,500 [18.02] |
| EER/SEER[2] | 12.15/14 | 12.25/14 | 12.25/14 | 12.25/14 |
| Nominal CFM/AHRI Rated CFM [L/s] | 1600/1600 [755/755] | 2000/1850 [944/873] | 2000/1850 [944/873] | 2000/1850 [944/873] |
| AHRI Net Cooling Capacity Btu [kW] | 49,000 [14.36] | 60,000 [17.58] | 60,000 [17.58] | 60,000 [17.58] |
| Net Sensible Capacity Btu [kW] | 36,400 [10.67] | 42,500 [12.45] | 42,500 [12.45] | 42,500 [12.45] |
| Net Latent Capacity Btu [kW] | 12,600 [3.69] | 17,500 [5.13] | 17,500 [5.13] | 17,500 [5.13] |
| Net System Power kW | 4.03 | 4.9 | 4.9 | 4.9 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 78 | 83 | 83 | 83 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] |
| Rows / FPI [FPcm] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3680 [1737] | 3930 [1855] | 3930 [1855] | 3930 [1855] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/10x10 [254x254] | 1/11x10 [279.4x254] | 1/11x10 [279.4x254] |
| Drive Type/No. Speeds | Direct/4 | Direct/3 | Belt/Variable | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 3/4 | 1 | 3/4 | 1 |
| Motor RPM | 1075 | 1075 | 1725 | 1725 |
| Motor Frame Size | 48 | 48 | 56 | 56 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 165 [4678] | 147 [4167] | 147 [4167] | 147 [4167] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 580 [263] | 590 [268] | 590 [268] | 590 [268] |
| Ship Weight lbs. [kg] | 587 [266] | 597 [271] | 597 [271] | 597 [271] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

# NOMINAL SIZES 3-5 TONS [10.6-17.6 kW]

| Model RLPL- Series | A060DK | A060DL | A060DM | A060JK |
|---|---|---|---|---|
| **Cooling Performance[1]** | | | | |
| Gross Cooling Capacity Btu [kW] | 61,500 [18.02] | 61,500 [18.02] | 61,500 [18.02] | 61,500 [18.02] |
| EER/SEER[2] | 12.25/14 | 12.25/14 | 12.25/14 | 12.25/14 |
| Nominal CFM/AHRI Rated CFM [L/s] | 2000/1850 [944/873] | 2000/1850 [944/873] | 2000/1850 [944/873] | 2000/1850 [944/873] |
| AHRI Net Cooling Capacity Btu [kW] | 60,000 [17.58] | 60,000 [17.58] | 60,000 [17.58] | 60,000 [17.58] |
| Net Sensible Capacity Btu [kW] | 42,500 [12.45] | 42,500 [12.45] | 42,500 [12.45] | 42,500 [12.45] |
| Net Latent Capacity Btu [kW] | 17,500 [5.13] | 17,500 [5.13] | 17,500 [5.13] | 17,500 [5.13] |
| Net System Power kW | 4.9 | 4.9 | 4.9 | 4.9 |
| **Compressor** | | | | |
| No./Type | 1/Scroll | 1/Scroll | 1/Scroll | 1/Scroll |
| **Outdoor Sound Rating (dB)[3]** | 83 | 83 | 83 | 83 |
| **Outdoor Coil - Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] OD | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] | 16.56 [1.54] |
| Rows / FPI [FPcm] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] | 2 / 22 [9] |
| **Indoor Coil - Fin Type** | Corrugated | Corrugated | Corrugated | Corrugated |
| Tube Type | Rifled | Rifled | Rifled | Rifled |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Rows / FPI [FPcm] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] | 3 / 15 [6] |
| Refrigerant Control | TX Valves | TX Valves | TX Valves | TX Valves |
| Drain Connection No./Size in. [mm] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] | 1/0.75 [19.05] |
| **Outdoor Fan - Type** | Propeller | Propeller | Propeller | Propeller |
| No. Used/Diameter in. [mm] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] | 1/24 [609.6] |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| CFM [L/s] | 3930 [1855] | 3930 [1855] | 3930 [1855] | 3930 [1855] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 | 1075 | 1075 |
| **Indoor Fan - Type** | FC Centrifugal | FC Centrifugal | FC Centrifugal | FC Centrifugal |
| No. Used/Diameter in. [mm] | 1/10x10 [254x254] | 1/11x10 [279.4x254] | 1/11x10 [279.4x254] | 1/10x10 [254x254] |
| Drive Type/No. Speeds | Direct/3 | Belt/Variable | Belt/Variable | Direct/3 |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1 | 3/4 | 1 | 1 |
| Motor RPM | 1075 | 1725 | 1725 | 1075 |
| Motor Frame Size | 48 | 56 | 56 | 48 |
| **Filter - Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (NO.) Size Recommended in. [mm x mm x mm] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635]<br>(1)1x16x25 [25x406x635] |
| **Refrigerant Charge Oz. [g]** | 147 [4167] | 147 [4167] | 147 [4167] | 147 [4167] |
| **Weights** | | | | |
| Net Weight lbs. [kg] | 590 [268] | 590 [268] | 590 [268] | 590 [268] |
| Ship Weight lbs. [kg] | 597 [271] | 597 [271] | 597 [271] | 597 [271] |

See Page 24 for Notes.

**[ ] Designates Metric Conversions**

## NOTES:

1. Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. AHRI capacity is net and includes the effect of fan motor heat. Units are suitable for operation to ±20% of nominal CFM. Units are certified in accordance with the Unitary Air Conditioner Equipment certification program, which is based on AHRI Standard 210/240 or 360.
2. EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
3. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.

# GROSS SYSTEMS PERFORMANCE DATA—RLNL-A036

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| wbE | | | 71°F [21.7°C] | | | 67°F [19.4°C] | | | 63°F [17.2°C] | | |
| CFM [L/s] | | | 1500 [708] | 1200 [566] | 900 [425] | 1500 [708] | 1200 [566] | 900 [425] | 1500 [708] | 1200 [566] | 900 [425] |
| DR ① | | | .19 | .15 | .11 | .19 | .15 | .11 | .19 | .15 | .11 |
| OUTDOOR DRY BULB TEMPERATURE °F [°C] | 75 [23.9] | Total BTUH [kW] | 46.6 [13.66] | 44.6 [13.07] | 42.5 [12.46] | 43.2 [12.66] | 41.4 [12.13] | 39.5 [11.58] | 40.2 [11.78] | 38.4 [11.25] | 36.7 [10.76] |
| | | Sens BTUH [kW] | 28.3 [8.29] | 25.3 [7.41] | 22.4 [6.56] | 33.4 [9.79] | 29.9 [8.76] | 26.4 [7.74] | 38.6 [11.31] | 34.6 [10.14] | 30.5 [8.94] |
| | | Power | 2.1 | 2.1 | 2.0 | 2.2 | 2.1 | 2.1 | 2.2 | 2.1 | 2.1 |
| | 80 [26.7] | Total BTUH [kW] | 45.4 [13.31] | 43.5 [12.75] | 41.5 [12.16] | 42.1 [12.34] | 40.3 [11.81] | 38.4 [11.25] | 39.0 [11.43] | 37.3 [10.93] | 35.6 [10.43] |
| | | Sens BTUH [kW] | 27.7 [8.12] | 24.8 [7.27] | 21.9 [6.42] | 32.8 [9.61] | 29.4 [8.62] | 25.9 [7.59] | 38.0 [11.14] | 34.0 [9.96] | 30.1 [8.82] |
| | | Power | 2.3 | 2.2 | 2.2 | 2.3 | 2.3 | 2.2 | 2.3 | 2.3 | 2.2 |
| | 85 [29.4] | Total BTUH [kW] | 44.3 [12.98] | 42.3 [12.40] | 40.4 [11.84] | 40.9 [11.99] | 39.2 [11.49] | 37.4 [10.96] | 37.9 [11.11] | 36.2 [10.61] | 34.6 [10.14] |
| | | Sens BTUH [kW] | 27.1 [7.94] | 24.2 [7.09] | 21.4 [6.27] | 32.2 [9.44] | 28.8 [8.44] | 25.4 [7.44] | 37.4 [10.96] | 33.5 [9.82] | 29.6 [8.67] |
| | | Power | 2.4 | 2.4 | 2.3 | 2.4 | 2.4 | 2.4 | 2.5 | 2.4 | 2.4 |
| | 90 [32.2] | Total BTUH [kW] | 43.1 [12.63] | 41.2 [12.07] | 39.3 [11.52] | 39.8 [11.66] | 38.0 [11.14] | 36.3 [10.64] | 36.7 [10.76] | 35.1 [10.29] | 33.5 [9.82] |
| | | Sens BTUH [kW] | 26.4 [7.74] | 23.7 [6.95] | 20.9 [6.13] | 31.5 [9.23] | 28.2 [8.26] | 25.0 [7.33] | 36.7 [10.76] | 32.9 [9.64] | 29.1 [8.53] |
| | | Power | 2.5 | 2.5 | 2.4 | 2.6 | 2.5 | 2.5 | 2.6 | 2.5 | 2.5 |
| | 95 [35] | Total BTUH [kW] | 41.9 [12.28] | 40.1 [11.75] | 38.3 [11.22] | 38.6 [11.31] | 36.9 [10.81] | 35.2 [10.32] | 35.5 [10.40] | 33.9 [9.94] | 32.4 [9.50] |
| | | Sens BTUH [kW] | 25.8 [7.56] | 23.1 [6.77] | 20.4 [5.98] | 30.9 [9.06] | 27.7 [8.12] | 24.5 [7.18] | 35.5 [10.40] | 32.4 [9.50] | 28.6 [8.38] |
| | | Power | 2.7 | 2.6 | 2.6 | 2.7 | 2.7 | 2.6 | 2.7 | 2.7 | 2.6 |
| | 100 [37.8] | Total BTUH [kW] | 40.7 [11.93] | 38.9 [11.40] | 37.1 [10.87] | 37.3 [10.93] | 35.7 [10.46] | 34.1 [9.99] | 34.3 [10.05] | 32.8 [9.61] | 31.3 [9.17] |
| | | Sens BTUH [kW] | 25.2 [7.39] | 22.5 [6.59] | 19.9 [5.83] | 30.3 [8.88] | 27.1 [7.94] | 23.9 [7.00] | 34.3 [10.05] | 31.8 [9.32] | 28.1 [8.24] |
| | | Power | 2.8 | 2.8 | 2.7 | 2.9 | 2.8 | 2.7 | 2.9 | 2.8 | 2.8 |
| | 105 [40.6] | Total BTUH [kW] | 39.4 [11.55] | 37.7 [11.05] | 36.0 [10.55] | 36.1 [10.58] | 34.5 [10.11] | 32.9 [9.64] | 33.0 [9.67] | 31.6 [9.26] | 30.1 [8.82] |
| | | Sens BTUH [kW] | 24.5 [7.18] | 21.9 [6.42] | 19.4 [5.69] | 29.6 [8.67] | 26.5 [7.77] | 23.4 [6.86] | 33.0 [9.67] | 31.2 [9.14] | 27.5 [8.06] |
| | | Power | 3.0 | 2.9 | 2.8 | 3.0 | 2.9 | 2.9 | 3.0 | 2.9 | 2.9 |
| | 110 [43.3] | Total BTUH [kW] | 38.1 [11.17] | 36.5 [10.70] | 34.8 [10.20] | 34.8 [10.20] | 33.3 [9.76] | 31.8 [9.32] | 31.7 [9.29] | 30.3 [8.88] | 29.0 [8.50] |
| | | Sens BTUH [kW] | 23.7 [6.95] | 21.3 [6.24] | 18.8 [5.51] | 28.8 [8.44] | 25.8 [7.56] | 22.8 [6.68] | 31.7 [9.29] | 30.3 [8.88] | 26.9 [7.88] |
| | | Power | 3.1 | 3.0 | 3.0 | 3.1 | 3.1 | 3.0 | 3.1 | 3.1 | 3.0 |
| | 115 [46.1] | Total BTUH [kW] | 36.8 [10.79] | 35.2 [10.32] | 33.6 [9.85] | 33.5 [9.82] | 32.0 [9.38] | 30.6 [8.97] | 30.4 [8.91] | 29.1 [8.53] | 27.7 [8.12] |
| | | Sens BTUH [kW] | 23.0 [6.74] | 20.6 [6.04] | 18.2 [5.33] | 28.1 [8.24] | 25.1 [7.36] | 22.2 [6.51] | 30.4 [8.91] | 29.1 [8.53] | 26.3 [7.71] |
| | | Power | 3.2 | 3.2 | 3.1 | 3.3 | 3.2 | 3.1 | 3.3 | 3.2 | 3.1 |

# GROSS SYSTEMS PERFORMANCE DATA—RLNL-A042

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| wbE | | | 71°F [21.7°C] | | | 67°F [19.4°C] | | | 63°F [17.2°C] | | |
| CFM [L/s] | | | 1810 [854.2] | 1450 [684.3] | 1090 [514.4] | 1810 [854.2] | 1450 [684.3] | 1090 [514.4] | 1810 [854.2] | 1450 [684.3] | 1090 [514.4] |
| DR ① | | | .20 | .16 | .10 | .20 | .16 | .10 | .20 | .16 | .10 |
| OUTDOOR DRY BULB TEMPERATURE °F [°C] | 75 [23.9] | Total BTUH [kW] | 52.9 [15.50] | 50.6 [14.83] | 48.3 [14.16] | 49.8 [14.59] | 47.6 [13.95] | 45.5 [13.33] | 47.4 [13.89] | 45.3 [13.28] | 43.3 [12.69] |
| | | Sens BTUH [kW] | 32.9 [9.64] | 29.4 [8.62] | 26.0 [7.62] | 39.1 [11.46] | 35.0 [10.26] | 30.9 [9.06] | 45.3 [13.28] | 40.6 [11.90] | 35.9 [10.52] |
| | | Power | 2.5 | 2.5 | 2.4 | 2.5 | 2.5 | 2.4 | 2.5 | 2.5 | 2.4 |
| | 80 [26.7] | Total BTUH [kW] | 51.5 [15.09] | 49.3 [14.45] | 47.0 [13.77] | 48.5 [14.21] | 46.3 [13.57] | 44.2 [12.95] | 46.0 [13.48] | 44.0 [12.90] | 42.0 [12.31] |
| | | Sens BTUH [kW] | 32.1 [9.41] | 28.7 [8.41] | 25.4 [7.44] | 38.3 [11.22] | 34.3 [10.05] | 30.3 [8.88] | 44.8 [13.13] | 39.9 [11.69] | 35.3 [10.35] |
| | | Power | 2.7 | 2.6 | 2.6 | 2.7 | 2.6 | 2.6 | 2.7 | 2.6 | 2.6 |
| | 85 [29.4] | Total BTUH [kW] | 50.1 [14.68] | 48.0 [14.07] | 45.8 [13.42] | 47.1 [13.80] | 45.0 [13.19] | 43.0 [12.60] | 44.7 [13.10] | 42.7 [12.51] | 40.8 [11.96] |
| | | Sens BTUH [kW] | 31.3 [9.17] | 28.1 [8.24] | 24.8 [7.27] | 37.6 [11.02] | 33.6 [9.85] | 29.7 [8.70] | 44.0 [12.90] | 39.3 [11.52] | 34.7 [10.17] |
| | | Power | 2.8 | 2.8 | 2.7 | 2.8 | 2.8 | 2.7 | 2.8 | 2.8 | 2.7 |
| | 90 [32.2] | Total BTUH [kW] | 48.7 [14.27] | 46.6 [13.66] | 44.5 [13.04] | 45.7 [13.39] | 43.7 [12.81] | 41.7 [12.22] | 43.2 [12.66] | 41.4 [12.13] | 39.5 [11.58] |
| | | Sens BTUH [kW] | 30.7 [9.00] | 27.4 [8.03] | 24.2 [7.09] | 36.9 [10.81] | 33.0 [9.67] | 29.2 [8.56] | 43.0 [12.60] | 38.7 [11.34] | 34.2 [10.02] |
| | | Power | 3.0 | 2.9 | 2.9 | 3.0 | 2.9 | 2.9 | 3.0 | 2.9 | 2.9 |
| | 95 [35] | Total BTUH [kW] | 47.3 [13.86] | 45.2 [13.25] | 43.2 [12.66] | 44.2 [12.95] | 42.3 [12.40] | 40.4 [11.84] | 41.8 [12.25] | 40.0 [11.72] | 38.2 [11.20] |
| | | Sens BTUH [kW] | 30.0 [8.79] | 26.8 [7.85] | 23.7 [6.95] | 36.2 [10.61] | 32.4 [9.50] | 28.6 [8.38] | 41.8 [12.25] | 38.0 [11.14] | 33.6 [9.85] |
| | | Power | 3.2 | 3.1 | 3.0 | 3.2 | 3.1 | 3.0 | 3.2 | 3.1 | 3.0 |
| | 100 [37.8] | Total BTUH [kW] | 45.8 [13.42] | 43.8 [12.84] | 41.8 [12.25] | 42.7 [12.51] | 40.9 [11.99] | 39.0 [11.43] | 40.3 [11.81] | 38.6 [11.31] | 36.8 [10.79] |
| | | Sens BTUH [kW] | 29.2 [8.56] | 26.2 [7.68] | 23.1 [6.77] | 35.4 [10.37] | 31.7 [9.29] | 28.0 [8.21] | 40.3 [11.81] | 37.4 [10.96] | 33.0 [9.67] |
| | | Power | 3.3 | 3.3 | 3.2 | 3.3 | 3.2 | 3.2 | 3.3 | 3.2 | 3.2 |
| | 105 [40.6] | Total BTUH [kW] | 44.3 [12.98] | 42.3 [12.40] | 40.4 [11.84] | 41.2 [12.07] | 39.4 [11.55] | 37.6 [11.02] | 38.8 [11.37] | 37.1 [10.87] | 35.4 [10.37] |
| | | Sens BTUH [kW] | 28.5 [8.35] | 25.5 [7.47] | 22.5 [6.59] | 34.7 [10.17] | 31.0 [9.09] | 27.4 [8.03] | 38.8 [11.37] | 36.7 [10.76] | 32.4 [9.50] |
| | | Power | 3.5 | 3.4 | 3.3 | 3.5 | 3.4 | 3.3 | 3.5 | 3.4 | 3.3 |
| | 110 [43.3] | Total BTUH [kW] | 42.7 [12.51] | 40.8 [11.96] | 39.0 [11.43] | 39.6 [11.61] | 37.9 [11.11] | 36.2 [10.61] | 37.2 [10.90] | 35.6 [10.43] | 34.0 [9.96] |
| | | Sens BTUH [kW] | 27.6 [8.09] | 24.7 [7.24] | 21.8 [6.39] | 33.8 [9.91] | 30.3 [8.88] | 26.7 [7.83] | 37.2 [10.90] | 35.6 [10.43] | 31.7 [9.29] |
| | | Power | 3.6 | 3.6 | 3.5 | 3.6 | 3.6 | 3.5 | 3.6 | 3.6 | 3.5 |
| | 115 [46.1] | Total BTUH [kW] | 41.1 [12.05] | 39.3 [11.52] | 37.5 [10.99] | 38.0 [11.14] | 36.3 [10.64] | 34.7 [10.17] | 35.6 [10.43] | 34.0 [9.96] | 32.5 [9.52] |
| | | Sens BTUH [kW] | 26.6 [7.80] | 23.9 [7.00] | 21.1 [6.18] | 32.9 [9.64] | 29.4 [8.62] | 26.0 [7.62] | 35.6 [10.43] | 34.0 [9.96] | 31.0 [9.09] |
| | | Power | 3.8 | 3.7 | 3.6 | 3.8 | 3.7 | 3.6 | 3.8 | 3.7 | 3.6 |

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

**NOTES:** ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

**[ ] Designates Metric Conversions**

# GROSS SYSTEMS PERFORMANCE DATA—RLNL-A048

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| wbE | | | 71°F [21.7°C] | | | 67°F [19.4°C] | | | 63°F [17.2°C] | | |
| CFM [L/s] | | | 2000 [943.8] | 1600 [755.1] | 1200 [566.3] | 2000 [943.8] | 1600 [755.1] | 1200 [566.3] | 2000 [943.8] | 1600 [755.1] | 1200 [566.3] |
| DR ① | | | .18 | .14 | .09 | .18 | .14 | .09 | .18 | .14 | .09 |
| OUTDOOR DRY BULB TEMPERATURE °F [°C] | 75 [23.9] | Total BTUH [kW] | 63.8 [18.70] | 61.1 [17.91] | 58.3 [17.09] | 59.4 [17.41] | 56.9 [16.68] | 54.3 [15.91] | 54.4 [15.94] | 52.0 [15.24] | 49.6 [14.54] |
| | | Sens BTUH [kW] | 38.9 [11.40] | 34.9 [10.23] | 30.8 [9.03] | 45.9 [13.45] | 41.1 [12.05] | 36.3 [10.64] | 53.0 [15.53] | 47.5 [13.92] | 42.0 [12.31] |
| | | Power | 2.9 | 2.8 | 2.8 | 2.9 | 2.9 | 2.8 | 2.9 | 2.8 | 2.7 |
| | 80 [26.7] | Total BTUH [kW] | 62.0 [18.17] | 59.3 [17.38] | 56.6 [16.59] | 57.6 [16.88] | 55.1 [16.15] | 52.6 [15.42] | 52.5 [15.39] | 50.3 [14.74] | 48.0 [14.07] |
| | | Sens BTUH [kW] | 38.0 [11.14] | 34.0 [9.96] | 30.0 [8.79] | 44.9 [13.16] | 40.2 [11.78] | 35.5 [10.40] | 52.1 [15.27] | 46.6 [13.66] | 41.2 [12.07] |
| | | Power | 3.1 | 3.0 | 3.0 | 3.1 | 3.0 | 3.0 | 3.1 | 3.0 | 2.9 |
| | 85 [29.4] | Total BTUH [kW] | 60.2 [17.64] | 57.6 [16.88] | 55.0 [16.12] | 55.8 [16.35] | 53.4 [15.65] | 50.9 [14.92] | 50.7 [14.86] | 48.5 [14.21] | 46.3 [13.57] |
| | | Sens BTUH [kW] | 37.0 [10.84] | 33.1 [9.70] | 29.2 [8.56] | 43.9 [12.87] | 39.3 [11.52] | 34.7 [10.17] | 50.7 [14.86] | 45.7 [13.39] | 40.4 [11.84] |
| | | Power | 3.3 | 3.2 | 3.1 | 3.3 | 3.2 | 3.2 | 3.3 | 3.2 | 3.1 |
| | 90 [32.2] | Total BTUH [kW] | 58.4 [17.12] | 55.9 [16.38] | 53.3 [15.62] | 54.0 [15.83] | 51.7 [15.15] | 49.3 [14.45] | 48.9 [14.33] | 46.8 [13.72] | 44.7 [13.10] |
| | | Sens BTUH [kW] | 36.0 [10.55] | 32.2 [9.44] | 28.4 [8.32] | 42.9 [12.57] | 38.4 [11.25] | 34.0 [9.96] | 48.9 [14.33] | 44.8 [13.13] | 39.6 [11.61] |
| | | Power | 3.5 | 3.4 | 3.3 | 3.5 | 3.4 | 3.4 | 3.4 | 3.4 | 3.3 |
| | 95 [35] | Total BTUH [kW] | 56.6 [16.59] | 54.2 [15.88] | 51.7 [15.15] | 52.2 [15.30] | 50.0 [14.65] | 47.7 [13.98] | 47.2 [13.83] | 45.1 [13.22] | 43.1 [12.63] |
| | | Sens BTUH [kW] | 35.0 [10.26] | 31.3 [9.17] | 27.7 [8.12] | 42.0 [12.31] | 37.6 [11.02] | 33.2 [9.73] | 47.2 [13.83] | 44.1 [12.92] | 38.8 [11.37] |
| | | Power | 3.7 | 3.6 | 3.5 | 3.7 | 3.6 | 3.5 | 3.6 | 3.6 | 3.5 |
| | 100 [37.8] | Total BTUH [kW] | 54.9 [16.09] | 52.6 [15.42] | 50.2 [14.71] | 50.5 [14.80] | 48.4 [14.18] | 46.2 [13.54] | 45.5 [13.33] | 43.5 [12.75] | 41.5 [12.16] |
| | | Sens BTUH [kW] | 34.1 [9.99] | 30.5 [8.94] | 26.9 [7.88] | 41.0 [12.02] | 36.7 [10.76] | 32.5 [9.52] | 45.5 [13.33] | 43.1 [12.63] | 38.1 [11.17] |
| | | Power | 3.9 | 3.8 | 3.7 | 3.9 | 3.8 | 3.7 | 3.8 | 3.8 | 3.7 |
| | 105 [40.6] | Total BTUH [kW] | 53.3 [15.62] | 51.0 [14.95] | 48.7 [14.27] | 48.9 [14.33] | 46.8 [13.72] | 44.7 [13.10] | 43.9 [12.87] | 42.0 [12.31] | 40.1 [11.75] |
| | | Sens BTUH [kW] | 33.2 [9.73] | 29.7 [8.70] | 26.3 [7.71] | 40.2 [11.78] | 36.0 [10.55] | 31.8 [9.32] | 43.9 [12.87] | 42.0 [12.31] | 37.4 [10.96] |
| | | Power | 4.0 | 4.0 | 3.9 | 4.1 | 4.0 | 3.9 | 4.0 | 3.9 | 3.9 |
| | 110 [43.3] | Total BTUH [kW] | 51.9 [15.21] | 49.6 [14.54] | 47.4 [13.89] | 47.5 [13.92] | 45.4 [13.31] | 43.3 [12.69] | 42.4 [12.43] | 40.5 [11.87] | 38.7 [11.34] |
| | | Sens BTUH [kW] | 32.4 [9.50] | 29.1 [8.53] | 25.7 [7.53] | 39.4 [11.55] | 35.3 [10.35] | 31.2 [9.14] | 42.4 [12.43] | 40.5 [11.87] | 36.8 [10.79] |
| | | Power | 4.2 | 4.2 | 4.1 | 4.3 | 4.2 | 4.1 | 4.2 | 4.1 | 4.1 |
| | 115 [46.1] | Total BTUH [kW] | 50.5 [14.80] | 48.3 [14.16] | 46.1 [13.51] | 46.1 [13.51] | 44.1 [12.92] | 42.1 [12.34] | 41.0 [12.02] | 39.3 [11.52] | 37.5 [10.99] |
| | | Sens BTUH [kW] | 31.8 [9.32] | 28.5 [8.35] | 25.1 [7.36] | 38.8 [11.37] | 34.7 [10.17] | 30.7 [9.00] | 41.0 [12.02] | 39.3 [11.52] | 36.3 [10.64] |
| | | Power | 4.4 | 4.3 | 4.3 | 4.5 | 4.4 | 4.3 | 4.4 | 4.3 | 4.2 |

# GROSS SYSTEMS PERFORMANCE DATA—RLNL-A060

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| wbE | | | 71°F [21.7°C] | | | 67°F [19.4°C] | | | 63°F [17.2°C] | | |
| CFM [L/s] | | | 2380 [1123.2] | 1900 [896.7] | 1420 [670.1] | 2380 [1123.2] | 1900 [896.7] | 1420 [670.1] | 2380 [1123.2] | 1900 [896.7] | 1420 [670.1] |
| DR ① | | | .22 | .18 | .15 | .22 | .18 | .15 | .22 | .18 | .15 |
| OUTDOOR DRY BULB TEMPERATURE °F [°C] | 75 [23.9] | Total BTUH [kW] | 78.2 [22.92] | 74.8 [21.92] | 71.4 [20.93] | 72.4 [21.22] | 69.2 [20.28] | 66.1 [19.37] | 70.5 [20.66] | 67.4 [19.75] | 64.3 [18.84] |
| | | Sens BTUH [kW] | 46.4 [13.60] | 41.5 [12.16] | 36.7 [10.76] | 53.7 [15.74] | 48.1 [14.10] | 42.5 [12.46] | 61.8 [18.11] | 55.3 [16.21] | 48.9 [14.33] |
| | | Power | 3.9 | 3.8 | 3.7 | 3.9 | 3.8 | 3.7 | 3.8 | 3.7 | 3.6 |
| | 80 [26.7] | Total BTUH [kW] | 76.2 [22.33] | 72.9 [21.36] | 69.6 [20.40] | 70.4 [20.63] | 67.3 [19.72] | 64.2 [18.82] | 68.4 [20.05] | 65.4 [19.17] | 62.5 [18.32] |
| | | Sens BTUH [kW] | 45.5 [13.33] | 40.7 [11.93] | 36.0 [10.55] | 52.8 [15.47] | 47.2 [13.83] | 41.7 [12.22] | 60.9 [17.85] | 54.5 [15.97] | 48.1 [14.10] |
| | | Power | 4.1 | 4.0 | 3.9 | 4.1 | 4.0 | 3.9 | 4.0 | 3.9 | 3.8 |
| | 85 [29.4] | Total BTUH [kW] | 74.1 [21.72] | 70.8 [20.75] | 67.6 [19.81] | 68.2 [19.99] | 65.3 [19.14] | 62.3 [18.26] | 66.3 [19.43] | 63.4 [18.58] | 60.5 [17.73] |
| | | Sens BTUH [kW] | 44.4 [13.01] | 39.7 [11.63] | 35.1 [10.29] | 51.6 [15.12] | 46.2 [13.54] | 40.8 [11.96] | 59.7 [17.50] | 53.5 [15.68] | 47.3 [13.86] |
| | | Power | 4.3 | 4.3 | 4.2 | 4.4 | 4.3 | 4.2 | 4.2 | 4.2 | 4.1 |
| | 90 [32.2] | Total BTUH [kW] | 71.9 [21.07] | 68.7 [20.13] | 65.6 [19.23] | 66.0 [19.34] | 63.1 [18.49] | 60.3 [17.67] | 64.1 [18.79] | 61.3 [17.97] | 58.5 [17.14] |
| | | Sens BTUH [kW] | 43.1 [12.63] | 38.6 [11.31] | 34.1 [9.99] | 50.4 [14.77] | 45.1 [13.22] | 39.9 [11.69] | 58.5 [17.14] | 52.4 [15.36] | 46.3 [13.57] |
| | | Power | 4.6 | 4.5 | 4.4 | 4.6 | 4.5 | 4.4 | 4.5 | 4.4 | 4.3 |
| | 95 [35] | Total BTUH [kW] | 69.6 [20.40] | 66.6 [19.52] | 63.6 [18.64] | 63.8 [18.70] | 61.0 [17.88] | 58.2 [17.06] | 61.8 [18.11] | 59.1 [17.32] | 56.4 [16.53] |
| | | Sens BTUH [kW] | 41.8 [12.25] | 37.5 [10.99] | 33.1 [9.70] | 49.1 [14.39] | 44.0 [12.90] | 38.9 [11.40] | 57.2 [16.76] | 51.2 [15.01] | 45.3 [13.28] |
| | | Power | 4.8 | 4.7 | 4.6 | 4.8 | 4.7 | 4.6 | 4.7 | 4.6 | 4.5 |
| | 100 [37.8] | Total BTUH [kW] | 67.4 [19.75] | 64.4 [18.87] | 61.5 [18.02] | 61.5 [18.02] | 58.9 [17.26] | 56.2 [16.47] | 59.6 [17.47] | 57.0 [16.71] | 54.4 [15.94] |
| | | Sens BTUH [kW] | 40.6 [11.90] | 36.3 [10.64] | 32.1 [9.41] | 47.8 [14.01] | 42.8 [12.54] | 37.8 [11.08] | 55.9 [16.38] | 50.1 [14.68] | 44.3 [12.98] |
| | | Power | 5.1 | 5.0 | 4.9 | 5.1 | 5.0 | 4.9 | 5.0 | 4.9 | 4.8 |
| | 105 [40.6] | Total BTUH [kW] | 65.2 [19.11] | 62.4 [18.29] | 59.5 [17.44] | 59.3 [17.38] | 56.8 [16.65] | 54.2 [15.88] | 57.4 [16.82] | 54.9 [16.09] | 52.4 [15.36] |
| | | Sens BTUH [kW] | 39.3 [11.52] | 35.2 [10.32] | 31.1 [9.11] | 46.6 [13.66] | 41.8 [12.25] | 36.9 [10.81] | 54.7 [16.03] | 49.0 [14.36] | 43.3 [12.69] |
| | | Power | 5.3 | 5.2 | 5.1 | 5.3 | 5.2 | 5.1 | 5.2 | 5.1 | 5.0 |
| | 110 [43.3] | Total BTUH [kW] | 63.1 [18.49] | 60.4 [17.70] | 57.6 [16.88] | 57.3 [16.79] | 54.8 [16.06] | 52.3 [15.33] | 55.3 [16.21] | 52.9 [15.50] | 50.5 [14.80] |
| | | Sens BTUH [kW] | 38.3 [11.22] | 34.3 [10.05] | 30.3 [8.88] | 45.5 [13.33] | 40.8 [11.96] | 36.0 [10.55] | 53.6 [15.71] | 48.0 [14.07] | 42.4 [12.43] |
| | | Power | 5.6 | 5.4 | 5.3 | 5.6 | 5.5 | 5.3 | 5.5 | 5.3 | 5.2 |
| | 115 [46.1] | Total BTUH [kW] | 61.1 [17.91] | 58.5 [17.14] | 55.8 [16.35] | 55.3 [16.21] | 52.9 [15.50] | 50.5 [14.80] | 53.3 [15.62] | 51.0 [14.95] | 48.7 [14.27] |
| | | Sens BTUH [kW] | 37.4 [10.96] | 33.5 [9.82] | 29.6 [8.67] | 44.6 [13.07] | 40.0 [11.72] | 35.3 [10.35] | 52.7 [15.44] | 47.2 [13.83] | 41.7 [12.22] |
| | | Power | 5.8 | 5.7 | 5.6 | 5.8 | 5.7 | 5.6 | 5.7 | 5.6 | 5.5 |

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

**NOTES:** ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

**[ ] Designates Metric Conversions**

# GROSS SYSTEMS PERFORMANCE DATA—RLPL-A036

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| wbE | | | 71°F [21.7°C] | | | 67°F [19.4°C] | | | 63°F [17.2°C] | | |
| CFM [L/s] | | | 1500 [708] | 1200 [566] | 900 [425] | 1500 [708] | 1200 [566] | 900 [425] | 1500 [708] | 1200 [566] | 900 [425] |
| DR ① | | | .18 | .14 | .08 | .18 | .14 | .08 | .18 | .14 | .08 |
| OUTDOOR DRY BULB TEMPERATURE °F [°C] | 75 [23.9] | Total BTUH [kW] | 46.9 [13.75] | 44.8 [13.13] | 42.8 [12.54] | 43.3 [12.69] | 41.4 [12.13] | 39.5 [11.58] | 40.5 [11.87] | 38.7 [11.34] | 36.9 [10.81] |
| | | Sens BTUH [kW] | 28.0 [8.21] | 25.0 [7.33] | 22.1 [6.48] | 33.3 [9.76] | 29.9 [8.76] | 26.4 [7.74] | 38.2 [11.20] | 34.3 [10.05] | 30.3 [8.88] |
| | | Power | 2.1 | 2.0 | 2.0 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| | 80 [26.7] | Total BTUH [kW] | 45.8 [13.42] | 43.8 [12.84] | 41.8 [12.25] | 42.2 [12.37] | 40.3 [11.81] | 38.5 [11.28] | 39.3 [11.52] | 37.6 [11.02] | 35.9 [10.52] |
| | | Sens BTUH [kW] | 27.7 [8.12] | 24.8 [7.27] | 21.9 [6.42] | 33.1 [9.70] | 29.6 [8.67] | 26.1 [7.65] | 38.1 [11.17] | 34.0 [9.96] | 30.0 [8.79] |
| | | Power | 2.2 | 2.2 | 2.1 | 2.3 | 2.3 | 2.2 | 2.3 | 2.2 | 2.2 |
| | 85 [29.4] | Total BTUH [kW] | 44.5 [13.04] | 42.6 [12.48] | 40.7 [11.93] | 41.0 [12.02] | 39.2 [11.49] | 37.4 [10.96] | 38.1 [11.17] | 36.5 [10.70] | 34.8 [10.20] |
| | | Sens BTUH [kW] | 27.2 [7.97] | 24.3 [7.12] | 21.5 [6.30] | 32.6 [9.55] | 29.2 [8.56] | 25.8 [7.56] | 37.5 [10.99] | 33.6 [9.85] | 29.7 [8.70] |
| | | Power | 2.4 | 2.3 | 2.3 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.3 |
| | 90 [32.2] | Total BTUH [kW] | 43.3 [12.69] | 41.4 [12.13] | 39.5 [11.58] | 39.7 [11.63] | 37.9 [11.11] | 36.2 [10.61] | 36.8 [10.79] | 35.2 [10.32] | 33.6 [9.85] |
| | | Sens BTUH [kW] | 26.5 [7.77] | 23.7 [6.95] | 21.0 [6.15] | 31.9 [9.35] | 28.6 [8.38] | 25.2 [7.39] | 36.7 [10.76] | 33.0 [9.67] | 29.1 [8.53] |
| | | Power | 2.5 | 2.5 | 2.4 | 2.6 | 2.6 | 2.5 | 2.6 | 2.5 | 2.5 |
| | 95 [35] | Total BTUH [kW] | 41.9 [12.28] | 40.1 [11.75] | 38.3 [11.22] | 38.4 [11.25] | 36.7 [10.76] | 35.0 [10.26] | 35.5 [10.40] | 34.0 [9.96] | 32.4 [9.50] |
| | | Sens BTUH [kW] | 25.8 [7.56] | 23.1 [6.77] | 20.4 [5.98] | 31.1 [9.11] | 27.9 [8.18] | 24.6 [7.21] | 35.5 [10.40] | 32.3 [9.47] | 28.5 [8.35] |
| | | Power | 2.7 | 2.6 | 2.6 | 2.8 | 2.7 | 2.7 | 2.7 | 2.7 | 2.6 |
| | 100 [37.8] | Total BTUH [kW] | 40.6 [11.90] | 38.9 [11.40] | 37.1 [10.87] | 37.0 [10.84] | 35.4 [10.37] | 33.8 [9.91] | 34.2 [10.02] | 32.7 [9.58] | 31.2 [9.14] |
| | | Sens BTUH [kW] | 24.9 [7.30] | 22.3 [6.54] | 19.7 [5.77] | 30.3 [8.88] | 27.2 [7.97] | 24.0 [7.03] | 34.2 [10.02] | 31.6 [9.26] | 27.9 [8.18] |
| | | Power | 2.8 | 2.8 | 2.7 | 2.9 | 2.9 | 2.8 | 2.9 | 2.8 | 2.8 |
| | 105 [40.6] | Total BTUH [kW] | 39.4 [11.55] | 37.6 [11.02] | 35.9 [10.52] | 35.8 [10.49] | 34.2 [10.02] | 32.7 [9.58] | 33.0 [9.67] | 31.5 [9.23] | 30.1 [8.82] |
| | | Sens BTUH [kW] | 24.1 [7.06] | 21.6 [6.33] | 19.1 [5.60] | 29.5 [8.65] | 26.4 [7.74] | 23.3 [6.83] | 33.0 [9.67] | 30.8 [9.03] | 27.2 [7.97] |
| | | Power | 3.0 | 2.9 | 2.8 | 3.1 | 3.0 | 2.9 | 3.0 | 3.0 | 2.9 |
| | 110 [43.3] | Total BTUH [kW] | 38.2 [11.20] | 36.5 [10.70] | 34.8 [10.20] | 34.6 [10.14] | 33.1 [9.70] | 31.6 [9.26] | 31.8 [9.32] | 30.4 [8.91] | 29.0 [8.50] |
| | | Sens BTUH [kW] | 23.3 [6.83] | 20.9 [6.13] | 18.4 [5.39] | 28.7 [8.41] | 25.7 [7.53] | 22.7 [6.65] | 31.8 [9.32] | 30.1 [8.82] | 26.6 [7.80] |
| | | Power | 3.1 | 3.1 | 3.0 | 3.2 | 3.1 | 3.1 | 3.2 | 3.1 | 3.0 |
| | 115 [46.1] | Total BTUH [kW] | 37.1 [10.87] | 35.5 [10.40] | 33.9 [9.94] | 33.5 [9.82] | 32.0 [9.38] | 30.6 [8.97] | 30.7 [9.00] | 29.3 [8.59] | 28.0 [8.21] |
| | | Sens BTUH [kW] | 22.6 [6.62] | 20.3 [5.95] | 17.9 [5.25] | 28.0 [8.21] | 25.1 [7.36] | 22.2 [6.51] | 30.7 [9.00] | 29.3 [8.59] | 26.1 [7.65] |
| | | Power | 3.3 | 3.2 | 3.1 | 3.4 | 3.3 | 3.2 | 3.3 | 3.3 | 3.2 |

# GROSS SYSTEMS PERFORMANCE DATA—RLPL-A042

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| wbE | | | 71°F [21.7°C] | | | 67°F [19.4°C] | | | 63°F [17.2°C] | | |
| CFM [L/s] | | | 1810 [854.2] | 1450 [684.3] | 1090 [514.4] | 1810 [854.2] | 1450 [684.3] | 1090 [514.4] | 1810 [854.2] | 1450 [684.3] | 1090 [514.4] |
| DR ① | | | .20 | .16 | .11 | .20 | .16 | .11 | .20 | .16 | .11 |
| OUTDOOR DRY BULB TEMPERATURE °F [°C] | 75 [23.9] | Total BTUH [kW] | 52.7 [15.44] | 50.4 [14.77] | 48.1 [14.10] | 50.0 [14.65] | 47.8 [14.01] | 45.7 [13.39] | 46.1 [13.51] | 44.1 [12.92] | 42.1 [12.34] |
| | | Sens BTUH [kW] | 32.4 [9.50] | 29.0 [8.50] | 25.6 [7.50] | 39.0 [11.43] | 34.9 [10.23] | 30.9 [9.06] | 45.2 [13.25] | 40.5 [11.87] | 35.8 [10.49] |
| | | Power | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.5 | 2.5 | 2.4 |
| | 80 [26.7] | Total BTUH [kW] | 51.8 [15.18] | 49.5 [14.51] | 47.3 [13.86] | 49.1 [14.39] | 46.9 [13.75] | 44.8 [13.13] | 45.2 [13.25] | 43.2 [12.66] | 41.2 [12.07] |
| | | Sens BTUH [kW] | 31.9 [9.35] | 28.5 [8.35] | 25.2 [7.39] | 38.5 [11.28] | 34.5 [10.11] | 30.4 [8.91] | 44.7 [13.10] | 40.0 [11.72] | 35.4 [10.37] |
| | | Power | 2.7 | 2.7 | 2.6 | 2.7 | 2.6 | 2.6 | 2.7 | 2.6 | 2.6 |
| | 85 [29.4] | Total BTUH [kW] | 50.6 [14.83] | 48.4 [14.18] | 46.2 [13.54] | 47.9 [14.04] | 45.8 [13.42] | 43.7 [12.81] | 43.9 [12.87] | 42.0 [12.31] | 40.1 [11.75] |
| | | Sens BTUH [kW] | 31.3 [9.17] | 28.0 [8.21] | 24.7 [7.24] | 37.9 [11.11] | 33.9 [9.94] | 30.0 [8.79] | 43.9 [12.87] | 39.5 [11.58] | 34.9 [10.23] |
| | | Power | 2.9 | 2.8 | 2.8 | 2.9 | 2.8 | 2.7 | 2.8 | 2.8 | 2.7 |
| | 90 [32.2] | Total BTUH [kW] | 49.1 [14.39] | 47.0 [13.77] | 44.9 [13.16] | 46.4 [13.60] | 44.4 [13.01] | 42.4 [12.43] | 42.5 [12.46] | 40.7 [11.93] | 38.8 [11.37] |
| | | Sens BTUH [kW] | 30.5 [8.94] | 27.3 [8.00] | 24.2 [7.09] | 37.1 [10.87] | 33.3 [9.76] | 29.4 [8.62] | 42.5 [12.46] | 38.8 [11.37] | 34.3 [10.05] |
| | | Power | 3.0 | 3.0 | 2.9 | 3.0 | 2.9 | 2.9 | 3.0 | 2.9 | 2.9 |
| | 95 [35] | Total BTUH [kW] | 47.5 [13.92] | 45.5 [13.33] | 43.4 [12.72] | 44.8 [13.13] | 42.9 [12.57] | 40.9 [11.99] | 40.9 [11.99] | 39.1 [11.46] | 37.3 [10.93] |
| | | Sens BTUH [kW] | 29.7 [8.70] | 26.6 [7.80] | 23.5 [6.89] | 36.4 [10.67] | 32.6 [9.55] | 28.8 [8.44] | 40.9 [11.99] | 38.3 [11.22] | 33.7 [9.88] |
| | | Power | 3.2 | 3.1 | 3.1 | 3.2 | 3.1 | 3.0 | 3.2 | 3.1 | 3.0 |
| | 100 [37.8] | Total BTUH [kW] | 45.8 [13.42] | 43.8 [12.84] | 41.8 [12.25] | 43.1 [12.63] | 41.2 [12.07] | 39.4 [11.55] | 39.2 [11.49] | 37.5 [10.99] | 35.8 [10.49] |
| | | Sens BTUH [kW] | 28.9 [8.47] | 25.9 [7.59] | 22.9 [6.71] | 35.5 [10.40] | 31.8 [9.32] | 28.1 [8.24] | 39.2 [11.49] | 37.2 [10.90] | 33.0 [9.67] |
| | | Power | 3.4 | 3.3 | 3.2 | 3.3 | 3.3 | 3.2 | 3.3 | 3.2 | 3.2 |
| | 105 [40.6] | Total BTUH [kW] | 44.1 [12.92] | 42.1 [12.34] | 40.2 [11.78] | 41.3 [12.10] | 39.5 [11.58] | 37.7 [11.05] | 37.4 [10.96] | 35.8 [10.49] | 34.2 [10.02] |
| | | Sens BTUH [kW] | 28.0 [8.21] | 25.1 [7.36] | 22.2 [6.51] | 34.6 [10.14] | 31.0 [9.09] | 27.4 [8.03] | 37.4 [10.96] | 35.8 [10.49] | 32.3 [9.47] |
| | | Power | 3.5 | 3.4 | 3.4 | 3.5 | 3.4 | 3.3 | 3.5 | 3.4 | 3.3 |
| | 110 [43.3] | Total BTUH [kW] | 42.3 [12.40] | 40.5 [11.87] | 38.6 [11.31] | 39.6 [11.61] | 37.9 [11.11] | 36.2 [10.61] | 35.7 [10.46] | 34.1 [9.99] | 32.6 [9.55] |
| | | Sens BTUH [kW] | 27.1 [7.94] | 24.3 [7.12] | 21.5 [6.30] | 33.7 [9.88] | 30.2 [8.85] | 26.7 [7.83] | 35.7 [10.46] | 34.1 [9.99] | 31.6 [9.26] |
| | | Power | 3.7 | 3.6 | 3.5 | 3.6 | 3.6 | 3.5 | 3.6 | 3.6 | 3.5 |
| | 115 [46.1] | Total BTUH [kW] | 40.6 [11.90] | 38.9 [11.40] | 37.1 [10.87] | 37.9 [11.11] | 36.3 [10.64] | 34.6 [10.14] | 34.0 [9.96] | 32.5 [9.52] | 31.1 [9.11] |
| | | Sens BTUH [kW] | 26.2 [7.68] | 23.5 [6.89] | 20.8 [6.10] | 32.8 [9.61] | 29.4 [8.62] | 26.0 [7.62] | 34.0 [9.96] | 32.5 [9.52] | 30.9 [9.06] |
| | | Power | 3.8 | 3.7 | 3.7 | 3.8 | 3.7 | 3.6 | 3.8 | 3.7 | 3.6 |

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

**NOTES:** ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

**[ ] Designates Metric Conversions**

# GROSS SYSTEMS PERFORMANCE DATA—RLPL-A048

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| wbE | | | 71°F [21.7°C] | | | 67°F [19.4°C] | | | 63°F [17.2°C] | | |
| CFM [L/s] | | | 2000 [943.8] | 1600 [755.1] | 1200 [566.3] | 2000 [943.8] | 1600 [755.1] | 1200 [566.3] | 2000 [943.8] | 1600 [755.1] | 1200 [566.3] |
| DR ① | | | .17 | .13 | .08 | .17 | .13 | .08 | .17 | .13 | .08 |
| OUTDOOR DRY BULB TEMPERATURE °F [°C] | 75 [23.9] | Total BTUH [kW] | 63.2 [18.52] | 60.4 [17.70] | 57.7 [16.91] | 59.4 [17.41] | 56.8 [16.65] | 54.2 [15.88] | 53.7 [15.74] | 51.4 [15.06] | 49.0 [14.36] |
| | | Sens BTUH [kW] | 38.5 [11.28] | 34.4 [10.08] | 30.4 [8.91] | 45.8 [13.42] | 41.0 [12.02] | 36.2 [10.61] | 52.6 [15.42] | 47.1 [13.80] | 41.6 [12.19] |
| | | Power | 2.9 | 2.8 | 2.8 | 2.9 | 2.9 | 2.8 | 2.9 | 2.8 | 2.8 |
| | 80 [26.7] | Total BTUH [kW] | 61.1 [17.91] | 58.5 [17.14] | 55.8 [16.35] | 57.3 [16.79] | 54.8 [16.06] | 52.3 [15.33] | 51.6 [15.12] | 49.4 [14.48] | 47.1 [13.80] |
| | | Sens BTUH [kW] | 37.1 [10.87] | 33.3 [9.76] | 29.4 [8.62] | 44.5 [13.04] | 39.9 [11.69] | 35.2 [10.32] | 51.3 [15.03] | 45.9 [13.45] | 40.5 [11.87] |
| | | Power | 3.1 | 3.0 | 3.0 | 3.1 | 3.0 | 3.0 | 3.1 | 3.0 | 2.9 |
| | 85 [29.4] | Total BTUH [kW] | 59.4 [17.41] | 56.8 [16.65] | 54.2 [15.88] | 55.6 [16.29] | 53.2 [15.59] | 50.8 [14.89] | 49.9 [14.62] | 47.7 [13.98] | 45.6 [13.36] |
| | | Sens BTUH [kW] | 36.2 [10.61] | 32.4 [9.50] | 28.6 [8.38] | 43.6 [12.78] | 39.0 [11.43] | 34.5 [10.11] | 49.9 [14.62] | 45.1 [13.22] | 39.8 [11.66] |
| | | Power | 3.3 | 3.2 | 3.1 | 3.3 | 3.2 | 3.2 | 3.3 | 3.2 | 3.1 |
| | 90 [32.2] | Total BTUH [kW] | 57.9 [16.97] | 55.4 [16.24] | 52.9 [15.50] | 54.1 [15.86] | 51.8 [15.18] | 49.4 [14.48] | 48.4 [14.18] | 46.3 [13.57] | 44.2 [12.95] |
| | | Sens BTUH [kW] | 35.5 [10.40] | 31.8 [9.32] | 28.1 [8.24] | 42.9 [12.57] | 38.4 [11.25] | 33.9 [9.94] | 48.4 [14.18] | 44.4 [13.01] | 39.2 [11.49] |
| | | Power | 3.5 | 3.4 | 3.3 | 3.5 | 3.4 | 3.3 | 3.5 | 3.4 | 3.3 |
| | 95 [35] | Total BTUH [kW] | 56.6 [16.59] | 54.1 [15.86] | 51.7 [15.15] | 52.8 [15.47] | 50.5 [14.80] | 48.2 [14.13] | 47.1 [13.80] | 45.0 [13.19] | 43.0 [12.60] |
| | | Sens BTUH [kW] | 34.9 [10.23] | 31.3 [9.17] | 27.6 [8.09] | 42.3 [12.40] | 37.9 [11.11] | 33.4 [9.79] | 47.1 [13.80] | 44.0 [12.90] | 38.8 [11.37] |
| | | Power | 3.7 | 3.6 | 3.5 | 3.7 | 3.6 | 3.5 | 3.6 | 3.6 | 3.5 |
| | 100 [37.8] | Total BTUH [kW] | 55.2 [16.18] | 52.8 [15.47] | 50.4 [14.77] | 51.4 [15.06] | 49.2 [14.42] | 46.9 [13.75] | 45.7 [13.39] | 43.7 [12.81] | 41.8 [12.25] |
| | | Sens BTUH [kW] | 34.3 [10.05] | 30.8 [9.03] | 27.2 [7.97] | 41.7 [12.22] | 37.3 [10.93] | 33.0 [9.67] | 45.7 [13.39] | 43.3 [12.69] | 38.3 [11.22] |
| | | Power | 3.9 | 3.8 | 3.7 | 3.9 | 3.8 | 3.7 | 3.8 | 3.8 | 3.7 |
| | 105 [40.6] | Total BTUH [kW] | 53.7 [15.74] | 51.4 [15.06] | 49.1 [14.39] | 49.9 [14.62] | 47.7 [13.98] | 45.6 [13.36] | 44.2 [12.95] | 42.3 [12.40] | 40.4 [11.84] |
| | | Sens BTUH [kW] | 33.6 [9.85] | 30.1 [8.82] | 26.6 [7.80] | 41.0 [12.02] | 36.7 [10.76] | 32.4 [9.50] | 44.2 [12.95] | 42.3 [12.40] | 37.8 [11.08] |
| | | Power | 4.0 | 4.0 | 3.9 | 4.1 | 4.0 | 3.9 | 4.0 | 3.9 | 3.9 |
| | 110 [43.3] | Total BTUH [kW] | 52.0 [15.24] | 49.7 [14.57] | 47.5 [13.92] | 48.2 [14.13] | 46.1 [13.51] | 44.0 [12.90] | 42.5 [12.46] | 40.7 [11.93] | 38.8 [11.37] |
| | | Sens BTUH [kW] | 32.7 [9.58] | 29.3 [8.59] | 25.8 [7.56] | 40.0 [11.72] | 35.8 [10.49] | 31.7 [9.29] | 42.5 [12.46] | 40.7 [11.93] | 37.0 [10.84] |
| | | Power | 4.2 | 4.1 | 4.1 | 4.2 | 4.2 | 4.1 | 4.2 | 4.1 | 4.0 |
| | 115 [46.1] | Total BTUH [kW] | 49.9 [14.62] | 47.7 [13.98] | 45.5 [13.33] | 46.0 [13.48] | 44.0 [12.90] | 42.0 [12.31] | 40.4 [11.84] | 38.6 [11.31] | 36.9 [10.81] |
| | | Sens BTUH [kW] | 31.3 [9.17] | 28.0 [8.21] | 24.8 [7.27] | 38.7 [11.34] | 34.6 [10.14] | 30.6 [8.97] | 40.4 [11.84] | 38.6 [11.31] | 35.9 [10.52] |
| | | Power | 4.4 | 4.3 | 4.2 | 4.4 | 4.3 | 4.3 | 4.4 | 4.3 | 4.2 |

# GROSS SYSTEMS PERFORMANCE DATA—RLPL-A060

| ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ① | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| wbE | | | 71°F [21.7°C] | | | 67°F [19.4°C] | | | 63°F [17.2°C] | | |
| CFM [L/s] | | | 2310 [1090.1] | 1850 [873.1] | 1390 [656] | 2310 [1090.1] | 1850 [873.1] | 1390 [656] | 2310 [1090.1] | 1850 [873.1] | 2310 [1090.1] |
| DR ① | | | .20 | .17 | .13 | .20 | .17 | .13 | .20 | .17 | .13 |
| OUTDOOR DRY BULB TEMPERATURE °F [°C] | 75 [23.9] | Total BTUH [kW] | 77.5 [22.71] | 74.2 [21.75] | 70.8 [20.75] | 71.2 [20.87] | 68.1 [19.96] | 65.0 [19.05] | 65.8 [19.28] | 63.0 [18.46] | 60.1 [17.61] |
| | | Sens BTUH [kW] | 45.5 [13.33] | 40.7 [11.93] | 36.0 [10.55] | 52.6 [15.42] | 47.1 [13.80] | 41.6 [12.19] | 62.5 [18.32] | 56.0 [16.41] | 49.5 [14.51] |
| | | Power | 3.6 | 3.5 | 3.5 | 3.6 | 3.5 | 3.4 | 3.6 | 3.5 | 3.4 |
| | 80 [26.7] | Total BTUH [kW] | 75.7 [22.19] | 72.4 [21.22] | 69.1 [20.25] | 69.4 [20.34] | 66.4 [19.46] | 63.4 [18.58] | 64.0 [18.76] | 61.2 [17.94] | 58.4 [17.12] |
| | | Sens BTUH [kW] | 44.6 [13.07] | 40.0 [11.72] | 35.3 [10.35] | 51.8 [15.18] | 46.4 [13.60] | 41.0 [12.02] | 61.8 [18.11] | 55.3 [16.21] | 48.8 [14.30] |
| | | Power | 3.8 | 3.8 | 3.7 | 3.8 | 3.7 | 3.7 | 3.8 | 3.7 | 3.6 |
| | 85 [29.4] | Total BTUH [kW] | 74.0 [21.69] | 70.8 [20.75] | 67.6 [19.81] | 67.7 [19.84] | 64.8 [18.99] | 61.9 [18.14] | 62.4 [18.29] | 59.6 [17.47] | 56.9 [16.68] |
| | | Sens BTUH [kW] | 43.8 [12.84] | 39.2 [11.49] | 34.7 [10.17] | 51.0 [14.95] | 45.6 [13.36] | 40.3 [11.81] | 61.0 [17.88] | 54.6 [16.00] | 48.2 [14.13] |
| | | Power | 4.1 | 4.0 | 3.9 | 4.0 | 4.0 | 3.9 | 4.0 | 3.9 | 3.8 |
| | 90 [32.2] | Total BTUH [kW] | 72.4 [21.22] | 69.3 [20.31] | 66.1 [19.37] | 66.1 [19.37] | 63.3 [18.55] | 60.4 [17.70] | 60.7 [17.79] | 58.1 [17.03] | 55.5 [16.27] |
| | | Sens BTUH [kW] | 43.0 [12.60] | 38.5 [11.28] | 34.0 [9.96] | 50.2 [14.71] | 44.9 [13.16] | 39.7 [11.63] | 60.1 [17.61] | 53.9 [15.80] | 47.6 [13.95] |
| | | Power | 4.3 | 4.2 | 4.1 | 4.3 | 4.2 | 4.1 | 4.2 | 4.1 | 4.1 |
| | 95 [35] | Total BTUH [kW] | 70.8 [20.75] | 67.7 [19.84] | 64.6 [18.93] | 64.5 [18.90] | 61.7 [18.08] | 58.9 [17.26] | 59.1 [17.32] | 56.5 [16.56] | 54.0 [15.83] |
| | | Sens BTUH [kW] | 42.2 [12.37] | 37.8 [11.08] | 33.4 [9.79] | 49.4 [14.48] | 44.2 [12.95] | 39.0 [11.43] | 59.1 [17.32] | 53.1 [15.56] | 46.9 [13.75] |
| | | Power | 4.5 | 4.4 | 4.3 | 4.5 | 4.4 | 4.3 | 4.5 | 4.4 | 4.3 |
| | 100 [37.8] | Total BTUH [kW] | 69.0 [20.22] | 66.0 [19.34] | 63.0 [18.46] | 62.7 [18.38] | 60.0 [17.58] | 57.3 [16.79] | 57.3 [16.79] | 54.8 [16.06] | 52.3 [15.33] |
| | | Sens BTUH [kW] | 41.3 [12.10] | 37.0 [10.84] | 32.7 [9.58] | 48.5 [14.21] | 43.4 [12.72] | 38.3 [11.22] | 57.3 [16.79] | 52.3 [15.33] | 46.2 [13.54] |
| | | Power | 4.7 | 4.6 | 4.6 | 4.7 | 4.6 | 4.5 | 4.7 | 4.6 | 4.5 |
| | 105 [40.6] | Total BTUH [kW] | 67.0 [19.64] | 64.1 [18.79] | 61.2 [17.94] | 60.7 [17.79] | 58.1 [17.03] | 55.4 [16.24] | 55.3 [16.21] | 52.9 [15.50] | 50.5 [14.80] |
| | | Sens BTUH [kW] | 40.3 [11.81] | 36.1 [10.58] | 31.9 [9.35] | 47.5 [13.92] | 42.5 [12.46] | 37.5 [10.99] | 55.3 [16.21] | 51.4 [15.06] | 45.4 [13.31] |
| | | Power | 5.0 | 4.9 | 4.8 | 4.9 | 4.8 | 4.7 | 4.9 | 4.8 | 4.7 |
| | 110 [43.3] | Total BTUH [kW] | 64.7 [18.96] | 61.9 [18.14] | 59.1 [17.32] | 58.4 [17.12] | 55.9 [16.38] | 53.3 [15.62] | 53.0 [15.53] | 50.7 [14.86] | 48.4 [14.18] |
| | | Sens BTUH [kW] | 39.2 [11.49] | 35.1 [10.29] | 31.0 [9.09] | 46.3 [13.57] | 41.5 [12.16] | 36.6 [10.73] | 53.0 [15.53] | 50.4 [14.77] | 44.5 [13.04] |
| | | Power | 5.2 | 5.1 | 5.0 | 5.2 | 5.1 | 5.0 | 5.1 | 5.0 | 4.9 |
| | 115 [46.1] | Total BTUH [kW] | 61.9 [18.14] | 59.2 [17.35] | 56.6 [16.59] | 55.6 [16.29] | 53.2 [15.59] | 50.8 [14.89] | 50.3 [14.74] | 48.1 [14.10] | 45.9 [13.45] |
| | | Sens BTUH [kW] | 37.8 [11.08] | 33.9 [9.94] | 29.9 [8.76] | 45.0 [13.19] | 40.3 [11.81] | 35.6 [10.43] | 50.3 [14.74] | 48.1 [14.10] | 43.4 [12.72] |
| | | Power | 5.4 | 5.3 | 5.2 | 5.4 | 5.3 | 5.2 | 5.4 | 5.3 | 5.1 |

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power —KW input

**NOTES:** ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

**[ ] Designates Metric Conversions**

# DIRECT-DRIVE 208 AIRFLOW PERFORMANCE

| Unit Model | Motor Speed From Factory | | Heating Input BTU/hr [kW] | Manufacturer Recommended Air-Flow Range (Min/Max) CFM | Blower Size/ Motor HP [w] # of Speeds | Motor Speed | | CFM [L/s] Air Delivery/RPM/Watts—208 Volts | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | External Static Pressure—Inches W.C. [kPa] | | | | | | | |
| | Cool | Heat | | | | | | 0.1 [.02] | 0.2 [.05] | 0.3 [.07] | 0.4 [.10] | 0.5 [.12] | 0.6 [.15] | 0.7 [.17] | 0.8 [.20] |
| RLNL-A036 | Low | Low | [06] [10] [12] [15] [20] | 1050/1350 | 10x10 1/2 HP [373] 3 Speed Motor | Low | CFM | 1210 [571] | 1193 [563] | 1175 [555] | 1155 [545] | 1125 [531] | 1075 [507] | 1015 [479] | 925 [437] |
| | | | | | | | Watts | 450 | 400 | 395 | 385 | 380 | 375 | 370 | 360 |
| | | | | | | Med | CFM | 1515 [715] | 1500 [708] | 1475 [696] | 1450 [684] | 1405 [663] | 1350 [637] | 1275 [602] | 1180 [557] |
| | | | | | | | Watts | 525 | 515 | 510 | 505 | 490 | 475 | 460 | 445 |
| | | | | | | High | CFM | 1680 [793] | 1650 [779] | 1625 [767] | 1580 [746] | 1530 [722] | 1460 [689] | 1390 [656] | 1280 [604] |
| | | | | | | | Watts | 650 | 640 | 630 | 610 | 580 | 560 | 545 | 515 |
| RLNL-A042 | Med | Med | [06] [10] [12] [15] [20] | 1225/1575 | 10x10 1/2 HP [373] 3 Speed Motor | Low | CFM | 1210 [571] | 1193 [563] | 1175 [555] | 1155 [545] | 1125 [531] | 1075 [507] | 1015 [479] | 925 [437] |
| | | | | | | | Watts | 450 | 400 | 395 | 385 | 380 | 375 | 370 | 360 |
| | | | | | | Med | CFM | 1515 [715] | 1500 [708] | 1475 [696] | 1450 [684] | 1405 [663] | 1350 [637] | 1275 [602] | 1180 [557] |
| | | | | | | | Watts | 525 | 515 | 510 | 505 | 490 | 475 | 460 | 445 |
| | | | | | | High | CFM | 1680 [793] | 1650 [779] | 1625 [767] | 1580 [746] | 1530 [722] | 1460 [689] | 1390 [656] | 1280 [604] |
| | | | | | | | Watts | 650 | 640 | 630 | 610 | 580 | 560 | 545 | 515 |
| RLNL-A048 | Med | Med | [06] [10] [12] [15] [20] | 1400/1800 | 10x10 1/2 HP [373] 3 Speed Motor | Low | CFM | 1210 [571] | 1193 [563] | 1175 [555] | 1155 [545] | 1125 [531] | 1075 [507] | 1015 [479] | 925 [437] |
| | | | | | | | Watts | 450 | 400 | 395 | 385 | 380 | 375 | 370 | 360 |
| | | | | | | Med | CFM | 1515 [715] | 1500 [708] | 1475 [696] | 1450 [684] | 1405 [663] | 1350 [637] | 1275 [602] | 1180 [557] |
| | | | | | | | Watts | 525 | 515 | 510 | 505 | 490 | 475 | 460 | 445 |
| | | | | | | High | CFM | 1680 [793] | 1650 [779] | 1625 [767] | 1580 [746] | 1530 [722] | 1460 [689] | 1390 [656] | 1280 [604] |
| | | | | | | | Watts | 650 | 640 | 630 | 610 | 580 | 560 | 545 | 515 |
| RLNL-A060 | Med | Med | [06] [10] [12] [15] [20] | 1750/2250 | 10x10 1 HP [745] 3 Speed Motor (X-13) | Low | CFM | 1575 [743] | 1536 [725] | 1496 [706] | 1457 [688] | 1417 [669] | 1377 [650] | 1338 [631] | 1298 [613] |
| | | | | | | | Watts | 297 | 314 | 330 | 347 | 364 | 381 | 397 | 414 |
| | | | | | | Med | CFM | 1985 [937] | 1954 [922] | 1919 [906] | 1876 [885] | 1824 [861] | 1759 [830] | 1679 [792] | 1581 [746] |
| | | | | | | | Watts | 535 | 553 | 574 | 593 | 606 | 609 | 599 | 572 |
| | | | | | | High | CFM | 2431 [1147] | 2372 [1119] | 2306 [1088] | 2228 [1051] | 2138 [1009] | 2032 [959] | 1907 [900] | 1762 [832] |
| | | | | | | | Watts | 970 | 981 | 964 | 926 | 872 | 806 | 736 | 665 |

**[ ] Designates Metric Conversions**

# DIRECT-DRIVE 230 AIRFLOW PERFORMANCE

| Unit Model | Motor Speed From Factory | | Heating Input BTU/hr [kW] | Manufacturer Recommended Air-Flow Range (Min/Max) CFM | Blower Size/ Motor HP [w] # of Speeds | Motor Speed | | CFM [L/s] Air Delivery/RPM/Watts—230 Volts | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | External Static Pressure—Inches W.C. [kPa] | | | | | | | |
| | Cool | Heat | | | | | | 0.1 [.02] | 0.2 [.05] | 0.3 [.07] | 0.4 [.10] | 0.5 [.12] | 0.6 [.15] | 0.7 [.17] | 0.8 [.20] |
| RLNL-A036 | Low | Low | [06] [10] [12] [15] [20] | 1050/1350 | 10x10 1/2 HP [373] 3 Speed Motor | Low | CFM | 1400 [661] | 1375 [649] | 1360 [642] | 1335 [630] | 1305 [616] | 1255 [592] | 1210 [571] | 1100 [519] |
| | | | | | | | Watts | 470 | 460 | 455 | 450 | 440 | 435 | 425 | 410 |
| | | | | | | Med | CFM | 1685 [795] | 1620 [765] | 1580 [746] | 1550 [732] | 1500 [708] | 1430 [675] | 1350 [637] | 1230 [580] |
| | | | | | | | Watts | 635 | 600 | 580 | 570 | 550 | 535 | 505 | 475 |
| | | | | | | High | CFM | 1870 [883] | 1830 [864] | 1790 [845] | 1730 [816] | 1660 [783] | 1580 [746] | 1500 [708] | 1375 [649] |
| | | | | | | | Watts | 780 | 760 | 740 | 700 | 660 | 635 | 600 | 555 |
| RLNL-A042 | Med | Med | [06] [10] [12] [15] [20] | 1225/1575 | 10x10 1/2 HP [373] 3 Speed Motor | Low | CFM | 1400 [661] | 1375 [649] | 1360 [642] | 1335 [630] | 1305 [616] | 1255 [592] | 1210 [571] | 1100 [519] |
| | | | | | | | Watts | 470 | 460 | 455 | 450 | 440 | 435 | 425 | 410 |
| | | | | | | Med | CFM | 1685 [795] | 1620 [765] | 1580 [746] | 1550 [732] | 1500 [708] | 1430 [675] | 1350 [637] | 1230 [580] |
| | | | | | | | Watts | 635 | 600 | 580 | 570 | 550 | 535 | 505 | 475 |
| | | | | | | High | CFM | 1870 [883] | 1830 [864] | 1790 [845] | 1730 [816] | 1660 [783] | 1580 [746] | 1500 [708] | 1375 [649] |
| | | | | | | | Watts | 780 | 760 | 740 | 700 | 660 | 635 | 600 | 555 |
| RLNL-A048 | Med | Med | [06] [10] [12] [15] [20] | 1400/1800 | 10x10 1/2 HP [373] 3 Speed Motor | Low | CFM | 1400 [661] | 1375 [649] | 1360 [642] | 1335 [630] | 1305 [616] | 1255 [592] | 1210 [571] | 1100 [519] |
| | | | | | | | Watts | 470 | 460 | 455 | 450 | 440 | 435 | 425 | 410 |
| | | | | | | Med | CFM | 1685 [795] | 1620 [765] | 1580 [746] | 1550 [732] | 1500 [708] | 1430 [675] | 1350 [637] | 1230 [580] |
| | | | | | | | Watts | 635 | 600 | 580 | 570 | 550 | 535 | 505 | 475 |
| | | | | | | High | CFM | 1870 [883] | 1830 [864] | 1790 [845] | 1730 [816] | 1660 [783] | 1580 [746] | 1500 [708] | 1375 [649] |
| | | | | | | | Watts | 780 | 760 | 740 | 700 | 660 | 635 | 600 | 555 |
| RLNL-A060 | Med | Med | [06] [10] [12] [15] [20] | 1750/2250 | 10x10 1 HP [745] 3 Speed Motor (X-13) | Low | CFM | 1575 [743] | 1536 [725] | 1496 [706] | 1457 [688] | 1417 [669] | 1377 [650] | 1338 [631] | 1298 [613] |
| | | | | | | | Watts | 297 | 314 | 330 | 347 | 364 | 381 | 397 | 414 |
| | | | | | | Med | CFM | 1985 [937] | 1954 [922] | 1919 [906] | 1876 [885] | 1824 [861] | 1759 [830] | 1679 [792] | 1581 [746] |
| | | | | | | | Watts | 535 | 553 | 574 | 593 | 606 | 609 | 599 | 572 |
| | | | | | | High | CFM | 2431 [1147] | 2372 [1119] | 2306 [1088] | 2228 [1051] | 2138 [1009] | 2032 [959] | 1907 [900] | 1762 [832] |
| | | | | | | | Watts | 970 | 981 | 964 | 926 | 872 | 806 | 736 | 665 |

**[ ] Designates Metric Conversions**

# DIRECT-DRIVE 460 AIRFLOW PERFORMANCE

| Unit Model | Motor Speed From Factory | | Heating Input BTU/hr [kW] | Manufacturer Recommended Air-Flow Range (Min/Max) CFM | Blower Size/ Motor HP [w] # of Speeds | Motor Speed | | CFM [L/s] Air Delivery/RPM/Watts—460 Volts | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | External Static Pressure—Inches W.C. [kPa] | | | | | | | |
| | Cool | Heat | | | | | | 0.1 [.02] | 0.2 [.05] | 0.3 [.07] | 0.4 [.10] | 0.5 [.12] | 0.6 [.15] | 0.7 [.17] | 0.8 [.20] |
| RLNL-A036 | Low | Low | [06] [10] [12] [15] [20] | 1050/1350 | 10x10 1/2 HP [373] 3 Speed Motor (PSC) | Low | CFM | 1400 [661] | 1375 [649] | 1360 [642] | 1335 [630] | 1305 [616] | 1255 [592] | 1210 [571] | 1100 [519] |
| | | | | | | | Watts | 470 | 460 | 455 | 450 | 440 | 435 | 425 | 410 |
| | | | | | | Med | CFM | 1685 [795] | 1620 [765] | 1580 [746] | 1550 [732] | 1500 [708] | 1430 [675] | 1350 [637] | 1230 [580] |
| | | | | | | | Watts | 635 | 600 | 580 | 570 | 550 | 535 | 505 | 475 |
| | | | | | | High | CFM | 1870 [883] | 1830 [864] | 1790 [845] | 1730 [816] | 1660 [783] | 1580 [746] | 1500 [708] | 1375 [649] |
| | | | | | | | Watts | 780 | 760 | 740 | 700 | 660 | 635 | 600 | 555 |
| RLNL-A042 | Med | Med | [06] [10] [12] [15] [20] | 1225/1575 | 10x10 1/2 HP [373] 3 Speed Motor (PSC) | Low | CFM | 1400 [661] | 1375 [649] | 1360 [642] | 1335 [630] | 1305 [616] | 1255 [592] | 1210 [571] | 1100 [519] |
| | | | | | | | Watts | 470 | 460 | 455 | 450 | 440 | 435 | 425 | 410 |
| | | | | | | Med | CFM | 1685 [795] | 1620 [765] | 1580 [746] | 1550 [732] | 1500 [708] | 1430 [675] | 1350 [637] | 1230 [580] |
| | | | | | | | Watts | 635 | 600 | 580 | 570 | 550 | 535 | 505 | 475 |
| | | | | | | High | CFM | 1870 [883] | 1830 [864] | 1790 [845] | 1730 [816] | 1660 [783] | 1580 [746] | 1500 [708] | 1375 [649] |
| | | | | | | | Watts | 780 | 760 | 740 | 700 | 660 | 635 | 600 | 555 |
| RLNL-A048 | Med | Med | [06] [10] [12] [15] [20] | 1400/1800 | 10x10 1/2 HP [373] 3 Speed Motor (PSC) | Low | CFM | 1400 [661] | 1375 [649] | 1360 [642] | 1335 [630] | 1305 [616] | 1255 [592] | 1210 [571] | 1100 [519] |
| | | | | | | | Watts | 470 | 460 | 455 | 450 | 440 | 435 | 425 | 410 |
| | | | | | | Med | CFM | 1685 [795] | 1620 [765] | 1580 [746] | 1550 [732] | 1500 [708] | 1430 [675] | 1350 [637] | 1230 [580] |
| | | | | | | | Watts | 635 | 600 | 580 | 570 | 550 | 535 | 505 | 475 |
| | | | | | | High | CFM | 1870 [883] | 1830 [864] | 1790 [845] | 1730 [816] | 1660 [783] | 1580 [746] | 1500 [708] | 1375 [649] |
| | | | | | | | Watts | 780 | 760 | 740 | 700 | 660 | 635 | 600 | 555 |
| RLNL-A060 | Med | Med | [06] [10] [12] [15] [20] | 1750/2250 | 10x10 1 HP [745] 3 Speed Motor (X-13) | Low | CFM | 1575 [743] | 1536 [725] | 1496 [706] | 1457 [688] | 1417 [669] | 1377 [650] | 1338 [631] | 1298 [613] |
| | | | | | | | Watts | 297 | 314 | 330 | 347 | 364 | 381 | 397 | 414 |
| | | | | | | Med | CFM | 1985 [937] | 1954 [922] | 1919 [906] | 1876 [885] | 1824 [861] | 1759 [830] | 1679 [792] | 1581 [746] |
| | | | | | | | Watts | 535 | 553 | 574 | 593 | 606 | 609 | 599 | 572 |
| | | | | | | High | CFM | 2431 [1147] | 2372 [1119] | 2306 [1088] | 2228 [1051] | 2138 [1009] | 2032 [959] | 1907 [900] | 1762 [832] |
| | | | | | | | Watts | 970 | 981 | 964 | 926 | 872 | 806 | 736 | 665 |

**[ ] Designates Metric Conversions**

# DIRECT-DRIVE 208 AIRFLOW PERFORMANCE

| Unit Model Cooling Capacity Tons [kW] | Motor Speed from Factory | | Heating Input BTU/hr [kW] | Manufacturer Recommended Air-Flow Range (Min/Max) CFM | Blower Size/ Motor HP [w] # of Speeds | Motor Speed | | CFM [L/s] Air Delivery/RPM/Watts—208 Volts Side Discharge—Wet Coil | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | External Static Pressure—Inches W.C. [kPa] | | | | | | | |
| | Cool | Heat | | | | | | 0.1 [.02] | 0.2 [.05] | 0.3 [.07] | 0.4 [.10] | 0.5 [.12] | 0.6 [.15] | 0.7 [.17] | 0.8 [.20] |
| RLPL-A036 3.0 [10.55] | Low (Tap 2) | Low (Tap 2) | [06] [10] [12] [15] [20] | 1050/1350 | 10 x 10 1/2 HP [373] 3 Speed (X-13 Motor) | Low (Tap 2) | CFM | 1381 [652] | 1339 [632] | 1291 [609] | 1236 [583] | 1193 [563] | 1144 [540] | 1079 [509] | 1004 [474] |
| | | | | | | | RPM | 675 | 717 | 766 | 808 | 855 | 903 | 961 | 1016 |
| | | | | | | | Watts | 200 | 214 | 225 | 233 | 248 | 262 | 275 | 289 |
| | | | | | | Med. (Tap 3) | CFM | 1479 [698] | 1432 [676] | 1385 [654] | 1346 [635] | 1304 [615] | 1256 [593] | 1201 [567] | 1137 [537] |
| | | | | | | | RPM | 706 | 751 | 795 | 835 | 874 | 919 | 970 | 1024 |
| | | | | | | | Watts | 242 | 254 | 266 | 282 | 291 | 306 | 319 | 336 |
| | | | | | | High (Tap 4) | CFM | 1669 [788] | 1626 [767] | 1585 [748] | 1544 [729] | 1500 [708] | 1460 [689] | 1418 [669] | 1376 [649] |
| | | | | | | | RPM | 788 | 827 | 868 | 908 | 941 | 978 | 1015 | 1052 |
| | | | | | | | Watts | 356 | 370 | 385 | 401 | 411 | 426 | 438 | 442 |
| RLPL-A042 3.5 [12.31] | Med. (Tap 2) | Med. (Tap 2) | [06] [10] [12] [15] [20] | 1225/1575 | 10 x 10 3/4 HP [559] 4 Speed (X-13 Motor) | Low (Tap 1) | CFM | 1444 [681] | 1396 [659] | 1347 [636] | 1306 [616] | 1265 [597] | 1225 [578] | 1185 [559] | 1108 [523] |
| | | | | | | | RPM | 681 | 731 | 780 | 827 | 873 | 920 | 966 | 1038 |
| | | | | | | | Watts | 208 | 223 | 237 | 253 | 268 | 281 | 293 | 317 |
| | | | | | | Med. (Tap 2) | CFM | 1643 [775] | 1605 [757] | 1567 [740] | 1523 [719] | 1479 [698] | 1441 [680] | 1403 [662] | 1365 [644] |
| | | | | | | | RPM | 768 | 805 | 842 | 887 | 932 | 971 | 1009 | 1048 |
| | | | | | | | Watts | 304 | 319 | 333 | 350 | 366 | 381 | 395 | 410 |
| | | | | | | Med. (Tap 3) | CFM | 1643 [775] | 1605 [757] | 1567 [740] | 1523 [719] | 1479 [698] | 1441 [680] | 1403 [662] | 1365 [644] |
| | | | | | | | RPM | 768 | 805 | 842 | 887 | 932 | 971 | 1009 | 1048 |
| | | | | | | | Watts | 304 | 319 | 333 | 350 | 366 | 381 | 395 | 410 |
| | | | | | | High (Tap 4) | CFM | 1875 [885] | 1837 [867] | 1799 [849] | 1755 [828] | 1711 [808] | 1673 [790] | 1635 [772] | 1597 [754] |
| | | | | | | | RPM | 842 | 880 | 918 | 955 | 991 | 1025 | 1058 | 1092 |
| | | | | | | | Watts | 435 | 452 | 468 | 487 | 505 | 519 | 532 | 546 |
| RLPL-A048 4.0 [14.07] | Med. (Tap 2) | Med. (Tap 2) | [06] [10] [12] [15] [20] | 1400/1800 | 10 x 10 3/4 HP [559] 4 Speed (X-13 Motor) | Low (Tap 1) | CFM | 1457 [688] | 1410 [665] | 1363 [643] | 1322 [624] | 1280 [604] | 1235 [583] | 1190 [562] | 1106 [522] |
| | | | | | | | RPM | 710 | 763 | 816 | 858 | 900 | 951 | 1002 | 1061 |
| | | | | | | | Watts | 229 | 241 | 252 | 267 | 282 | 299 | 315 | 330 |
| | | | | | | Med. (Tap 2) | CFM | 1717 [810] | 1676 [791] | 1635 [772] | 1596 [753] | 1556 [734] | 1514 [715] | 1471 [694] | 1425 [673] |
| | | | | | | | RPM | 817 | 854 | 890 | 931 | 971 | 1012 | 1052 | 1092 |
| | | | | | | | Watts | 360 | 374 | 387 | 402 | 417 | 433 | 449 | 461 |
| | | | | | | Med. (Tap 3) | CFM | 1717 [810] | 1676 [791] | 1635 [772] | 1596 [753] | 1556 [734] | 1514 [715] | 1471 [694] | 1425 [673] |
| | | | | | | | RPM | 817 | 854 | 890 | 931 | 971 | 1012 | 1052 | 1092 |
| | | | | | | | Watts | 360 | 374 | 387 | 402 | 417 | 433 | 449 | 461 |
| | | | | | | High (Tap 4) | CFM | 1875 [885] | 1837 [867] | 1799 [849] | 1757 [829] | 1714 [809] | 1674 [790] | 1633 [771] | 1548 [731] |
| | | | | | | | RPM | 877 | 911 | 944 | 979 | 1014 | 1053 | 1091 | 1113 |
| | | | | | | | Watts | 458 | 473 | 488 | 503 | 517 | 534 | 550 | 535 |
| RLPL-A060 5.0 [17.59] | Med. (Tap 2) | Med. (Tap 2) | [06] [10] [12] [15] [20] | 1750/2250 | 10 x 10 1 HP [745] 3 Speed (X-13 Motor) | Low (Tap 1) | CFM | 1575 [743] | 1536 [725] | 1496 [706] | 1457 [688] | 1417 [669] | 1377 [650] | 1338 [631] | 1298 [613] |
| | | | | | | | RPM | 741 | 783 | 824 | 866 | 907 | 949 | 990 | 1032 |
| | | | | | | | Watts | 297 | 314 | 330 | 347 | 364 | 381 | 397 | 414 |
| | | | | | | Med. (Tap 2) | CFM | 1985 [937] | 1954 [922] | 1919 [906] | 1876 [885] | 1824 [861] | 1759 [830] | 1679 [792] | 1581 [746] |
| | | | | | | | RPM | 902 | 942 | 979 | 1013 | 1040 | 1071 | 1096 | 1119 |
| | | | | | | | Watts | 535 | 553 | 574 | 593 | 606 | 609 | 599 | 572 |
| | | | | | | High (Tap 3) | CFM | 2431 [1147] | 2372 [1119] | 2306 [1088] | 2228 [1051] | 2138 [1009] | 2032 [959] | 1907 [900] | 1762 [832] |
| | | | | | | | RPM | 1076 | 1089 | 1102 | 1114 | 1125 | 1133 | 1142 | 1151 |
| | | | | | | | Watts | 970 | 981 | 964 | 926 | 872 | 806 | 736 | 665 |

**[ ] Designates Metric Conversions**

# DIRECT-DRIVE 230/460 AIRFLOW PERFORMANCE

| Unit Model Cooling Capacity Tons [kW] | Motor Speed from Factory | | Heating Input BTU/hr [kW] | Manufacturer Recommended Air-Flow Range (Min/Max) CFM | Blower Size/ Motor HP [w] # of Speeds | Motor Speed | | CFM [L/s] Air Delivery/RPM/Watts—230/460 Volts Side Discharge—Wet Coil | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | External Static Pressure—Inches W.C. [kPa] | | | | | | | |
| | Cool | Heat | | | | | | 0.1 [.02] | 0.2 [.05] | 0.3 [.07] | 0.4 [.10] | 0.5 [.12] | 0.6 [.15] | 0.7 [.17] | 0.8 [.20] |
| RLPL-A036 3.0 [10.55] | Low (Tap 2) | Low (Tap 2) | [06] [10] [12] [15] [20] | 1050/1350 | 10 x 10 1/2 HP [373] 3 Speed (X-13 Motor) | Low (Tap 2) | CFM | 1381 [652] | 1339 [632] | 1291 [609] | 1236 [583] | 1193 [563] | 1144 [540] | 1079 [509] | 1004 [474] |
| | | | | | | | RPM | 675 | 717 | 766 | 808 | 855 | 903 | 961 | 1016 |
| | | | | | | | Watts | 200 | 214 | 225 | 233 | 248 | 262 | 275 | 289 |
| | | | | | | Med. (Tap 3) | CFM | 1479 [698] | 1432 [676] | 1385 [654] | 1346 [635] | 1304 [615] | 1256 [593] | 1201 [567] | 1137 [537] |
| | | | | | | | RPM | 706 | 751 | 795 | 835 | 874 | 919 | 970 | 1024 |
| | | | | | | | Watts | 242 | 254 | 266 | 282 | 291 | 306 | 319 | 336 |
| | | | | | | High (Tap 4) | CFM | 1669 [788] | 1626 [767] | 1585 [748] | 1544 [729] | 1500 [708] | 1460 [689] | 1418 [669] | 1376 [649] |
| | | | | | | | RPM | 788 | 827 | 868 | 908 | 941 | 978 | 1015 | 1052 |
| | | | | | | | Watts | 356 | 370 | 385 | 401 | 411 | 426 | 438 | 442 |
| RLPL-A042 3.5 [12.31] | Med. (Tap 2) | Med. (Tap 2) | [06] [10] [12] [15] [20] | 1225/1575 | 10 x 10 3/4 HP [559] 4 Speed (X-13 Motor) | Low (Tap 1) | CFM | 1444 [681] | 1396 [659] | 1347 [636] | 1306 [616] | 1265 [597] | 1225 [578] | 1185 [559] | 1108 [523] |
| | | | | | | | RPM | 681 | 731 | 780 | 827 | 873 | 920 | 966 | 1038 |
| | | | | | | | Watts | 208 | 223 | 237 | 253 | 268 | 281 | 293 | 317 |
| | | | | | | Med. (Tap 2) | CFM | 1643 [775] | 1605 [757] | 1567 [740] | 1523 [719] | 1479 [698] | 1441 [680] | 1403 [662] | 1365 [644] |
| | | | | | | | RPM | 768 | 805 | 842 | 887 | 932 | 971 | 1009 | 1048 |
| | | | | | | | Watts | 304 | 319 | 333 | 350 | 366 | 381 | 395 | 410 |
| | | | | | | Med. (Tap 3) | CFM | 1643 [775] | 1605 [757] | 1567 [740] | 1523 [719] | 1479 [698] | 1441 [680] | 1403 [662] | 1365 [644] |
| | | | | | | | RPM | 768 | 805 | 842 | 887 | 932 | 971 | 1009 | 1048 |
| | | | | | | | Watts | 304 | 319 | 333 | 350 | 366 | 381 | 395 | 410 |
| | | | | | | High (Tap 4) | CFM | 1875 [885] | 1837 [867] | 1799 [849] | 1755 [828] | 1711 [808] | 1673 [790] | 1635 [772] | 1597 [754] |
| | | | | | | | RPM | 842 | 880 | 918 | 955 | 991 | 1025 | 1058 | 1092 |
| | | | | | | | Watts | 435 | 452 | 468 | 487 | 505 | 519 | 532 | 546 |
| RLPL-A048 4.0 [14.07] | Med. (Tap 2) | Med. (Tap 2) | [06] [10] [12] [15] [20] | 1400/1800 | 10 x 10 3/4 HP [559] 4 Speed (X-13 Motor) | Low (Tap 1) | CFM | 1457 [688] | 1410 [665] | 1363 [643] | 1322 [624] | 1280 [604] | 1235 [583] | 1190 [562] | 1106 [522] |
| | | | | | | | RPM | 710 | 763 | 816 | 858 | 900 | 951 | 1002 | 1061 |
| | | | | | | | Watts | 229 | 241 | 252 | 267 | 282 | 299 | 315 | 330 |
| | | | | | | Med. (Tap 2) | CFM | 1717 [810] | 1676 [791] | 1635 [772] | 1596 [753] | 1556 [734] | 1514 [715] | 1471 [694] | 1425 [673] |
| | | | | | | | RPM | 817 | 854 | 890 | 931 | 971 | 1012 | 1052 | 1092 |
| | | | | | | | Watts | 360 | 374 | 387 | 402 | 417 | 433 | 449 | 461 |
| | | | | | | Med.. (Tap 3) | CFM | 1717 [810] | 1676 [791] | 1635 [772] | 1596 [753] | 1556 [734] | 1514 [715] | 1471 [694] | 1425 [673] |
| | | | | | | | RPM | 817 | 854 | 890 | 931 | 971 | 1012 | 1052 | 1092 |
| | | | | | | | Watts | 360 | 374 | 387 | 402 | 417 | 433 | 449 | 461 |
| | | | | | | High (Tap 4) | CFM | 1875 [885] | 1837 [867] | 1799 [849] | 1757 [829] | 1714 [809] | 1674 [790] | 1633 [771] | 1548 [731] |
| | | | | | | | RPM | 877 | 911 | 944 | 979 | 1014 | 1053 | 1091 | 1113 |
| | | | | | | | Watts | 458 | 473 | 488 | 503 | 517 | 534 | 550 | 535 |
| RLPL-A060 5.0 [17.59] | Med. (Tap 2) | Med. (Tap 2) | [06] [10] [12] [15] [20] | 1750/2250 | 10 x 10 1 HP [745] 3 Speed (X-13 Motor) | Low (Tap 1) | CFM | 1575 [743] | 1536 [725] | 1496 [706] | 1457 [688] | 1417 [669] | 1377 [650] | 1338 [631] | 1298 [613] |
| | | | | | | | RPM | 741 | 783 | 824 | 866 | 907 | 949 | 990 | 1032 |
| | | | | | | | Watts | 297 | 314 | 330 | 347 | 364 | 381 | 397 | 414 |
| | | | | | | Med. (Tap 2) | CFM | 1985 [937] | 1954 [922] | 1919 [906] | 1876 [885] | 1824 [861] | 1759 [830] | 1679 [792] | 1581 [746] |
| | | | | | | | RPM | 902 | 942 | 979 | 1013 | 1040 | 1071 | 1096 | 1119 |
| | | | | | | | Watts | 535 | 553 | 574 | 593 | 606 | 609 | 599 | 572 |
| | | | | | | High (Tap 3) | CFM | 2431 [1147] | 2372 [1119] | 2306 [1088] | 2228 [1051] | 2138 [1009] | 2032 [959] | 1907 [900] | 1762 [832] |
| | | | | | | | RPM | 1076 | 1089 | 1102 | 1114 | 1125 | 1133 | 1142 | 1151 |
| | | | | | | | Watts | 970 | 981 | 964 | 926 | 872 | 806 | 736 | 665 |

**[ ] Designates Metric Conversions**

# BELT-DRIVE AIRFLOW PERFORMANCE RLNL/RLPL-

| Air Flow CFM [L/s] | Capacity 3 & 3.5 Ton [10.55 & 12.31 kW] Packaged Air Conditioner (13 & 14 SEER) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 PH—208-230/460 Volt—External Static Pressure—Inches of Water [kPa] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.1 [.02] | | 0.2 [.05] | | 0.3 [.07] | | 0.4 [.10] | | 0.5 [.12] | | 0.6 [.15] | | 0.7 [.17] | | 0.8 [.20] | | 0.9 [.22] | | 1.0 [.25] | | 1.1 [.27] | | 1.2 [.30] | | 1.3 [.32] | | 1.4 [.35] | | 1.5 [.37] | |
| | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W |
| 900 [425] | — | — | — | — | 665 | 290 | 730 | 300 | 780 | 315 | 830 | 330 | 875 | 360 | 920 | 375 | 960 | 390 | 990 | 410 | 1040 | 445 | 1080 | 470 | 1140 | 510 | 1190 | 540 | 1235 | 590 |
| 1000 [472] | — | — | 625 | 275 | 680 | 295 | 750 | 310 | 805 | 325 | 850 | 345 | 895 | 375 | 935 | 390 | 970 | 410 | 1015 | 435 | 1065 | 465 | 1100 | 500 | 1160 | 530 | 1210 | 560 | 1255 | 610 |
| 1100 [519] | — | — | 640 | 300 | 710 | 315 | 780 | 325 | 830 | 340 | 875 | 365 | 915 | 390 | 955 | 405 | 990 | 430 | 1040 | 450 | 1080 | 485 | 1115 | 540 | 1180 | 540 | 1230 | 600 | 1270 | 630 |
| 1200 [566] | — | — | 670 | 315 | 735 | 330 | 800 | 345 | 850 | 365 | 890 | 385 | 935 | 410 | 975 | 430 | 1010 | 450 | 1060 | 475 | 1100 | 520 | 1145 | 560 | 1200 | 600 | 1250 | 630 | 1285 | 660 |
| 1300 [614] | 625 | 315 | 700 | 330 | 770 | 350 | 830 | 370 | 875 | 400 | 915 | 415 | 955 | 440 | 990 | 450 | 1040 | 495 | 1085 | 530 | 1125 | 565 | 1165 | 590 | 1220 | 645 | 1260 | 675 | 1305 | 710 |
| 1400 [661] | 655 | 340 | 730 | 365 | 795 | 385 | 850 | 400 | 890 | 430 | 935 | 445 | 975 | 470 | 1010 | 500 | 1070 | 540 | 1110 | 575 | 1150 | 615 | 1195 | 645 | 1230 | 685 | 1280 | 725 | 1325 | 760 |
| 1500 [708] | 685 | 380 | 755 | 390 | 825 | 415 | 870 | 435 | 915 | 450 | 955 | 480 | 990 | 505 | 1040 | 545 | 1090 | 590 | 1135 | 630 | 1180 | 660 | 1220 | 720 | 1255 | 740 | 1295 | 785 | 1350 | 820 |
| 1600 [755] | 730 | 420 | 790 | 435 | 850 | 455 | 890 | 490 | 935 | 505 | 970 | 525 | 1005 | 550 | 1075 | 605 | 1110 | 640 | 1160 | 680 | 1200 | 730 | 1245 | 780 | 1280 | 800 | 1325 | 840 | 1365 | 885 |
| 1700 [802] | 755 | 465 | 825 | 475 | 875 | 505 | 915 | 535 | 955 | 550 | 985 | 570 | 1040 | 630 | 1100 | 685 | 1135 | 710 | 1185 | 750 | 1225 | 800 | 1265 | 830 | 1295 | 875 | 1350 | 910 | — | — |
| 1800 [850] | 790 | 500 | 850 | 530 | 890 | 550 | 935 | 570 | 975 | 600 | 1020 | 650 | 1080 | 690 | 1125 | 740 | 1165 | 770 | 1210 | 830 | 1245 | 870 | 1290 | 910 | 1310 | 930 | — | — | — | — |

Bold lines separate L, M and N drives respectively.

| Drive Package | L | | | | | | | M | | | | | | | N (Field-Supplied) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Motor H.P. [w] | 1/2 [373] | | | | | | | 3/4 [559] | | | | | | | 3/4 [559] |
| Blower Sheave | 6.9 Pitch Diameter | | | | | | | 6.4 Pitch Diameter | | | | | | | 6.4 Pitch Diameter |
| Motor Sheave | Adjustable 2.4-3.4 Pitch Diameter | | | | | | | Adjustable 3.4-4.4 Pitch Diameter | | | | | | | Adjustable 4.0-5.0 Pitch Diameter |
| Turns Open | 0 | **1** | 2 | 3 | 4 | 5 | 6 | 0 | 1 | 2 | 3 | **4** | 5 | 6 | |
| RPM | 935 | **875** | 830 | 780 | 730 | 680 | 625 | 1295 | 1230 | 1185 | 1135 | **1085** | 1000 | 955 | RPM Range 1090-1365 |

**NOTES:**

1. Performance shown with dry coil & standard 2" [50.8 mm] filters.
2. Standard CFM @ .075 lbs./cu. ft.
3. Motor efficiency = 80%
4. BHP = $\frac{\text{Watts x Motor Eff.}}{746}$
5. Add component resistance to duct static to determine E.S.P. as shown on charts.

| Air Flow CFM [L/s] | Capacity 4 Ton [14.06 kW]—Packaged Air Conditioner (13 & 14 SEER) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 PH—208-230/460 Volt—External Static Pressure—Inches of Water [kPa] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.1 [.02] | | 0.2 [.05] | | 0.3 [.07] | | 0.4 [.10] | | 0.5 [.12] | | 0.6 [.15] | | 0.7 [.17] | | 0.8 [.20] | | 0.9 [.22] | | 1.0 [.25] | | 1.1 [.27] | | 1.2 [.30] | | 1.3 [.32] | | 1.4 [.35] | | 1.5 [.37] | |
| | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W |
| 1200 [566] | — | — | — | — | 745 | 340 | 810 | 375 | 865 | 390 | 900 | 400 | 945 | 420 | 1000 | 440 | 1040 | 460 | 1075 | 490 | 1115 | 540 | 1170 | 580 | 1215 | 620 | 1260 | 650 | 1300 | 685 |
| 1300 [614] | — | — | 695 | 330 | 770 | 365 | 835 | 395 | 880 | 415 | 920 | 435 | 975 | 455 | 1010 | 470 | 1060 | 490 | 1100 | 530 | 1140 | 570 | 1190 | 600 | 1235 | 640 | 1270 | 685 | 1315 | 740 |
| 1400 [661] | — | — | 725 | 350 | 795 | 395 | 855 | 420 | 895 | 435 | 945 | 455 | 995 | 470 | 1030 | 500 | 1070 | 520 | 1115 | 560 | 1160 | 600 | 1205 | 640 | 1250 | 685 | 1290 | 745 | 1335 | 810 |
| 1500 [708] | 690 | 360 | 750 | 390 | 820 | 425 | 875 | 450 | 920 | 465 | 970 | 480 | 1010 | 500 | 1055 | 560 | 1100 | 580 | 1140 | 630 | 1180 | 660 | 1230 | 700 | 1270 | 760 | 1315 | 815 | 1350 | 865 |
| 1600 [755] | 720 | 390 | 780 | 430 | 850 | 460 | 895 | 480 | 945 | 500 | 990 | 530 | 1035 | 565 | 1075 | 590 | 1115 | 635 | 1160 | 680 | 1205 | 725 | 1250 | 770 | 1290 | 830 | 1335 | 890 | 1365 | 935 |
| 1700 [802] | 750 | 430 | 810 | 465 | 870 | 485 | 920 | 500 | 970 | 530 | 1015 | 570 | 1055 | 600 | 1090 | 645 | 1140 | 695 | 1180 | 735 | 1225 | 790 | 1270 | 845 | 1315 | 910 | 1350 | 960 | — | — |
| 1800 [850] | 780 | 475 | 840 | 515 | 895 | 540 | 945 | 555 | 990 | 600 | 1035 | 625 | 1080 | 660 | 1115 | 710 | 1155 | 740 | 1205 | 800 | 1250 | 860 | 1295 | 930 | 1340 | 995 | 1365 | 1030 | — | — |
| 1900 [897] | 820 | 520 | 870 | 560 | 925 | 580 | 970 | 600 | 1015 | 640 | 1060 | 690 | 1115 | 750 | 1145 | 790 | 1185 | 835 | 1225 | 880 | 1275 | 900 | 1315 | 1010 | 1355 | 1060 | — | — | — | — |
| 2000 [944] | 850 | 585 | 900 | 610 | 950 | 630 | 1000 | 665 | 1045 | 715 | 1090 | 760 | 1130 | 810 | 1170 | 865 | 1205 | 900 | 1255 | 965 | 1300 | 1050 | 1340 | 1100 | 1365 | 1140 | — | — | — | — |

Bold lines separate L, M and N drives respectively.

| Drive Package | L | | | | | | | M | | | | | | | N (Field-Supplied) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Motor H.P. [w] | 1/2 [373] | | | | | | | 3/4 [559] | | | | | | | 3/4 [559] |
| Blower Sheave | 6.9 Pitch Diameter | | | | | | | 6.4 Pitch Diameter | | | | | | | 6.4 Pitch Diameter |
| Motor Sheave | Adjustable 2.8-3.8 Pitch Diameter | | | | | | | Adjustable 3.4-4.4 Pitch Diameter | | | | | | | Adjustable 4.0-5.0 Pitch Diameter |
| Turns Open | 0 | **1** | 2 | 3 | 4 | 5 | 6 | 0 | 1 | **2** | 3 | 4 | 5 | 6 | |
| RPM | 990 | **945** | 895 | 600 | 800 | 750 | 695 | 1270 | 1225 | **1170** | 1115 | 1065 | 1015 | 965 | RPM Range 1090-1365 |

Factory sheave settings are shown in bold print.

**NOTES:**

1. Performance shown with dry coil & standard 2" [50.8 mm] filters.
2. Standard CFM @ .075 lbs./cu. ft.
3. Motor efficiency = 80%
4. BHP = $\frac{\text{Watts x Motor Eff.}}{746}$
5. Add component resistance to duct static to determine E.S.P. as shown on charts.

**[ ] Designates Metric Conversions**

# BELT-DRIVE AIRFLOW PERFORMANCE—5 TON [17.58 kW] 13 SEER 3 PHASE MODELS

| Air Flow CFM [L/s] | Capacity 5 Ton [17.58 kW]—Package Air Conditioner (13 SEER) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 PH—208-230/460 Volt—External Static Pressure—Inches of Water [kPa] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.1 [.02] | | 0.2 [.05] | | 0.3 [.07] | | 0.4 [.10] | | 0.5 [.12] | | 0.6 [.15] | | 0.7 [.17] | | 0.8 [.20] | | 0.9 [.22] | | 1.0 [.25] | | 1.1 [.27] | | 1.2 [.30] | | 1.3 [.32] | | 1.4 [.35] | | 1.5 [.37] | |
| | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W |
| 1400 [661] | — | — | — | — | 780 | 370 | 815 | 385 | 875 | 425 | 930 | 460 | 970 | 490 | 1030 | 540 | 1065 | 570 | 1105 | 595 | 1150 | 615 | 1195 | 645 | 1235 | 660 | 1300 | 705 | 1340 | 745 |
| 1500 [708] | — | — | — | — | 795 | 405 | 840 | 415 | 895 | 440 | 945 | 500 | 995 | 540 | 1045 | 595 | 1080 | 615 | 1135 | 650 | 1165 | 675 | 1215 | 700 | 1255 | 735 | 1320 | 775 | 1355 | 805 |
| 1600 [755] | — | — | 780 | 390 | 805 | 425 | 870 | 470 | 915 | 510 | 965 | 560 | 1015 | 600 | 1060 | 640 | 1105 | 680 | 1145 | 705 | 1180 | 730 | 1225 | 750 | 1275 | 790 | 1340 | 840 | 1365 | 880 |
| 1700 [802] | — | — | 795 | 450 | 840 | 490 | 895 | 530 | 940 | 570 | 990 | 605 | 1035 | 640 | 1075 | 680 | 1120 | 725 | 1160 | 755 | 1200 | 790 | 1245 | 815 | 1300 | 855 | 1355 | 905 | 1375 | 940 |
| 1800 [850] | 780 | 455 | 815 | 470 | 870 | 540 | 915 | 540 | 965 | 675 | 1010 | 660 | 1055 | 710 | 1100 | 760 | 1140 | 785 | 1175 | 810 | 1225 | 850 | 1260 | 880 | 1320 | 930 | 1365 | 985 | 1390 | 1020 |
| 1900 [897] | 800 | 485 | 850 | 530 | 895 | 590 | 945 | 640 | 995 | 675 | 1035 | 720 | 1070 | 775 | 1120 | 810 | 1160 | 850 | 1200 | 890 | 1245 | 915 | 1290 | 960 | 1335 | 1000 | 1375 | 1050 | 1405 | 1100 |
| 2000 [944] | 830 | 550 | 880 | 605 | 930 | 655 | 970 | 700 | 1015 | 730 | 1055 | 790 | 1105 | 830 | 1145 | 875 | 1180 | 910 | 1225 | 950 | 1260 | 980 | 1320 | 1035 | 1350 | 1075 | 1385 | 1120 | — | — |
| 2100 [991] | 860 | 615 | 915 | 655 | 955 | 705 | 1005 | 760 | 1040 | 820 | 1090 | 870 | 1130 | 910 | 1170 | 950 | 1210 | 995 | 1250 | 1020 | 1290 | 1060 | 1335 | 1100 | 1370 | 1150 | 1400 | 1200 | — | — |
| 2200 [1038] | 895 | 680 | 945 | 735 | 995 | 780 | 1030 | 830 | 1060 | 880 | 1120 | 940 | 1155 | 980 | 1195 | 1020 | 1240 | 1055 | 1275 | 1100 | 1320 | 1140 | 1360 | 1180 | 1385 | 1225 | — | — | — | — |
| 2300 [1085] | 940 | 755 | 975 | 795 | 1015 | 830 | 1065 | 910 | 1100 | 965 | 1150 | 1025 | 1180 | 1050 | 1225 | 1095 | 1265 | 1125 | 1310 | 1175 | 1350 | 1230 | 1375 | 1260 | 1405 | 1320 | — | — | — | — |
| 2400 [1133] | 970 | 825 | 1015 | 880 | 1040 | 925 | 1100 | 1005 | 1145 | 1055 | 1175 | 1085 | 1225 | 1140 | 1260 | 1175 | 1300 | 1210 | 1340 | 1255 | 1370 | 1315 | 1400 | 1375 | — | — | — | — | — | — |

NOTE: L-Drive left of bold line, M-Drive right of bold line.

| Drive Package | L | | | | | | M | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Motor H.P. [w] | 3/4 [559] | | | | | | 1 [746] | | | | | |
| Blower Sheave | 6.9 Pitch Diameter | | | | | | 6.9 Pitch Diameter | | | | | |
| Motor Sheave | Adjustable 2.8-3.8 Pitch Diameter | | | | | | Adjustable 4.0-5.0 Pitch Diameter | | | | | |
| Turns Open | 0 | 1 | **2** | 3 | 4 | 5 | 0 | 1 | 2 | **3** | 4 | 5 |
| RPM | 1007 | 963 | **922** | 880 | 833 | 785 | 1272 | 1242 | 1210 | **1172** | 1130 | 1089 |

Factory sheave settings are shown in bold print.

# COMPONENT AIR RESISTANCE

| Component | Standard Indoor Airflow—CFM [L/s] | | | | | |
|---|---|---|---|---|---|---|
| | 2200 [944] | 2400 [1133] | 2600 [1227] | 2800 [1321] | 3200 [1510] | 3400 [1605] |
| | Resistance—Inches Water [kPa] | | | | | |
| Wet Coil | .079 | .090 | .102 | .118 | .128 | .135 |
| Downflow | .061 | .079 | .089 | .100 | .108 | .112 |
| R.S.I. Economizer R.A. Damper | .09 | .10 | .11 | .12 | .13 | .15 |

**NOTES:**

1. Performance shown with dry coil & standard 2" [50.8 mm] filters.
2. Standard CFM @ .075 lbs./cu. ft.
3. Motor efficiency = 80%
4. BHP = $\frac{\text{Watts x Motor Eff.}}{746}$
5. Add component resistance to duct static to determine E.S.P. as shown on charts.

**[ ] Designates Metric Conversions**

# BELT-DRIVE AIRFLOW PERFORMANCE—5 TON [17.58 kW] 14 SEER 3 PHASE MODELS

| Air Flow CFM [L/s] | Capacity 5 Ton [17.6 kW]—Package Air Conditioner (14 SEER) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 PH—208-230/460 Volt—External Static Pressure—Inches of Water [kPa] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.1 [.02] | | 0.2 [.05] | | 0.3 [.07] | | 0.4 [.10] | | 0.5 [.12] | | 0.6 [.15] | | 0.7 [.17] | | 0.8 [.20] | | 0.9 [.22] | | 1.0 [.25] | | 1.1 [.27] | | 1.2 [.30] | | 1.3 [.32] | | 1.4 [.35] | | 1.5 [.37] | |
| | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W |
| 1400 [661] | — | — | — | — | — | — | 794 | 395 | 835 | 433 | 877 | 467 | 918 | 499 | 962 | 528 | 1011 | 556 | 1085 | 610 | 1118 | 668 | 1152 | 723 | 1187 | 776 | 1220 | 827 | 1250 | 876 |
| 1500 [708] | — | — | — | — | — | — | 810 | 440 | 851 | 478 | 892 | 512 | 934 | 544 | 978 | 573 | 1026 | 601 | 1087 | 666 | 1120 | 724 | 1154 | 779 | 1189 | 832 | 1222 | 883 | 1252 | 932 |
| 1600 [755] | — | — | — | — | 789 | 446 | 830 | 489 | 871 | 527 | 913 | 562 | 954 | 593 | 998 | 623 | 1059 | 668 | 1090 | 729 | 1123 | 786 | 1158 | 842 | 1193 | 894 | 1226 | 945 | 1255 | 995 |
| 1700 [802] | — | — | — | — | 813 | 501 | 854 | 544 | 896 | 582 | 937 | 616 | 979 | 648 | 1023 | 677 | 1065 | 736 | 1096 | 797 | 1129 | 855 | 1164 | 910 | 1199 | 963 | 1232 | 1014 | 1262 | 1063 |
| 1800 [850] | — | — | 799 | 470 | 840 | 560 | 882 | 604 | 923 | 642 | 964 | 676 | 1006 | 708 | 1044 | 747 | 1074 | 811 | 1105 | 872 | 1139 | 930 | 1173 | 985 | 1208 | 1038 | 1241 | 1089 | 1271 | 1138 |
| 1900 [897] | 788 | 507 | 828 | 574 | 869 | 625 | 910 | 668 | 952 | 706 | 993 | 741 | 1035 | 772 | 1057 | 828 | 1087 | 892 | 1118 | 953 | 1151 | 1011 | 1186 | 1066 | 1221 | 1119 | 1254 | 1170 | 1283 | 1219 |
| 2000 [944] | 817 | 578 | 857 | 644 | 898 | 695 | 939 | 739 | 981 | 777 | 1022 | 811 | 1044 | 848 | 1073 | 916 | 1103 | 980 | 1134 | 1041 | 1168 | 1099 | 1202 | 1154 | 1237 | 1207 | 1270 | 1258 | 1300 | 1307 |
| 2100 [991] | 845 | 653 | 885 | 720 | 927 | 771 | 968 | 814 | 1009 | 852 | 1035 | 869 | 1064 | 943 | 1093 | 1011 | 1123 | 1075 | 1154 | 1136 | 1187 | 1194 | 1222 | 1249 | 1256 | 1302 | 1290 | 1353 | — | — |
| 2200 [1038] | 873 | 734 | 913 | 801 | 955 | 852 | 996 | 896 | 1037 | 934 | 1057 | 971 | 1086 | 1044 | 1115 | 1113 | 1145 | 1177 | 1176 | 1238 | 1210 | 1295 | 1244 | 1350 | 1279 | 1403 | — | — | — | — |
| 2300 [1085] | 902 | 821 | 942 | 888 | 983 | 939 | 1024 | 983 | 1049 | 1000 | 1081 | 1080 | 1111 | 1153 | 1140 | 1222 | 1169 | 1286 | 1201 | 1347 | 1234 | 1404 | 1269 | 1459 | — | — | — | — | — | — |
| 2400 [1133] | 933 | 914 | 973 | 981 | 1014 | 1032 | 1036 | 1028 | 1075 | 1116 | 1107 | 1196 | 1137 | 1270 | 1165 | 1338 | 1195 | 1402 | 1227 | 1463 | — | — | — | — | — | — | — | — | — | — |
| 2500 [1180] | 970 | 1013 | 1010 | 1080 | 1035 | 1052 | 1062 | 1152 | 1101 | 1240 | 1133 | 1320 | 1163 | 1393 | 1191 | 1462 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

NOTE: L-Drive left of bold line, M-Drive right of bold line.

| Drive Package | L | | | | | | M | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Motor H.P. [w] | 3/4 [559] | | | | | | 1 [746] | | | | | |
| Blower Sheave | 6.9 Pitch Diameter | | | | | | 6.9 Pitch Diameter | | | | | |
| Motor Sheave | Adjustable 2.8-3.8 Pitch Diameter | | | | | | Adjustable 4.0-5.0 Pitch Diameter | | | | | |
| Turns Open | 0 | 1 | **2** | 3 | 4 | 5 | 0 | 1 | 2 | **3** | 4 | 5 |
| RPM | 1007 | 963 | **922** | 880 | 833 | 785 | 1272 | 1242 | 1210 | **1172** | 1130 | 1089 |

Factory sheave settings are shown in bold print.

# COMPONENT AIR RESISTANCE

| Component | Standard Indoor Airflow—CFM [L/s] | | | | | |
|---|---|---|---|---|---|---|
| | 2200 [944] | 2400 [1133] | 2600 [1227] | 2800 [1321] | 3200 [1510] | 3400 [1605] |
| | Resistance—Inches Water [kPa] | | | | | |
| Wet Coil | .079 | .090 | .102 | .118 | .128 | .135 |
| Downflow | .061 | .079 | .089 | .100 | .108 | .112 |
| R.S.I. Economizer R.A. Damper | .09 | .10 | .11 | .12 | .13 | .15 |

**NOTES:**

1. Performance shown with dry coil & standard 2" [50.8 mm] filters.
2. Standard CFM @ .075 lbs./cu. ft.
3. Motor efficiency = 80%
4. BHP = $\frac{\text{Watts x Motor Eff.}}{746}$
5. Add component resistance to duct static to determine E.S.P. as shown on charts.

**[ ] Designates Metric Conversions**

## ELECTRICAL DATA – RLNL SERIES

| | | -A036CK | -A036CL | -A036CM | -A036DK | -A036DL | -A036DM | -A036JK | -A036YL | -A036YM | -A042CK | -A042CL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Information | Unit Operating Voltage Range | 187-253 | 187-253 | 187-253 | 414-506 | 414-506 | 414-506 | 187-253 | 517-633 | 517-633 | 187-253 | 187-253 |
| | Minimum Circuit Ampacity | 19/19 | 18/18 | 18/18 | 11 | 10 | 10 | 27/27 | 7 | 7 | 23/23 | 22/22 |
| | Minimum Overcurrent Protection Device Size | 25/25 | 20/20 | 25/25 | 15 | 15 | 15 | 35/35 | 15 | 15 | 30/30 | 25/25 |
| | Maximum Overcurrent Protection Device Size | 25/25 | 25/25 | 25/25 | 15 | 15 | 15 | 40/40 | 15 | 15 | 35/35 | 30/30 |
| Compressor Motor | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 | 575 | 575 | 208/230 | 208/230 |
| | Phase | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 |
| | HP | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 1/2 | 3 1/2 |
| | RPM | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 |
| | Amps (RLA) | 10.4/10.4 | 10.4/10.4 | 10.4/10.4 | 5.8 | 5.8 | 5.8 | 16.7/16.7 | 3.8 | 3.8 | 13.5/13.5 | 13.5/13.5 |
| | Amps (LRA) | 88/88 | 88/88 | 88/88 | 38 | 38 | 38 | 79/79 | 36.5 | 36.5 | 88/88 | 88/88 |
| Condenser Motor | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 | 575 | 575 | 208/230 | 208/230 |
| | Phase | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | HP | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 |
| | Amps (FLA) | 1.5 | 1.5 | 1.5 | 1 | 1 | 1 | 1.5 | 0.8 | 0.8 | 1.5 | 1.5 |
| | Amps (LRA) | 3 | 3 | 3 | 1.9 | 1.9 | 1.9 | 3 | 1.9 | 1.9 | 3 | 3 |
| Evaporator Fan | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 | 575 | 575 | 208/230 | 208/230 |
| | Phase | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 |
| | HP | 1/2 | 1/2 | 3/4 | 1/2 | 1/2 | 3/4 | 1/2 | 3/4 | 3/4 | 1/2 | 1/2 |
| | Amps (FLA) | 4 | 2.8 | 3.4 | 2 | 1.4 | 1.6 | 4 | 1.3 | 1.3 | 4 | 2.8 |
| | Amps (LRA) | 6.7 | 11.3 | 16.8 | 3.6 | 6.2 | 8.4 | 6.7 | 6 | 6 | 6.7 | 11.3 |

1. Horsepower Per Compressor.
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

## ELECTRICAL DATA – RLNL SERIES

| | | -A042CM | -A042DK | -A042DL | -A042DM | -A042JK | -A048CK | -A048CL | -A048CM | -A048DK | -A048DL | -A048DM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Information | Unit Operating Voltage Range | 187-253 | 414-506 | 414-506 | 414-506 | 187-253 | 187-253 | 187-253 | 187-253 | 414-506 | 414-506 | 414-506 |
| | Minimum Circuit Ampacity | 22/22 | 11 | 10 | 11 | 28/28 | 23/23 | 22/22 | 23/23 | 11 | 11 | 11 |
| | Minimum Overcurrent Protection Device Size | 30/30 | 15 | 15 | 15 | 35/35 | 30/30 | 25/25 | 30/30 | 15 | 15 | 15 |
| | Maximum Overcurrent Protection Device Size | 35/35 | 15 | 15 | 15 | 45/45 | 35/35 | 35/35 | 35/35 | 15 | 15 | 15 |
| Compressor Motor | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 460 | 460 | 460 | 208/230 | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 |
| | Phase | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 |
| | HP | 3 1/2 | 3 1/2 | 3 1/2 | 3 1/2 | 3 1/2 | 4 | 4 | 4 | 4 | 4 | 4 |
| | RPM | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 |
| | Amps (RLA) | 13.5/13.5 | 6 | 6 | 6 | 17.9/17.9 | 13.7/13.7 | 13.7/13.7 | 13.7/13.7 | 6.2 | 6.2 | 6.2 |
| | Amps (LRA) | 88/88 | 44 | 44 | 44 | 112/112 | 83.1/83.1 | 83.1/83.1 | 83.1/83.1 | 41 | 41 | 41 |
| Condenser Motor | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 460 | 460 | 460 | 208/230 | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 |
| | Phase | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | HP | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 |
| | Amps (FLA) | 1.5 | 1 | 1 | 1 | 1.5 | 1.5 | 1.5 | 1.5 | 1 | 1 | 1 |
| | Amps (LRA) | 3 | 1.9 | 1.9 | 1.9 | 3 | 3 | 3 | 3 | 1.9 | 1.9 | 1.9 |
| Evaporator Fan | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 460 | 460 | 460 | 208/230 | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 |
| | Phase | 3 | 1 | 3 | 3 | 1 | 1 | 3 | 3 | 1 | 3 | 3 |
| | HP | 3/4 | 1/2 | 1/2 | 3/4 | 1/2 | 1/2 | 1/2 | 3/4 | 1/2 | 1/2 | 3/4 |
| | Amps (FLA) | 3.4 | 2 | 1.4 | 1.6 | 4 | 4 | 2.8 | 3.4 | 2 | 1.4 | 1.6 |
| | Amps (LRA) | 16.8 | 3.6 | 6.2 | 8.4 | 6.7 | 6.7 | 11.3 | 16.8 | 3.6 | 6.2 | 8.4 |

1. Horsepower Per Compressor.
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

## ELECTRICAL DATA – RLNL SERIES

| | | -A048JK | -A048YL | -A048YM | -A060CK | -A060CL | -A060CM | -A060DK | -A060DL | -A060DM | -A060JK | -A060YL | -A060YM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Unit Information** | Unit Operating Voltage Range | 187-253 | 517-633 | 517-633 | 187-253 | 187-253 | 187-253 | 414-506 | 414-506 | 414-506 | 187-253 | 517-633 | 517-633 |
| | Minimum Circuit Ampacity | 33/33 | 9 | 9 | 30/30 | 26/26 | 26/26 | 15 | 13 | 13 | 43/43 | 10 | 10 |
| | Minimum Overcurrent Protection Device Size | 40/40 | 15 | 15 | 35/35 | 30/30 | 30/30 | 20 | 15 | 15 | 50/50 | 15 | 15 |
| | Maximum Overcurrent Protection Device Size | 50/50 | 15 | 15 | 40/40 | 40/40 | 40/40 | 20 | 20 | 20 | 60/60 | 15 | 15 |
| **Compressor Motor** | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 575 | 575 | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 | 575 | 575 |
| | Phase | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 |
| | HP | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | RPM | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 |
| | Amps (RLA) | 21.8/21.8 | 4.8 | 4.8 | 15.6/15.6 | 15.6/15.6 | 15.6/15.6 | 7.8 | 7.8 | 7.8 | 26.3/26.3 | 5.8 | 5.8 |
| | Amps (LRA) | 117/117 | 33 | 33 | 110/110 | 110/110 | 110/110 | 52 | 52 | 52 | 134/134 | 38.9 | 38.9 |
| **Condenser Motor** | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 575 | 575 | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 | 575 | 575 |
| | Phase | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | HP | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 |
| | Amps (FLA) | 1.5 | 0.8 | 0.8 | 2.2 | 2.2 | 2.2 | 1 | 1 | 1 | 2.2 | 0.8 | 0.8 |
| | Amps (LRA) | 3 | 1.9 | 1.9 | 4.9 | 4.9 | 4.9 | 1.9 | 1.9 | 1.9 | 4.9 | 1.9 | 1.9 |
| **Evaporator Fan** | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 575 | 575 | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 | 575 | 575 |
| | Phase | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 |
| | HP | 1/2 | 3/4 | 3/4 | 1 | 3/4 | 1 | 1 | 3/4 | 1 | 1 | 3/4 | 1 |
| | Amps (FLA) | 4 | 1.3 | 1.3 | 7.6 | 3.4 | 3.8 | 4 | 1.6 | 1.9 | 7.6 | 1.3 | 1.4 |
| | Amps (LRA) | 6.7 | 6 | 6 | 0 | 16.8 | 24 | 0 | 8.4 | 12 | 0 | 6 | 7.2 |

1. Horsepower Per Compressor.
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

## ELECTRICAL DATA – RLPL SERIES

| | | -A036CK | -A036CL | -A036CM | -A036DK | -A036DL | -A036DM | -A036JK | -A042CK | -A042CL |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit Information | Unit Operating Voltage Range | 187-253 | 187-253 | 187-253 | 414-506 | 414-506 | 414-506 | 187-253 | 187-253 | 187-253 |
| | Minimum Circuit Ampacity | 19/19 | 18/18 | 18/18 | 11 | 10 | 10 | 27/27 | 25/25 | 22/22 |
| | Minimum Overcurrent Protection Device Size | 25/25 | 20/20 | 25/25 | 15 | 15 | 15 | 35/35 | 30/30 | 25/25 |
| | Maximum Overcurrent Protection Device Size | 25/25 | 25/25 | 25/25 | 15 | 15 | 15 | 40/40 | 35/35 | 30/30 |
| Compressor Motor | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 | 208/230 | 208/230 |
| | Phase | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 |
| | HP | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 1/2 | 3 1/2 |
| | RPM | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 |
| | Amps (RLA) | 10.4/10.4 | 10.4/10.4 | 10.4/10.4 | 5.8 | 5.8 | 5.8 | 16.7/16.7 | 13.5/13.5 | 13.5/13.5 |
| | Amps (LRA) | 88/88 | 88/88 | 88/88 | 38 | 38 | 38 | 79/79 | 88/88 | 88/88 |
| Condenser Motor | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 | 208/230 | 208/230 |
| | Phase | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | HP | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 |
| | Amps (FLA) | 1.5 | 1.5 | 1.5 | 1 | 1 | 1 | 1.5 | 1.5 | 1.5 |
| | Amps (LRA) | 3 | 3 | 3 | 1.9 | 1.9 | 1.9 | 3 | 3 | 3 |
| Evaporator Fan | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 | 208/230 | 208/230 |
| | Phase | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 1 | 3 |
| | HP | 1/2 | 1/2 | 3/4 | 1/2 | 1/2 | 3/4 | 1/2 | 3/4 | 1/2 |
| | Amps (FLA) | 4.1 | 2.8 | 3.4 | 2.1 | 1.4 | 1.6 | 4.1 | 6 | 2.8 |
| | Amps (LRA) | 0 | 11.3 | 16.8 | 0 | 6.2 | 8.4 | 0 | 0 | 11.3 |

1. Horsepower Per Compressor.
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

## ELECTRICAL DATA – RLPL SERIES

| | | -A042CM | -A042DK | -A042DL | -A042DM | -A042JK | -A048CK | -A048CL | -A048CM | -A048DK |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit Information | Unit Operating Voltage Range | 187-253 | 414-506 | 414-506 | 414-506 | 187-253 | 187-253 | 187-253 | 187-253 | 414-506 |
| | Minimum Circuit Ampacity | 22/22 | 12 | 10 | 11 | 30/30 | 25/25 | 22/22 | 23/23 | 12 |
| | Minimum Overcurrent Protection Device Size | 30/30 | 15 | 15 | 15 | 35/35 | 30/30 | 25/25 | 30/30 | 15 |
| | Maximum Overcurrent Protection Device Size | 35/35 | 15 | 15 | 15 | 45/45 | 35/35 | 35/35 | 35/35 | 15 |
| Compressor Motor | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 460 | 460 | 460 | 208/230 | 208/230 | 208/230 | 208/230 | 460 |
| | Phase | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 |
| | HP | 3 1/2 | 3 1/2 | 3 1/2 | 3 1/2 | 3 1/2 | 4 | 4 | 4 | 4 |
| | RPM | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 |
| | Amps (RLA) | 13.5/13.5 | 6 | 6 | 6 | 17.9/17.9 | 13.7/13.7 | 13.7/13.7 | 13.7/13.7 | 6.2 |
| | Amps (LRA) | 88/88 | 44 | 44 | 44 | 112/112 | 83.1/83.1 | 83.1/83.1 | 83.1/83.1 | 41 |
| Condenser Motor | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 460 | 460 | 460 | 208/230 | 208/230 | 208/230 | 208/230 | 460 |
| | Phase | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | HP | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 |
| | Amps (FLA) | 1.5 | 1 | 1 | 1 | 1.5 | 1.5 | 1.5 | 1.5 | 1 |
| | Amps (LRA) | 3 | 1.9 | 1.9 | 1.9 | 3 | 3 | 3 | 3 | 1.9 |
| Evaporator Fan | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 208/230 | 460 | 460 | 460 | 208/230 | 208/230 | 208/230 | 208/230 | 460 |
| | Phase | 3 | 1 | 3 | 3 | 1 | 1 | 3 | 3 | 1 |
| | HP | 3/4 | 3/4 | 1/2 | 3/4 | 3/4 | 3/4 | 1/2 | 3/4 | 3/4 |
| | Amps (FLA) | 3.4 | 3.2 | 1.4 | 1.6 | 6 | 6 | 2.8 | 3.4 | 3.2 |
| | Amps (LRA) | 16.8 | 0 | 6.2 | 8.4 | 0 | 0 | 11.3 | 16.8 | 0 |

1. Horsepower Per Compressor.
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

## ELECTRICAL DATA – RLPL SERIES

| | | -A048DL | -A048DM | -A048JK | -A060CK | -A060CL | -A060CM | -A060DK | -A060DL | -A060DM | -A060JK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Information | Unit Operating Voltage Range | 414-506 | 414-506 | 187-253 | 187-253 | 187-253 | 187-253 | 414-506 | 414-506 | 414-506 | 187-253 |
| | Minimum Circuit Ampacity | 11 | 11 | 35/35 | 30/30 | 26/26 | 26/26 | 15 | 13 | 13 | 43/43 |
| | Minimum Overcurrent Protection Device Size | 15 | 15 | 45/45 | 35/35 | 30/30 | 35/35 | 20 | 15 | 15 | 50/50 |
| | Maximum Overcurrent Protection Device Size | 15 | 15 | 50/50 | 45/45 | 40/40 | 40/40 | 20 | 20 | 20 | 60/60 |
| Compressor Motor | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 460 | 460 | 208/230 | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 |
| | Phase | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 1 |
| | HP | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | RPM | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 |
| | Amps (RLA) | 6.2 | 6.2 | 21.8/21.8 | 16/16 | 16/16 | 16/16 | 7.8 | 7.8 | 7.8 | 26.4/26.4 |
| | Amps (LRA) | 41 | 41 | 117/117 | 110/110 | 110/110 | 110/110 | 52 | 52 | 52 | 134/134 |
| Condenser Motor | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 460 | 460 | 208/230 | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 |
| | Phase | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | HP | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 |
| | Amps (FLA) | 1 | 1 | 1.5 | 2.2 | 2.2 | 2.2 | 1 | 1 | 1 | 2.2 |
| | Amps (LRA) | 1.9 | 1.9 | 3 | 4.9 | 4.9 | 4.9 | 1.9 | 1.9 | 1.9 | 4.9 |
| Evaporator Fan | No. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Volts | 460 | 460 | 208/230 | 208/230 | 208/230 | 208/230 | 460 | 460 | 460 | 208/230 |
| | Phase | 3 | 3 | 1 | 1 | 3 | 3 | 1 | 3 | 3 | 1 |
| | HP | 1/2 | 3/4 | 3/4 | 1 | 3/4 | 1 | 1 | 3/4 | 1 | 1 |
| | Amps (FLA) | 1.4 | 1.6 | 6 | 7.6 | 3.4 | 3.8 | 4 | 1.6 | 1.9 | 7.6 |
| | Amps (LRA) | 6.2 | 8.4 | 0 | 0 | 16.8 | 24 | 0 | 8.4 | 12 | 0 |

1. Horsepower Per Compressor.
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.

| 208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLNL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 208/240V | Heater KBTU/Hr @ 208/240V | Heater Amp. @ 208/240V | Unit Min. Ckt. Ampacity @ 208/240V | Over Current Protective Device Size | | Min. Ckt. Ampacity 208/240V | Max. Fuse Size 208/240V | Min. Circuit Ampacity 208/240V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 208V | Min./Max. 240V | | | | Min./Max. 208V | Min./Max. 240V |
| A036CK | No Heat | — | — | — | — | 19/19 | 25/25 | 25/25 | — | — | 19/19 | 25/25 | 25/25 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 20/22 | 25/25 | 25/25 | 15/17 | 15/20 | 19/19 | 25/25 | 25/25 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/30 | 35/35 | 25/29 | 25/30 | 19/19 | 25/25 | 25/25 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 35/39 | 35/35 | 40/40 | 30/34 | 30/35 | 19/19 | 25/25 | 25/25 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 43/49 | 45/45 | 50/50 | 38/44 | 40/45 | 19/19 | 25/25 | 25/25 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 19/19 | 25/25 | 25/25 |
| A042CK | No Heat | — | — | — | — | 23/23 | 30/35 | 30/35 | — | — | 23/23 | 30/35 | 30/35 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 23/23 | 30/35 | 30/35 | 15/17 | 15/20 | 23/23 | 30/35 | 30/35 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/35 | 35/35 | 25/29 | 25/30 | 23/23 | 30/35 | 30/35 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 35/39 | 35/35 | 40/40 | 30/34 | 30/35 | 23/23 | 30/35 | 30/35 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 43/49 | 45/45 | 50/50 | 38/44 | 40/45 | 23/23 | 30/35 | 30/35 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 23/23 | 30/35 | 30/35 |
| A048CK | No Heat | — | — | — | — | 23/23 | 30/35 | 30/35 | — | — | 23/23 | 30/35 | 30/35 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 23/23 | 30/35 | 30/35 | 15/17 | 15/20 | 23/23 | 30/35 | 30/35 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/35 | 35/35 | 25/29 | 25/30 | 23/23 | 30/35 | 30/35 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 35/39 | 35/35 | 40/40 | 30/34 | 30/35 | 23/23 | 30/35 | 30/35 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 43/49 | 45/45 | 50/50 | 38/44 | 40/45 | 23/23 | 30/35 | 30/35 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 23/23 | 30/35 | 30/35 |
| A060CK | No Heat | — | — | — | — | 30/30 | 35/40 | 35/40 | — | — | 30/30 | 35/40 | 35/40 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 30/30 | 35/40 | 35/40 | 15/17 | 15/20 | 30/30 | 35/40 | 35/40 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 35/39 | 35/40 | 40/40 | 25/29 | 25/30 | 30/30 | 35/40 | 35/40 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 39/44 | 40/40 | 45/45 | 30/34 | 30/35 | 30/30 | 35/40 | 35/40 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 48/53 | 50/50 | 60/60 | 38/44 | 40/45 | 30/30 | 35/40 | 35/40 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 60/68 | 60/60 | 70/70 | 50/58 | 50/60 | 30/30 | 35/40 | 35/40 |

| 208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | Heater Kit | | Air Conditioner | | |
| Model No. RLNL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 208/240V | Heater KBTU/Hr @ 208/240V | Heater Amp. @ 208/240V | Unit Min. Ckt. Ampacity @ 208/240V | Over Current Protective Device Size | | Min. Ckt. Ampacity 208/240V | Max. Fuse Size 208/240V | Min. Circuit Ampacity 208/240V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 208V | Min./Max. 240V | | | | Min./Max. 208V | Min./Max. 240V |
| A036CL | No Heat | — | — | — | — | 18/18 | 20/25 | 20/25 | — | — | 18/18 | 20/25 | 20/25 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 19/21 | 20/25 | 25/25 | 15/17 | 15/20 | 18/18 | 20/25 | 20/25 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 29/33 | 30/30 | 35/35 | 25/29 | 25/30 | 18/18 | 20/25 | 20/25 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 33/38 | 35/35 | 40/40 | 30/34 | 30/35 | 18/18 | 20/25 | 20/25 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/47 | 45/45 | 50/50 | 38/44 | 40/45 | 18/18 | 20/25 | 20/25 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 54/62 | 60/60 | 70/70 | 50/58 | 50/60 | 18/18 | 20/25 | 20/25 |
| A042CL | No Heat | — | — | — | — | 22/22 | 25/30 | 25/30 | — | — | 22/22 | 25/30 | 25/30 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 22/22 | 25/30 | 25/30 | 15/17 | 15/20 | 22/22 | 25/30 | 25/30 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 29/33 | 30/30 | 35/35 | 25/29 | 25/30 | 22/22 | 25/30 | 25/30 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 33/38 | 35/35 | 40/40 | 30/34 | 30/35 | 22/22 | 25/30 | 25/30 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/47 | 45/45 | 50/50 | 38/44 | 40/45 | 22/22 | 25/30 | 25/30 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 54/62 | 60/60 | 70/70 | 50/58 | 50/60 | 22/22 | 25/30 | 25/30 |
| A048CL | No Heat | — | — | — | — | 22/22 | 25/35 | 25/35 | — | — | 22/22 | 25/35 | 25/35 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 22/22 | 25/35 | 25/35 | 15/17 | 15/20 | 22/22 | 25/35 | 25/35 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 29/33 | 30/35 | 35/35 | 25/29 | 25/30 | 22/22 | 25/35 | 25/35 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 33/38 | 35/35 | 40/40 | 30/34 | 30/35 | 22/22 | 25/35 | 25/35 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/47 | 45/45 | 50/50 | 38/44 | 40/45 | 22/22 | 25/35 | 25/35 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 54/62 | 60/60 | 70/70 | 50/58 | 50/60 | 22/22 | 25/35 | 25/35 |
| A060CL | No Heat | — | — | — | — | 26/26 | 30/40 | 30/40 | — | — | 26/26 | 30/40 | 30/40 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 26/26 | 30/40 | 30/40 | 15/17 | 15/20 | 26/26 | 30/40 | 30/40 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/40 | 35/40 | 25/29 | 25/30 | 26/26 | 30/40 | 30/40 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 34/39 | 35/40 | 40/40 | 30/34 | 30/35 | 26/26 | 30/40 | 30/40 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/48 | 45/45 | 50/50 | 38/44 | 40/45 | 26/26 | 30/40 | 30/40 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 26/26 | 30/40 | 30/40 |
| | A24C | 1 | 18/24 | 61.41/81.88 | 50/57.7 | 67/77 | 70/70 | 80/80 | 63/73 | 70/80 | 26/26 | 30/40 | 30/40 |

| 208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLNL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 208/240V | Heater KBTU/Hr @ 208/240V | Heater Amp. @ 208/240V | Unit Min. Ckt. Ampacity @ 208/240V | Over Current Protective Device Size | | Min. Ckt. Ampacity 208/240V | Max. Fuse Size 208/240V | Min. Circuit Ampacity 208/240V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 208V | Min./Max. 240V | | | | Min./Max. 208V | Min./Max. 240V |
| A036CM | No Heat | — | — | — | — | 18/18 | 25/25 | 25/25 | — | — | 18/18 | 25/25 | 25/25 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 19/22 | 25/25 | 25/25 | 15/17 | 15/20 | 18/18 | 25/25 | 25/25 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/30 | 35/35 | 25/29 | 25/30 | 18/18 | 25/25 | 25/25 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 34/39 | 35/35 | 40/40 | 30/34 | 30/35 | 18/18 | 25/25 | 25/25 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/48 | 45/45 | 50/50 | 38/44 | 40/45 | 18/18 | 25/25 | 25/25 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 18/18 | 25/25 | 25/25 |
| A042CM | No Heat | — | — | — | — | 22/22 | 30/35 | 30/35 | — | — | 22/22 | 30/35 | 30/35 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 22/22 | 30/35 | 30/35 | 15/17 | 15/20 | 22/22 | 30/35 | 30/35 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/35 | 35/35 | 25/29 | 25/30 | 22/22 | 30/35 | 30/35 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 34/39 | 35/35 | 40/40 | 30/34 | 30/35 | 22/22 | 30/35 | 30/35 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/48 | 45/45 | 50/50 | 38/44 | 40/45 | 22/22 | 30/35 | 30/35 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 22/22 | 30/35 | 30/35 |
| A048CM | No Heat | — | — | — | — | 23/23 | 30/35 | 30/35 | — | — | 23/23 | 30/35 | 30/35 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 23/23 | 30/35 | 30/35 | 15/17 | 15/20 | 23/23 | 30/35 | 30/35 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/35 | 35/35 | 25/29 | 25/30 | 23/23 | 30/35 | 30/35 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 34/39 | 35/35 | 40/40 | 30/34 | 30/35 | 23/23 | 30/35 | 30/35 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/48 | 45/45 | 50/50 | 38/44 | 40/45 | 23/23 | 30/35 | 30/35 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 23/23 | 30/35 | 30/35 |
| A060CM | No Heat | — | — | — | — | 26/26 | 30/40 | 30/40 | — | — | 26/26 | 30/40 | 30/40 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 26/26 | 30/40 | 30/40 | 15/17 | 15/20 | 26/26 | 30/40 | 30/40 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/40 | 35/40 | 25/29 | 25/30 | 26/26 | 30/40 | 30/40 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 34/39 | 35/40 | 40/40 | 30/34 | 30/35 | 26/26 | 30/40 | 30/40 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 43/49 | 45/45 | 50/50 | 38/44 | 40/45 | 26/26 | 30/40 | 30/40 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 26/26 | 30/40 | 30/40 |
| | A24C | 1 | 18/24 | 61.41/81.88 | 50/57.7 | 68/77 | 70/70 | 80/80 | 63/73 | 70/80 | 26/26 | 30/40 | 30/40 |

| 480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLNL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 480V | Heater KBTU/Hr @ 480V | Heater Amp. @ 480V | Unit Min. Ckt. Ampacity @ 480V | Over Current Protective Device Size | | Min. Ckt. Ampacity 480V | Max. Fuse Size 480V | Min. Circuit Ampacity 480V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 480V | Min./Max. 480V | | | | Min./Max. 480V | Min./Max. 480V |
| A036DK | No Heat | — | — | — | — | 11 | 15/15 | — | — | — | 11 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 11/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 18 | 20/20 | — | 15 | 15 | 11/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 20 | 20/20 | — | 17 | 20 | 11/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 25 | 25/25 | — | 22 | 25 | 11/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 11/0 | 15/15 | 0/0 |
| A042DK | No Heat | — | — | — | — | 11 | 15/15 | — | — | — | 11 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 11/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 18 | 20/20 | — | 15 | 15 | 11/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 20 | 20/20 | — | 17 | 20 | 11/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 25 | 25/25 | — | 22 | 25 | 11/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 11/0 | 15/15 | 0/0 |
| A048DK | No Heat | — | — | — | — | 11 | 15/15 | — | — | — | 11 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 11/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 18 | 20/20 | — | 15 | 15 | 11/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 20 | 20/20 | — | 17 | 20 | 11/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 25 | 25/25 | — | 22 | 25 | 11/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 11/0 | 15/15 | 0/0 |
| A060DK | No Heat | — | — | — | — | 15 | 20/20 | — | — | — | 15 | 20/20 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 15 | 20/20 | — | 9 | 15 | 15/0 | 20/20 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 20 | 20/20 | — | 15 | 15 | 15/0 | 20/20 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 22 | 25/25 | — | 17 | 20 | 15/0 | 20/20 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 27 | 30/30 | — | 22 | 25 | 15/0 | 20/20 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 35 | 35/35 | — | 30 | 30 | 15/0 | 20/20 | 0/0 |

| 480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLNL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 480V | Heater KBTU/Hr @ 480V | Heater Amp. @ 480V | Unit Min. Ckt. Ampacity @ 480V | Over Current Protective Device Size | | Min. Ckt. Ampacity 480V | Max. Fuse Size 480V | Min. Circuit Ampacity 480V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 480V | Min./Max. 480V | | | | Min./Max. 480V | Min./Max. 480V |
| A036DL | No Heat | — | — | — | — | 10 | 15/15 | — | — | — | 10 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 10/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 10/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 10/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 10/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 31 | 35/35 | — | 30 | 30 | 10/0 | 15/15 | 0/0 |
| A042DL | No Heat | — | — | — | — | 10 | 15/15 | — | — | — | 10 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 10/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 10/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 10/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 10/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 31 | 35/35 | — | 30 | 30 | 10/0 | 15/15 | 0/0 |
| A048DL | No Heat | — | — | — | — | 11 | 15/15 | — | — | — | 11 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 11/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 11/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 11/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 11/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 31 | 35/35 | — | 30 | 30 | 11/0 | 15/15 | 0/0 |
| A060DL | No Heat | — | — | — | — | 13 | 15/20 | — | — | — | 13 | 15/20 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 13 | 15/20 | — | 9 | 15 | 13/0 | 15/20 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 13/0 | 15/20 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 13/0 | 15/20 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 13/0 | 15/20 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 13/0 | 15/20 | 0/0 |
| | A24D | 1 | 24 | 81.88 | 28.9 | 39 | 40/40 | — | 37 | 40 | 13/0 | 15/20 | 0/0 |

| 480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLNL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 480V | Heater KBTU/Hr @ 480V | Heater Amp. @ 480V | Unit Min. Ckt. Ampacity @ 480V | Over Current Protective Device Size | | Min. Ckt. Ampacity 480V | Max. Fuse Size 480V | Min. Circuit Ampacity 480V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 480V | Min./Max. 480V | | | | Min./Max. 480V | Min./Max. 480V |
| A036DM | No Heat | — | — | — | — | 10 | 15/15 | — | — | — | 10 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 10/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 10/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 10/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 10/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 10/0 | 15/15 | 0/0 |
| A042DM | No Heat | — | — | — | — | 11 | 15/15 | — | — | — | 11 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 11/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 11/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 11/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 11/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 11/0 | 15/15 | 0/0 |
| A048DM | No Heat | — | — | — | — | 11 | 15/15 | — | — | — | 11 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 11/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 11/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 11/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 11/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 11/0 | 15/15 | 0/0 |
| A060DM | No Heat | — | — | — | — | 13 | 15/20 | — | — | — | 13 | 15/20 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 13 | 15/20 | — | 9 | 15 | 13/0 | 15/20 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 13/0 | 15/20 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 20 | 20/20 | — | 17 | 20 | 13/0 | 15/20 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 25 | 25/25 | — | 22 | 25 | 13/0 | 15/20 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 13/0 | 15/20 | 0/0 |
| | A24D | 1 | 24 | 81.88 | 28.9 | 39 | 40/40 | — | 37 | 40 | 13/0 | 15/20 | 0/0 |

| 208/240 VOLT, SINGLE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | | |
| Model No. RLNL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 208/240V | Heater KBTU/Hr @ 208/240V | Heater Amp. @ 208/240V | Unit Min. Ckt. Ampacity @ 208/240V | Over Current Protective Device Size | | Min. Ckt. Ampacity 208/240V | Max. Fuse Size 208/240V | Min. Circuit Ampacity 208/240V | Over Current Protective Device Size | | |
| | | | | | | | Min./Max 208V | Min./Max. 240V | | | | Min./Max. 208V | Min./Max. 240V | |
| A036JK | No Heat | — | — | — | — | 27/27 | 35/40 | 35/40 | — | — | 27/27 | 35/40 | 35/40 | |
| | A06J | 1 | 4.2/5.6 | 14.33/19.1 | 20.2/23.3 | 31/35 | 35/40 | 35/40 | 26/30 | 30/30 | 27/27 | 35/40 | 35/40 | |
| | A10J | 1 | 7.2/9.6 | 24.56/32.75 | 34.6/40 | 49/55 | 50/50 | 60/60 | 44/50 | 45/50 | 27/27 | 35/40 | 35/40 | |
| | A12J | 1 | 8.4/11.2 | 28.66/38.21 | 40.4/46.7 | 56/64 | 60/60 | 70/70 | 51/59 | 60/60 | 27/27 | 35/40 | 35/40 | |
| | A15J | 1 | 10.8/14.4 | 36.84/49.13 | 51.9/60 | 70/80 | 70/70 | 80/80 | 65/75 | 70/80 | 27/27 | 35/40 | 35/40 | |
| | A20J | 1 | 14.4/19.2 | 49.13/65.5 | 69.3/80 | 92/105 | 100/100 | 110/110 | 87/100 | 90/100 | 27/27 | 35/40 | 35/40 | |
| A042JK | No Heat | — | — | — | — | 28/28 | 35/45 | 35/45 | — | — | 28/28 | 35/45 | 35/45 | |
| | A06J | 1 | 4.2/5.6 | 14.33/19.1 | 20.2/23.3 | 31/35 | 35/45 | 35/45 | 26/30 | 30/30 | 28/28 | 35/45 | 35/45 | |
| | A10J | 1 | 7.2/9.6 | 24.56/32.75 | 34.6/40 | 49/55 | 50/50 | 60/60 | 44/50 | 45/50 | 28/28 | 35/45 | 35/45 | |
| | A12J | 1 | 8.4/11.2 | 28.66/38.21 | 40.4/46.7 | 56/64 | 60/60 | 70/70 | 51/59 | 60/60 | 28/28 | 35/45 | 35/45 | |
| | A15J | 1 | 10.8/14.4 | 36.84/49.13 | 51.9/60 | 70/80 | 70/70 | 80/80 | 65/75 | 70/80 | 28/28 | 35/45 | 35/45 | |
| | A20J | 1 | 14.4/19.2 | 49.13/65.5 | 69.3/80 | 92/105 | 100/100 | 110/110 | 87/100 | 90/100 | 28/28 | 35/45 | 35/45 | |
| A048JK | No Heat | — | — | — | — | 33/33 | 40/50 | 40/50 | — | — | 33/33 | 40/50 | 40/50 | |
| | A06J | 1 | 4.2/5.6 | 14.33/19.1 | 20.2/23.3 | 33/35 | 40/50 | 40/50 | 26/30 | 30/30 | 33/33 | 40/50 | 40/50 | |
| | A10J | 1 | 7.2/9.6 | 24.56/32.75 | 34.6/40 | 49/55 | 50/50 | 60/60 | 44/50 | 45/50 | 33/33 | 40/50 | 40/50 | |
| | A12J | 1 | 8.4/11.2 | 28.66/38.21 | 40.4/46.7 | 56/64 | 60/60 | 70/70 | 51/59 | 60/60 | 33/33 | 40/50 | 40/50 | |
| | A15J | 1 | 10.8/14.4 | 36.84/49.13 | 51.9/60 | 70/80 | 70/70 | 80/80 | 65/75 | 70/80 | 33/33 | 40/50 | 40/50 | |
| | A20J | 1 | 14.4/19.2 | 49.13/65.5 | 69.3/80 | 92/105 | 100/100 | 110/110 | 87/100 | 90/100 | 33/33 | 40/50 | 40/50 | |
| A060JK | No Heat | — | — | — | — | 43/43 | 50/60 | 50/60 | — | — | 43/43 | 50/60 | 50/60 | |
| | A06J | 1 | 4.2/5.6 | 14.33/19.1 | 20.2/23.3 | 43/43 | 50/60 | 50/60 | 26/30 | 30/30 | 43/43 | 50/60 | 50/60 | |
| | A10J | 1 | 7.2/9.6 | 24.56/32.75 | 34.6/40 | 53/60 | 60/60 | 60/60 | 44/50 | 45/50 | 43/43 | 50/60 | 50/60 | |
| | A12J | 1 | 8.4/11.2 | 28.66/38.21 | 40.4/46.7 | 61/68 | 60/60 | 70/70 | 51/59 | 60/60 | 43/43 | 50/60 | 50/60 | |
| | A15J | 1 | 10.8/14.4 | 36.84/49.13 | 51.9/60 | 75/85 | 80/80 | 90/90 | 65/75 | 70/80 | 43/43 | 50/60 | 50/60 | |
| | A20J | 1 | 14.4/19.2 | 49.13/65.5 | 69.3/80 | 97/110 | 100/100 | 110/110 | 87/100 | 90/100 | 43/43 | 50/60 | 50/60 | |

| 208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLPL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 208/240V | Heater KBTU/Hr @ 208/240V | Heater Amp. @ 208/240V | Unit Min. Ckt. Ampacity @ 208/240V | Over Current Protective Device Size | | Min. Ckt. Ampacity 208/240V | Max. Fuse Size 208/240V | Min. Circuit Ampacity 208/240V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 208V | Min./Max. 240V | | | | Min./Max. 208V | Min./Max. 240V |
| A036CK | No Heat | — | — | — | — | 19/19 | 25/25 | 25/25 | — | — | 19/19 | 25/25 | 25/25 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 20/22 | 25/25 | 25/25 | 15/17 | 15/20 | 19/19 | 25/25 | 25/25 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 31/35 | 35/35 | 35/35 | 25/29 | 25/30 | 19/19 | 25/25 | 25/25 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 35/39 | 35/35 | 40/40 | 30/34 | 30/35 | 19/19 | 25/25 | 25/25 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 43/49 | 45/45 | 50/50 | 38/44 | 40/45 | 19/19 | 25/25 | 25/25 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 56/63 | 60/60 | 70/70 | 50/58 | 50/60 | 19/19 | 25/25 | 25/25 |
| A042CK | No Heat | — | — | — | — | 25/25 | 30/35 | 30/35 | — | — | 25/25 | 30/35 | 30/35 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 25/25 | 30/35 | 30/35 | 15/17 | 15/20 | 25/25 | 30/35 | 30/35 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 33/37 | 35/35 | 40/40 | 25/29 | 25/30 | 25/25 | 30/35 | 30/35 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 37/42 | 40/40 | 45/45 | 30/34 | 30/35 | 25/25 | 30/35 | 30/35 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 46/51 | 50/50 | 60/60 | 38/44 | 40/45 | 25/25 | 30/35 | 30/35 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 58/66 | 60/60 | 70/70 | 50/58 | 50/60 | 25/25 | 30/35 | 30/35 |
| A048CK | No Heat | — | — | — | — | 25/25 | 30/35 | 30/35 | — | — | 25/25 | 30/35 | 30/35 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 25/25 | 30/35 | 30/35 | 15/17 | 15/20 | 25/25 | 30/35 | 30/35 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 33/37 | 35/35 | 40/40 | 25/29 | 25/30 | 25/25 | 30/35 | 30/35 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 37/42 | 40/40 | 45/45 | 30/34 | 30/35 | 25/25 | 30/35 | 30/35 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 46/51 | 50/50 | 60/60 | 38/44 | 40/45 | 25/25 | 30/35 | 30/35 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 58/66 | 60/60 | 70/70 | 50/58 | 50/60 | 25/25 | 30/35 | 30/35 |
| A060CK | No Heat | — | — | — | — | 30/30 | 35/45 | 35/45 | — | — | 30/30 | 35/45 | 35/45 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 30/30 | 35/45 | 35/45 | 15/17 | 15/20 | 30/30 | 35/45 | 35/45 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 35/39 | 35/45 | 40/45 | 25/29 | 25/30 | 30/30 | 35/45 | 35/45 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 39/44 | 40/45 | 45/45 | 30/34 | 30/35 | 30/30 | 35/45 | 35/45 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 48/53 | 50/50 | 60/60 | 38/44 | 40/45 | 30/30 | 35/45 | 35/45 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 60/68 | 60/60 | 70/70 | 50/58 | 50/60 | 30/30 | 35/45 | 35/45 |

| 208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLPL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 208/240V | Heater KBTU/Hr @ 208/240V | Heater Amp. @ 208/240V | Unit Min. Ckt. Ampacity @ 208/240V | Over Current Protective Device Size | | Min. Ckt. Ampacity 208/240V | Max. Fuse Size 208/240V | Min. Circuit Ampacity 208/240V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 208V | Min./Max. 240V | | | | Min./Max. 208V | Min./Max. 240V |
| A036CL | No Heat | — | — | — | — | 18/18 | 20/25 | 20/25 | — | — | 18/18 | 20/25 | 20/25 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 19/21 | 20/25 | 25/25 | 15/17 | 15/20 | 18/18 | 20/25 | 20/25 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 29/33 | 30/30 | 35/35 | 25/29 | 25/30 | 18/18 | 20/25 | 20/25 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 33/38 | 35/35 | 40/40 | 30/34 | 30/35 | 18/18 | 20/25 | 20/25 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/47 | 45/45 | 50/50 | 38/44 | 40/45 | 18/18 | 20/25 | 20/25 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 54/62 | 60/60 | 70/70 | 50/58 | 50/60 | 18/18 | 20/25 | 20/25 |
| A042CL | No Heat | — | — | — | — | 22/22 | 25/30 | 25/30 | — | — | 22/22 | 25/30 | 25/30 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 22/22 | 25/30 | 25/30 | 15/17 | 15/20 | 22/22 | 25/30 | 25/30 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 29/33 | 30/30 | 35/35 | 25/29 | 25/30 | 22/22 | 25/30 | 25/30 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 33/38 | 35/35 | 40/40 | 30/34 | 30/35 | 22/22 | 25/30 | 25/30 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/47 | 45/45 | 50/50 | 38/44 | 40/45 | 22/22 | 25/30 | 25/30 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 54/62 | 60/60 | 70/70 | 50/58 | 50/60 | 22/22 | 25/30 | 25/30 |
| A048CL | No Heat | — | — | — | — | 22/22 | 25/35 | 25/35 | — | — | 22/22 | 25/35 | 25/35 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 22/22 | 25/35 | 25/35 | 15/17 | 15/20 | 22/22 | 25/35 | 25/35 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 29/33 | 30/35 | 35/35 | 25/29 | 25/30 | 22/22 | 25/35 | 25/35 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 33/38 | 35/35 | 40/40 | 30/34 | 30/35 | 22/22 | 25/35 | 25/35 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/47 | 45/45 | 50/50 | 38/44 | 40/45 | 22/22 | 25/35 | 25/35 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 54/62 | 60/60 | 70/70 | 50/58 | 50/60 | 22/22 | 25/35 | 25/35 |
| A060CL | No Heat | — | — | — | — | 26/26 | 30/40 | 30/40 | — | — | 26/26 | 30/40 | 30/40 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 26/26 | 30/40 | 30/40 | 15/17 | 15/20 | 26/26 | 30/40 | 30/40 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/40 | 35/40 | 25/29 | 25/30 | 26/26 | 30/40 | 30/40 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 34/39 | 35/40 | 40/40 | 30/34 | 30/35 | 26/26 | 30/40 | 30/40 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/48 | 45/45 | 50/50 | 38/44 | 40/45 | 26/26 | 30/40 | 30/40 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 26/26 | 30/40 | 30/40 |

| 208/240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLPL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 208/240V | Heater KBTU/Hr @ 208/240V | Heater Amp. @ 208/240V | Unit Min. Ckt. Ampacity @ 208/240V | Over Current Protective Device Size | | Min. Ckt. Ampacity 208/240V | Max. Fuse Size 208/240V | Min. Circuit Ampacity 208/240V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 208V | Min./Max. 240V | | | | Min./Max. 208V | Min./Max. 240V |
| A036CM | No Heat | — | — | — | — | 18/18 | 25/25 | 25/25 | — | — | 18/18 | 25/25 | 25/25 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 19/22 | 25/25 | 25/25 | 15/17 | 15/20 | 18/18 | 25/25 | 25/25 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/30 | 35/35 | 25/29 | 25/30 | 18/18 | 25/25 | 25/25 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 34/39 | 35/35 | 40/40 | 30/34 | 30/35 | 18/18 | 25/25 | 25/25 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/48 | 45/45 | 50/50 | 38/44 | 40/45 | 18/18 | 25/25 | 25/25 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 18/18 | 25/25 | 25/25 |
| A042CM | No Heat | — | — | — | — | 22/22 | 30/35 | 30/35 | — | — | 22/22 | 30/35 | 30/35 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 22/22 | 30/35 | 30/35 | 15/17 | 15/20 | 22/22 | 30/35 | 30/35 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/35 | 35/35 | 25/29 | 25/30 | 22/22 | 30/35 | 30/35 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 34/39 | 35/35 | 40/40 | 30/34 | 30/35 | 22/22 | 30/35 | 30/35 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/48 | 45/45 | 50/50 | 38/44 | 40/45 | 22/22 | 30/35 | 30/35 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 22/22 | 30/35 | 30/35 |
| A048CM | No Heat | — | — | — | — | 23/23 | 30/35 | 30/35 | — | — | 23/23 | 30/35 | 30/35 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 23/23 | 30/35 | 30/35 | 15/17 | 15/20 | 23/23 | 30/35 | 30/35 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 30/35 | 35/35 | 25/29 | 25/30 | 23/23 | 30/35 | 30/35 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 34/39 | 35/35 | 40/40 | 30/34 | 30/35 | 23/23 | 30/35 | 30/35 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 42/48 | 45/45 | 50/50 | 38/44 | 40/45 | 23/23 | 30/35 | 30/35 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 23/23 | 30/35 | 30/35 |
| A060CM | No Heat | — | — | — | — | 26/26 | 35/40 | 35/40 | — | — | 26/26 | 35/40 | 35/40 |
| | A06C | 1 | 4.2/5.6 | 14.33/19.1 | 11.7/13.5 | 26/26 | 35/40 | 35/40 | 15/17 | 15/20 | 26/26 | 35/40 | 35/40 |
| | A10C | 1 | 7.2/9.6 | 24.56/32.75 | 20/23.1 | 30/34 | 35/40 | 35/40 | 25/29 | 25/30 | 26/26 | 35/40 | 35/40 |
| | A12C | 1 | 8.4/11.2 | 28.66/38.21 | 23.4/27 | 34/39 | 35/40 | 40/40 | 30/34 | 30/35 | 26/26 | 35/40 | 35/40 |
| | A15C | 1 | 10.8/14.4 | 36.84/49.13 | 30.1/34.7 | 43/49 | 45/45 | 50/50 | 38/44 | 40/45 | 26/26 | 35/40 | 35/40 |
| | A20C | 1 | 14.4/19.2 | 49.13/65.5 | 40/46.3 | 55/63 | 60/60 | 70/70 | 50/58 | 50/60 | 26/26 | 35/40 | 35/40 |
| | A24C | 1 | 18/24 | 61.41/81.88 | 50/57.7 | 68/77 | 70/70 | 80/80 | 63/73 | 70/80 | 26/26 | 35/40 | 35/40 |

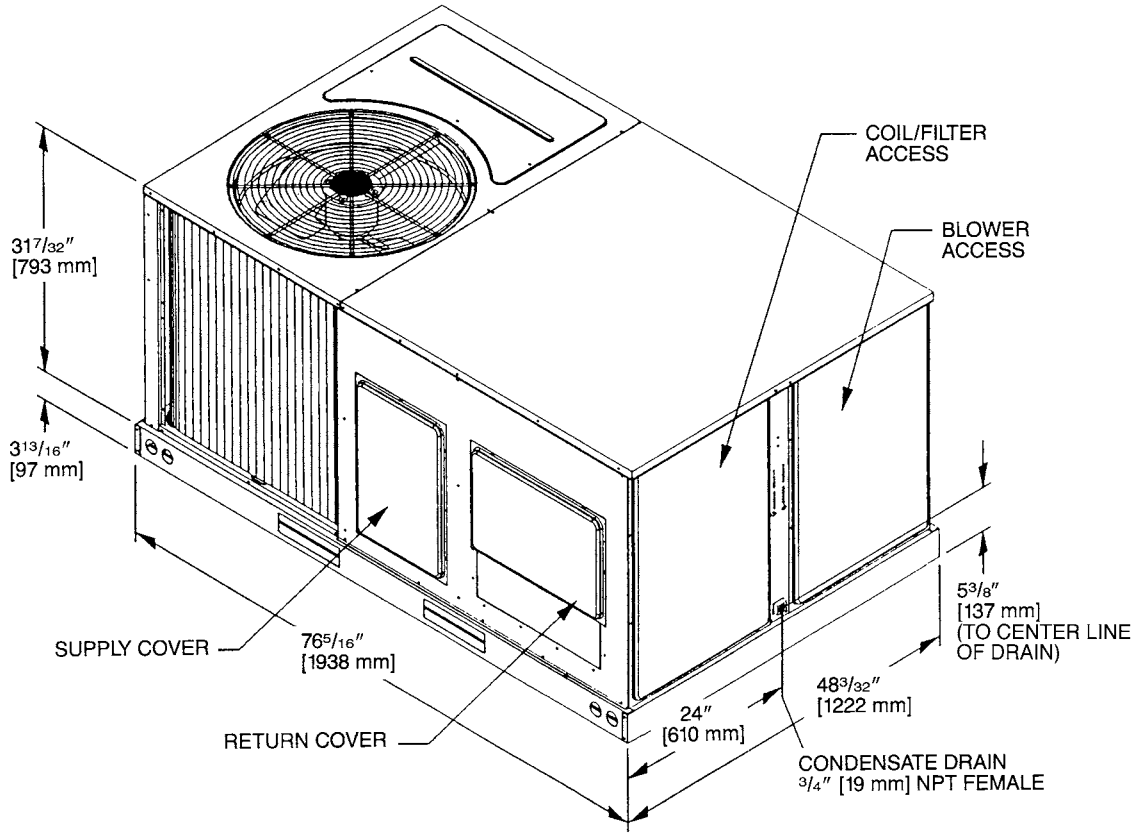
| 480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLPL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 480V | Heater KBTU/Hr @ 480V | Heater Amp. @ 480V | Unit Min. Ckt. Ampacity @ 480V | Over Current Protective Device Size | | Min. Ckt. Ampacity 480V | Max. Fuse Size 480V | Min. Circuit Ampacity 480V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 480V | Min./Max. 480V | | | | Min./Max. 480V | Min./Max. 480V |
| A036DK | No Heat | — | — | — | — | 11 | 15/15 | — | — | — | 11 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 11/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 18 | 20/20 | — | 15 | 15 | 11/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 20 | 20/20 | — | 17 | 20 | 11/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 25 | 25/25 | — | 22 | 25 | 11/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 11/0 | 15/15 | 0/0 |
| A042DK | No Heat | — | — | — | — | 12 | 15/15 | — | — | — | 12 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 13 | 15/15 | — | 9 | 15 | 12/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 19 | 20/20 | — | 15 | 15 | 12/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 21 | 25/25 | — | 17 | 20 | 12/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 26 | 30/30 | — | 22 | 25 | 12/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 34 | 35/35 | — | 30 | 30 | 12/0 | 15/15 | 0/0 |
| A048DK | No Heat | — | — | — | — | 12 | 15/15 | — | — | — | 12 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 13 | 15/15 | — | 9 | 15 | 12/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 19 | 20/20 | — | 15 | 15 | 12/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 21 | 25/25 | — | 17 | 20 | 12/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 26 | 30/30 | — | 22 | 25 | 12/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 34 | 35/35 | — | 30 | 30 | 12/0 | 15/15 | 0/0 |
| A060DK | No Heat | — | — | — | — | 15 | 20/20 | — | — | — | 15 | 20/20 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 15 | 20/20 | — | 9 | 15 | 15/0 | 20/20 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 20 | 20/20 | — | 15 | 15 | 15/0 | 20/20 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 22 | 25/25 | — | 17 | 20 | 15/0 | 20/20 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 27 | 30/30 | — | 22 | 25 | 15/0 | 20/20 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 35 | 35/35 | — | 30 | 30 | 15/0 | 20/20 | 0/0 |

| 480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLPL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 480V | Heater KBTU/Hr @ 480V | Heater Amp. @ 480V | Unit Min. Ckt. Ampacity @ 480V | Over Current Protective Device Size | | Min. Ckt. Ampacity 480V | Max. Fuse Size 480V | Min. Circuit Ampacity 480V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 480V | Min./Max. 480V | | | | Min./Max. 480V | Min./Max. 480V |
| A036DL | No Heat | — | — | — | — | 10 | 15/15 | — | — | — | 10 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 10/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 10/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 10/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 10/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 31 | 35/35 | — | 30 | 30 | 10/0 | 15/15 | 0/0 |
| A042DL | No Heat | — | — | — | — | 10 | 15/15 | — | — | — | 10 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 10/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 10/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 10/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 10/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 31 | 35/35 | — | 30 | 30 | 10/0 | 15/15 | 0/0 |
| A048DL | No Heat | — | — | — | — | 11 | 15/15 | — | — | — | 11 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 11/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 11/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 11/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 11/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 31 | 35/35 | — | 30 | 30 | 11/0 | 15/15 | 0/0 |
| A060DL | No Heat | — | — | — | — | 13 | 15/20 | — | — | — | 13 | 15/20 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 13 | 15/20 | — | 9 | 15 | 13/0 | 15/20 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 13/0 | 15/20 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 13/0 | 15/20 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 13/0 | 15/20 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 13/0 | 15/20 | 0/0 |
| | A24D | 1 | 24 | 81.88 | 28.9 | 39 | 40/40 | — | 37 | 40 | 13/0 | 15/20 | 0/0 |

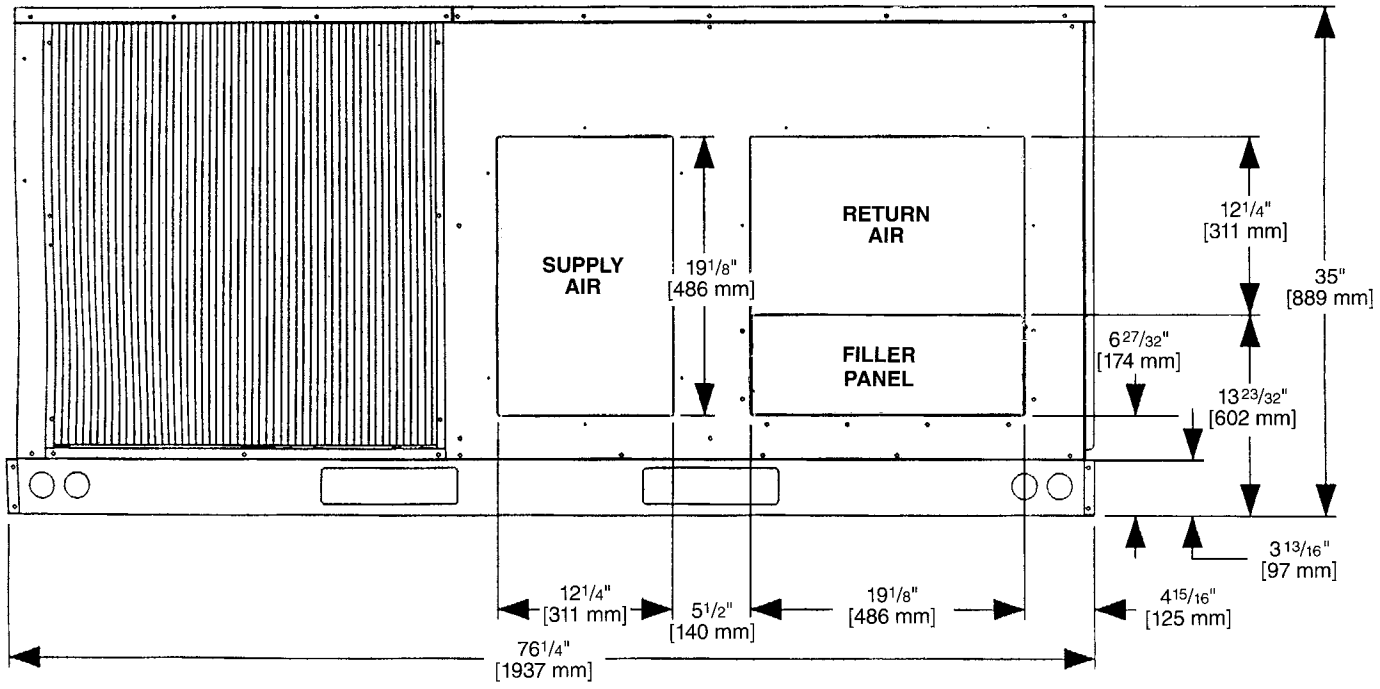
| 480 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLPL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 480V | Heater KBTU/Hr @ 480V | Heater Amp. @ 480V | Unit Min. Ckt. Ampacity @ 480V | Over Current Protective Device Size | | Min. Ckt. Ampacity 480V | Max. Fuse Size 480V | Min. Circuit Ampacity 480V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 480V | Min./Max. 480V | | | | Min./Max. 480V | Min./Max. 480V |
| A036DM | No Heat | — | — | — | — | 10 | 15/15 | — | — | — | 10 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 10/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 10/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 10/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 10/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 10/0 | 15/15 | 0/0 |
| A042DM | No Heat | — | — | — | — | 11 | 15/15 | — | — | — | 11 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 11/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 11/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 11/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 11/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 11/0 | 15/15 | 0/0 |
| A048DM | No Heat | — | — | — | — | 11 | 15/15 | — | — | — | 11 | 15/15 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 11 | 15/15 | — | 9 | 15 | 11/0 | 15/15 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 11/0 | 15/15 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 19 | 20/20 | — | 17 | 20 | 11/0 | 15/15 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 24 | 25/25 | — | 22 | 25 | 11/0 | 15/15 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 11/0 | 15/15 | 0/0 |
| A060DM | No Heat | — | — | — | — | 13 | 15/20 | — | — | — | 13 | 15/20 | — |
| | A06D | 1 | 5.6 | 19.1 | 6.7 | 13 | 15/20 | — | 9 | 15 | 13/0 | 15/20 | 0/0 |
| | A10D | 1 | 9.6 | 32.75 | 11.6 | 17 | 20/20 | — | 15 | 15 | 13/0 | 15/20 | 0/0 |
| | A12D | 1 | 11.2 | 38.21 | 13.5 | 20 | 20/20 | — | 17 | 20 | 13/0 | 15/20 | 0/0 |
| | A15D | 1 | 14.4 | 49.13 | 17.4 | 25 | 25/25 | — | 22 | 25 | 13/0 | 15/20 | 0/0 |
| | A20D | 1 | 19.2 | 65.5 | 23.3 | 32 | 35/35 | — | 30 | 30 | 13/0 | 15/20 | 0/0 |
| | A24D | 1 | 24 | 81.88 | 28.9 | 39 | 40/40 | — | 37 | 40 | 13/0 | 15/20 | 0/0 |

| 208/240 VOLT, SINGLE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Power Supply for Both Unit and Heater Kit | | | | | | | | | Separate Power Supply for Both Unit and Heater Kit | | | | |
| | Heater Kit | | | | | Air Conditioner | | | Heater Kit | | Air Conditioner | | |
| Model No. RLPL- | RXJJ- Heater Kit Nominal kW | No. of Sequence Steps | Rated Heater kW @ 208/240V | Heater KBTU/Hr @ 208/240V | Heater Amp. @ 208/240V | Unit Min. Ckt. Ampacity @ 208/240V | Over Current Protective Device Size | | Min. Ckt. Ampacity 208/240V | Max. Fuse Size 208/240V | Min. Circuit Ampacity 208/240V | Over Current Protective Device Size | |
| | | | | | | | Min./Max 208V | Min./Max. 240V | | | | Min./Max. 208V | Min./Max. 240V |
| A036JK | No Heat | — | — | — | — | 27/27 | 35/40 | 35/40 | — | — | 27/27 | 35/40 | 35/40 |
| | A06J | 1 | 4.2/5.6 | 14.33/19.1 | 20.2/23.3 | 31/35 | 35/40 | 35/40 | 26/30 | 30/30 | 27/27 | 35/40 | 35/40 |
| | A10J | 1 | 7.2/9.6 | 24.56/32.75 | 34.6/40 | 49/56 | 50/50 | 60/60 | 44/50 | 45/50 | 27/27 | 35/40 | 35/40 |
| | A12J | 1 | 8.4/11.2 | 28.66/38.21 | 40.4/46.7 | 56/64 | 60/60 | 70/70 | 51/59 | 60/60 | 27/27 | 35/40 | 35/40 |
| | A15J | 1 | 10.8/14.4 | 36.84/49.13 | 51.9/60 | 71/81 | 70/70 | 90/90 | 65/75 | 70/80 | 27/27 | 35/40 | 35/40 |
| | A20J | 1 | 14.4/19.2 | 49.13/65.5 | 69.3/80 | 92/106 | 100/100 | 110/110 | 87/100 | 90/100 | 27/27 | 35/40 | 35/40 |
| A042JK | No Heat | — | — | — | — | 30/30 | 35/45 | 35/45 | — | — | 30/30 | 35/45 | 35/45 |
| | A06J | 1 | 4.2/5.6 | 14.33/19.1 | 20.2/23.3 | 33/37 | 35/45 | 40/45 | 26/30 | 30/30 | 30/30 | 35/45 | 35/45 |
| | A10J | 1 | 7.2/9.6 | 24.56/32.75 | 34.6/40 | 51/58 | 60/60 | 60/60 | 44/50 | 45/50 | 30/30 | 35/45 | 35/45 |
| | A12J | 1 | 8.4/11.2 | 28.66/38.21 | 40.4/46.7 | 59/66 | 60/60 | 70/70 | 51/59 | 60/60 | 30/30 | 35/45 | 35/45 |
| | A15J | 1 | 10.8/14.4 | 36.84/49.13 | 51.9/60 | 73/83 | 80/80 | 90/90 | 65/75 | 70/80 | 30/30 | 35/45 | 35/45 |
| | A20J | 1 | 14.4/19.2 | 49.13/65.5 | 69.3/80 | 95/108 | 100/100 | 110/110 | 87/100 | 90/100 | 30/30 | 35/45 | 35/45 |
| A048JK | No Heat | — | — | — | — | 35/35 | 45/50 | 45/50 | — | — | 35/35 | 45/50 | 45/50 |
| | A06J | 1 | 4.2/5.6 | 14.33/19.1 | 20.2/23.3 | 35/37 | 45/50 | 45/50 | 26/30 | 30/30 | 35/35 | 45/50 | 45/50 |
| | A10J | 1 | 7.2/9.6 | 24.56/32.75 | 34.6/40 | 51/58 | 60/60 | 60/60 | 44/50 | 45/50 | 35/35 | 45/50 | 45/50 |
| | A12J | 1 | 8.4/11.2 | 28.66/38.21 | 40.4/46.7 | 59/66 | 60/60 | 70/70 | 51/59 | 60/60 | 35/35 | 45/50 | 45/50 |
| | A15J | 1 | 10.8/14.4 | 36.84/49.13 | 51.9/60 | 73/83 | 80/80 | 90/90 | 65/75 | 70/80 | 35/35 | 45/50 | 45/50 |
| | A20J | 1 | 14.4/19.2 | 49.13/65.5 | 69.3/80 | 95/108 | 100/100 | 110/110 | 87/100 | 90/100 | 35/35 | 45/50 | 45/50 |
| A060JK | No Heat | — | — | — | — | 43/43 | 50/60 | 50/60 | — | — | 43/43 | 50/60 | 50/60 |
| | A06J | 1 | 4.2/5.6 | 14.33/19.1 | 20.2/23.3 | 43/43 | 50/60 | 50/60 | 26/30 | 30/30 | 43/43 | 50/60 | 50/60 |
| | A10J | 1 | 7.2/9.6 | 24.56/32.75 | 34.6/40 | 53/60 | 60/60 | 60/60 | 44/50 | 45/50 | 43/43 | 50/60 | 50/60 |
| | A12J | 1 | 8.4/11.2 | 28.66/38.21 | 40.4/46.7 | 61/68 | 60/60 | 70/70 | 51/59 | 60/60 | 43/43 | 50/60 | 50/60 |
| | A15J | 1 | 10.8/14.4 | 36.84/49.13 | 51.9/60 | 75/85 | 80/80 | 90/90 | 65/75 | 70/80 | 43/43 | 50/60 | 50/60 |
| | A20J | 1 | 14.4/19.2 | 49.13/65.5 | 69.3/80 | 97/110 | 100/100 | 110/110 | 87/100 | 90/100 | 43/43 | 50/60 | 50/60 |

# 3 TO 5 TON [10.6 TO 17.6 kW] MODELS

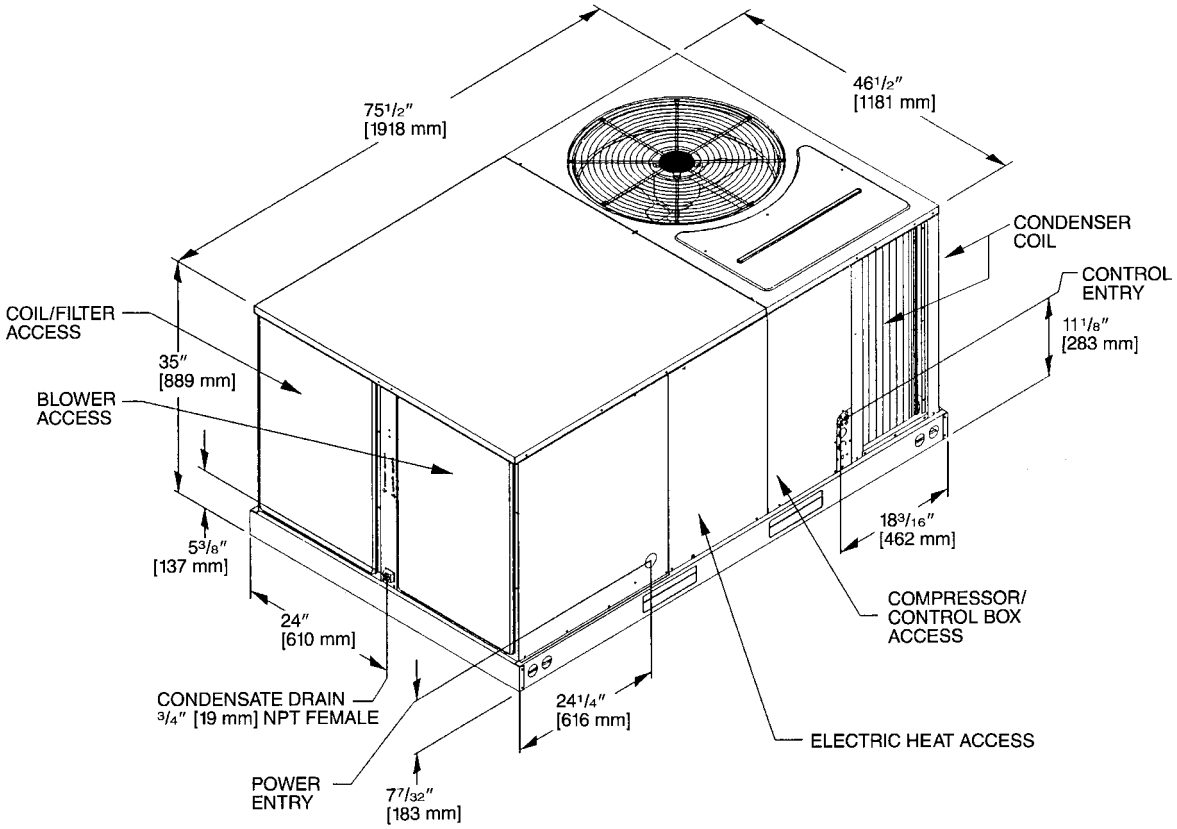


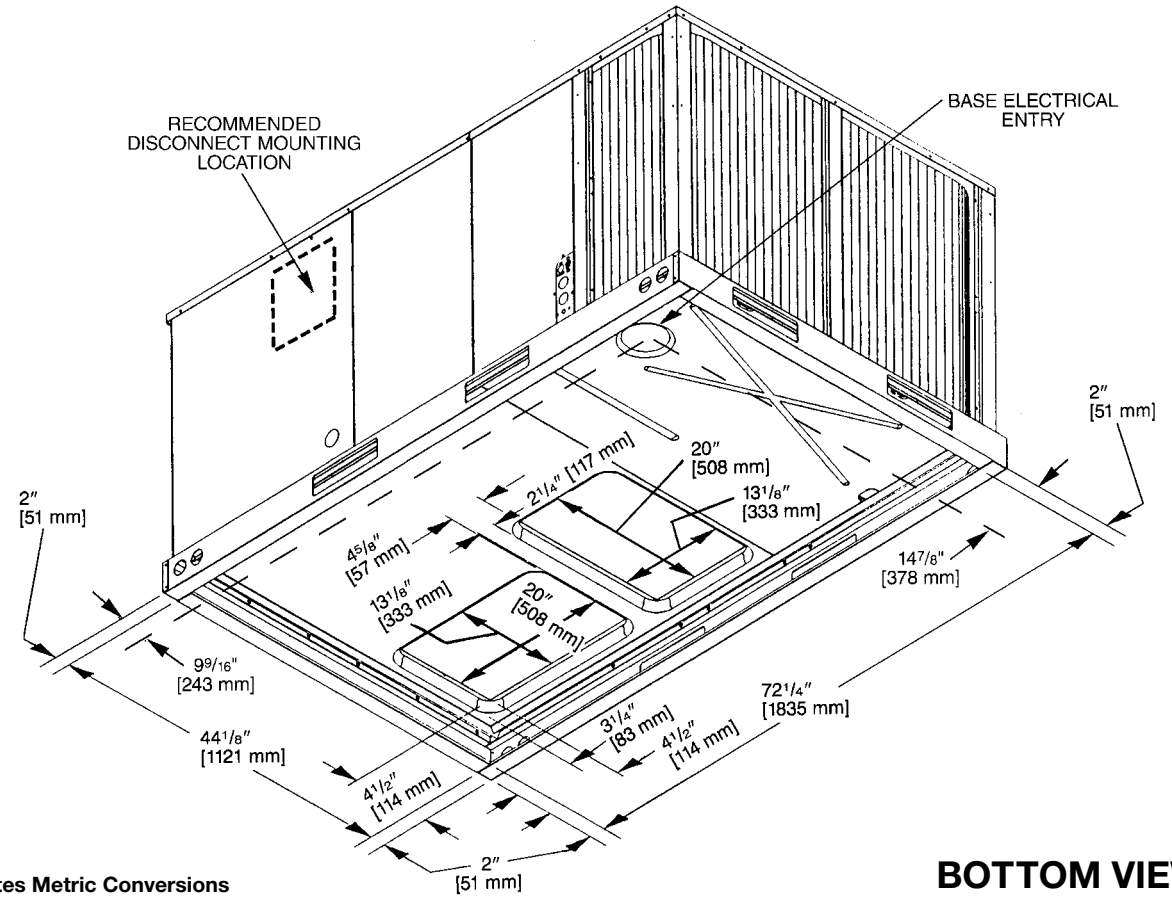

**SUPPLY AND RETURN DIMENSIONS**




**[ ] Designates Metric Conversions**

# 3 TO 5 TON [10.6 TO 17.6 kW] MODELS




**BOTTOM VIEW**

**[ ] Designates Metric Conversions**

# WEIGHTS

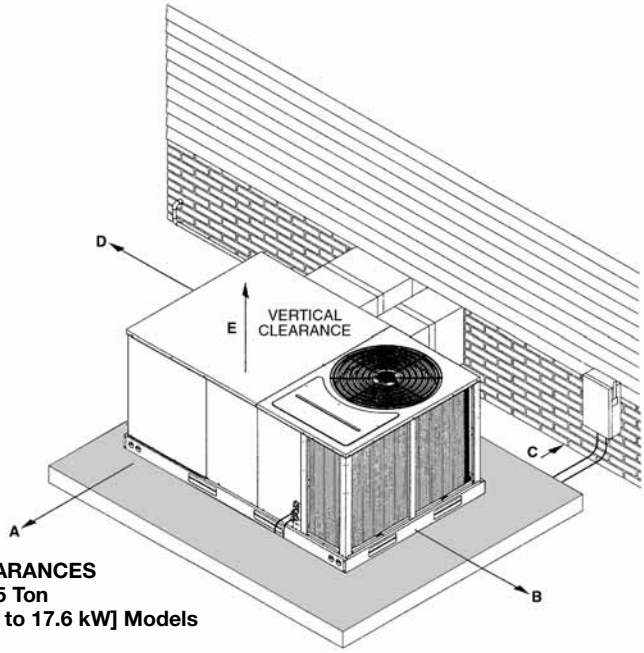
| Accessory | 3-5 Ton [10.6-17.6 kW] | |
|---|---|---|
| | Shipping | Operating |
| | lbs [kg] | lbs [kg] |
| Economizer with Single Enthalpy | 70 [32] | 60 [27] |
| Power Exhaust | 70 [32] | 67 [30] |
| Fresh Air Damper (Manual) | 11 [5] | 9 [4] |
| Fresh Air Damper (Motorized) | 13 [6] | 11 [5] |
| Roof Curb 14" | 92 [42] | 88 [40] |
| Roof Curb 24" | 108 [49] | 104 [47] |
| Concentric Diffuser 18" Flush | 37 [17] | 26 [12] |
| Concentric Diffuser 20" Flush | 54 [24] | 42 [19] |
| Side Discharge Concentric Diffuser RXRN-FA60 | 35 [16] | 20 [9] |
| Side Discharge Concentric Diffuser RXRN-FA65 | 55 [25] | 40 [18] |

**CLEARANCES**
**(3 to 5 Ton [10.6 to 17.6 kW] Models)**

The following minimum clearances are recommended for proper unit performance and serviceability.

| Recommended Clearance in. [mm] | Location |
|---|---|
| 48 [1219] | A - Front |
| 18 [457] | B - Condenser Coil |
| *12 [305] | C - Duct Side |
| 36 [914] | D - Evaporator End |
| 60 [1524] | E - Above |
| *57" [1448 mm] With Economizer | |

**NOTE:** Supply duct may be installed with “0” inch clearance to combustible materials, provided 1" [25.4 mm] minimum. Fiberglass insulation is applied either inside or on the outside of the duct.



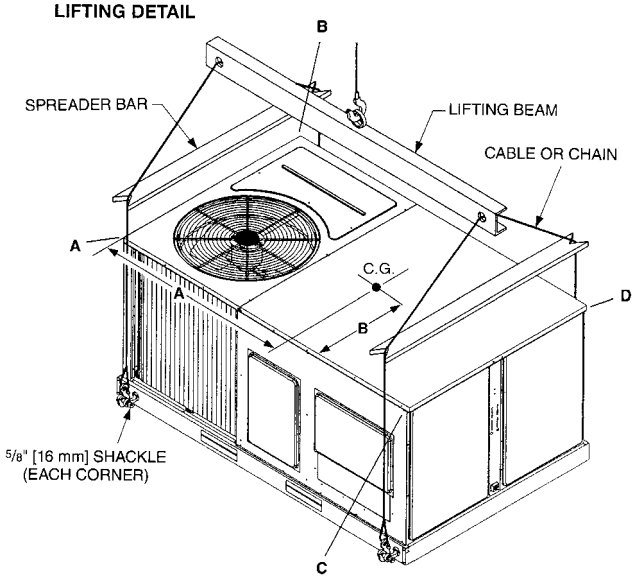

**CLEARANCES**
**3 to 5 Ton**
**[10.6 to 17.6 kW] Models**

**CENTER OF GRAVITY (C.G.)**

| Capacity Tons [kW] | A in. [mm] | B in. [mm] |
|---|---|---|
| 3-5 [10.6-17.6] | 38 1/4 [972] | 25 3/4 [654] |

| Capacity Tons [kW] | Corner Weights by Percentage | | | |
|---|---|---|---|---|
| | A | B | C | D |
| 3-5 [10.6-17.6] | 22% | 27% | 23% | 28% |

**LIFTING DETAIL**




**[ ] Designates Metric Conversions**

| Accessory Description | Model Application 3 to 5 Ton [10.6 to 17.6 kW] | Accessory Model No. 3 to 5 Ton [10.6 to 17.6 kW] | Factory Installed 3 to 5 Ton [10.6 to 17.6 kW] |
|---|---|---|---|
| Thermostats | RLNL-/RLPL- | See Thermostat Specification Sheet (T11-001) | No |
| Electric Heater Kits | RLNL-/RLPL- | RXJJ-A06 (J,C,D)<br>RXJJ-A10 (J,C,D)<br>RXJJ-A11 (J,C,D)<br>RXJJ-A12 (J,C,D)<br>RXJJ-A15 (J,C,D)<br>RXJJ-A20 (J,C,D)<br>RXJJ-A21 (J,C,D)<br>RXJJ-A24 (J,C,D) | See Heater Kit Electric Table |
| Roofcurb 14" | RLNL-/RLPL- | RXKG-CAD14 | No |
| Roofcurb 24" | RLNL-/RLPL- | RXKG-CAD24 | No |
| Roofcurb Adapters | RLNL-/RLPL- | RXRX-BBCDB21<br>RXRX-BBCDB22<br>RXRX-BBCDB23 | No |
| Economizer with Single Enthalpy ① | RLNL-/RLPL- | AXRD-MECM3 | Yes |
| Dual Enthalpy Kit | RLNL-/RLPL- | RXRX-AV02 | No |
| $CO_2$ Sensor | RLNL-/RLPL- | RXRX-AR02 | No |
| Power Exhaust | RLNL-/RLPL- | AXRX-BGF04 (C, D & Y) | No |
| Fresh Air Damper Manual | RLNL-/RLPL- | AXRF-FBA1 | No |
| Fresh Air Damper Motorized | RLNL-/RLPL- | AXRF-FBB1 | No |
| Rectangular to Round 18" Duct Adapters for Concentric Diffuser | RLNL-/RLPL- | RXMC-CB03 | No |
| Rectangular to Round 20" Duct Adapters for Concentric Diffuser | RLNL-/RLPL- | RXMC-CB04 | No |
| Concentric Diffuser 18" Step | RLNL-/RLPL- | RXRN-FA60,<br>RXRN-FA65 | No |
| Concentric Diffuser 18" Flush | RLNL-/RLPL- | RXRN-FA70,<br>RXRN-FA75 | No |
| Rectangular to Round 16" Side | RLNL-/RLPL- | RXMC-BB01 | No |
| Louver Kit (3 Sides) | RLNL-/RLPL- | AXRX-AAD01B | Yes |
| Time Delay | RLNL-/RLPL- | RXMD-B01 | Yes |
| Low Ambient Control to 0°F [-18°C] | RLNL-/RLPL- | RXRZ-B01 | Yes |

*Voltage
J = 208-230 VAC-1PH-60HZ D = 460 VAC-3PH-60HZ
C = 208-230 VAC-3PH-60HZ

**NOTES:** ① Economizer is designed for downflow or horizontal applications.

**[ ] Designates Metric Conversions**

# THERMOSTATS

**200-Series ***
Programmable

**300-Series ***
Deluxe
Programmable

**400-Series ***
Special Applications/
Programmable

**500-Series ***
Communicating/
Programmable

| Brand | | Descripter (3 Characters) | Series (3 Characters) | System (2 Characters) | Type (2 Characters) |
|---|---|---|---|---|---|
| **RHC** | **-** | **TST** | **213** | **UN** | **MS** |
| RHC=Rheem | | TST=Thermostat | 200=Programmable<br>300=Deluxe Programmable<br>400=Special Applications/ Programmable<br>500=Communicating/ Programmable | GE=Gas/Electric<br>UN=Universal (AC/HP/GE)<br>MD=Modulating Furnace<br>DF=Dual Fuel<br>CM=Communicating | SS=Single-Stage<br>MS=Multi-Stage |

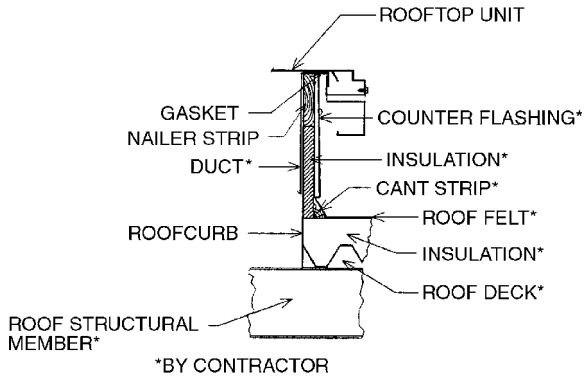
** Photos are representative. Actual models may vary.*

*For detailed thermostat match-up information, see specification sheet form number T11-001.*

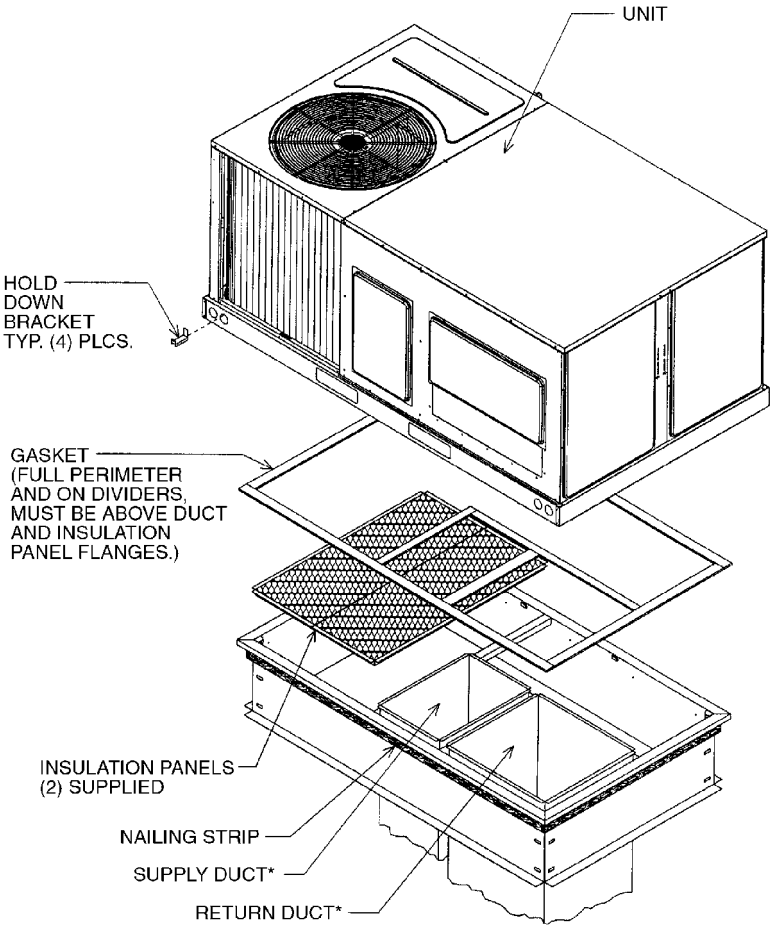
# ROOFCURBS (Full Perimeter)

- Rheem's new roofcurb design can be utilized on 3 through 5 ton [10.6-17.6 kW] models.
- Two available heights (14" [356 mm] and 24" [610 mm]) for ALL models.
- Quick assembly corners for simple and fast assembly.
- Opening provided in bottom pan to match the "Thru the Curb" electrical connection opening provided on the unit base pan.
- 2" [51 mm] x 4" [102 mm] Nailer provided.
- Insulating panels provided.
- Sealing gasket (28" [711 mm]) provided with Roofcurb.
- Packaged for easy field assembly.

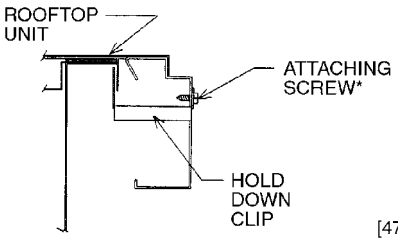
| Roofcurb Model | Height of Curb |
|---|---|
| RXKG-CAD14 | 14" [356 mm] |
| RXKG-CAD24 | 24" [610 mm] |

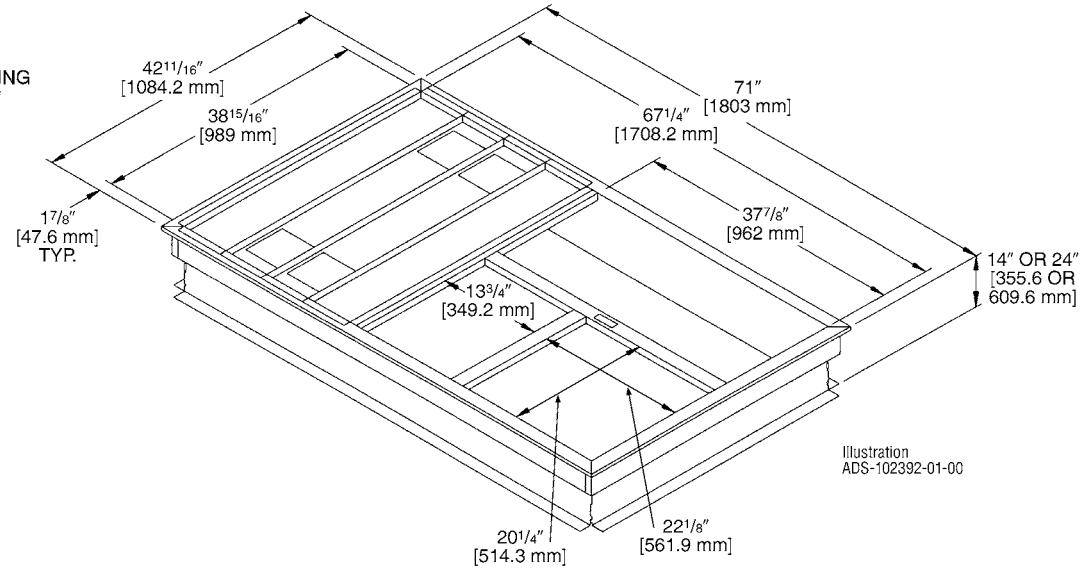



**TYPICAL INSTALLATION**




**ROOFCURB FOR**
**RLNL 3-5 TON [10.6-17.6 kW] MODELS**
**RLPL 3-5 TON [10.6-17.6 kW] MODELS**




**[ ] Designates Metric Conversions**

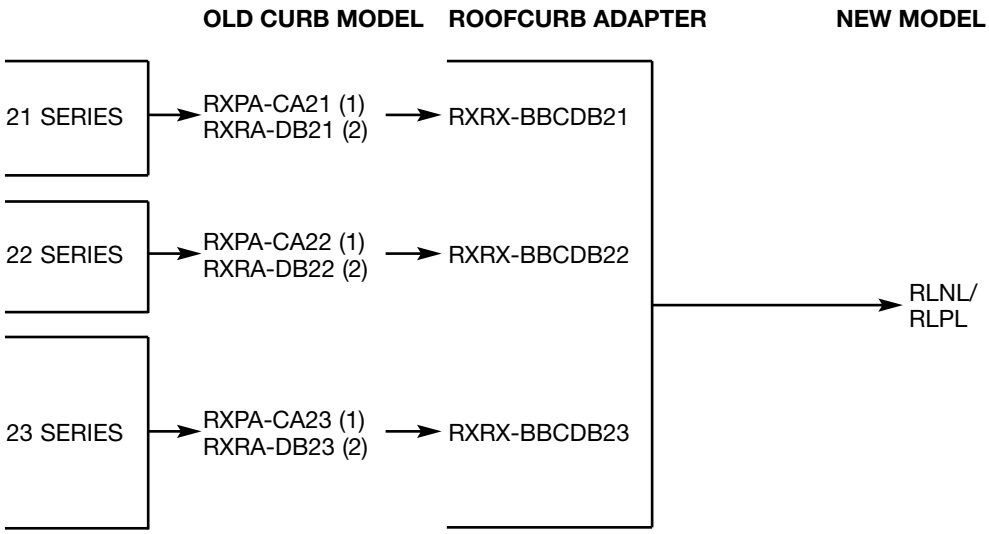
# ROOFCURB ADAPTERS

**Old Models**

**MEDIUM CABINET (3 TON [11 kW])**
(-)SNC, (-)SND, (-)SNE
(-)RGE, (-)RGF, (-)RGG
(-)PNC, (-)PND

**LARGE CABINET**
**(3-3.5 TON [11-12 kW])**
(-)RGE, (-)RGF, (-)RGG,
(-)RGH (3 TON [11 kW])

**EXTRA LARGE CABINET**
**(3.5-5 TON [12-18 kW])**
(-)SNC, (-)SND, (-)SNE
(-)RGE, (-)RGF,
(-)RGG (4-5 TON [14-18 kW])
(-)PNC, (-)PND, (-)RGH
(3.5, 4 TON [12-14 kW])




## Field Installed Resistance Heater Kits

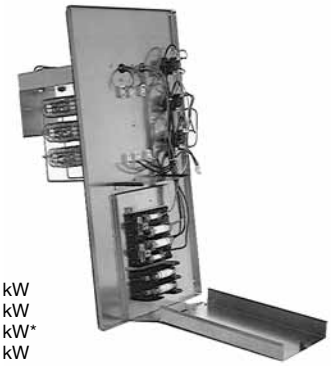
Electric Heater Kits are designed for field installation using either single-point power wiring or dual circuit wiring. Low voltage plugs are provided to allow for quick
connection to the unit. Removing a block-off panel on the unit allows the heater elements to be inserted into the supply air down stream from the indoor coil and supply air blower.

**[ ] Designates Metric Conversions**

**Model Number Identifier:**

**R X J J — A 15 C**

- C — Electrical Designation
  J = 208-230 V, 1 PH, 60 Hz
  C = 208-230 V, 3 PH, 60 Hz
  D = 460 V, 3 PH, 60 Hz
- 15 — Nominal Heater kW
  06 = 6 kW
  10 = 10 kW
  11 = 11 kW*
  12 = 12 kW
  15 = 15 kW
  20 = 20 kW
  21 = 21 kW*
  24 = 24 kW
  * Canadian Models Only
- A — Design Series
  A = Initial Design
- J — Accessory Designation
  J = Electric Heater
- J — Accessory Classification
  J = Packaged Heat Pump
- X = Accessory
- R = Trade Name



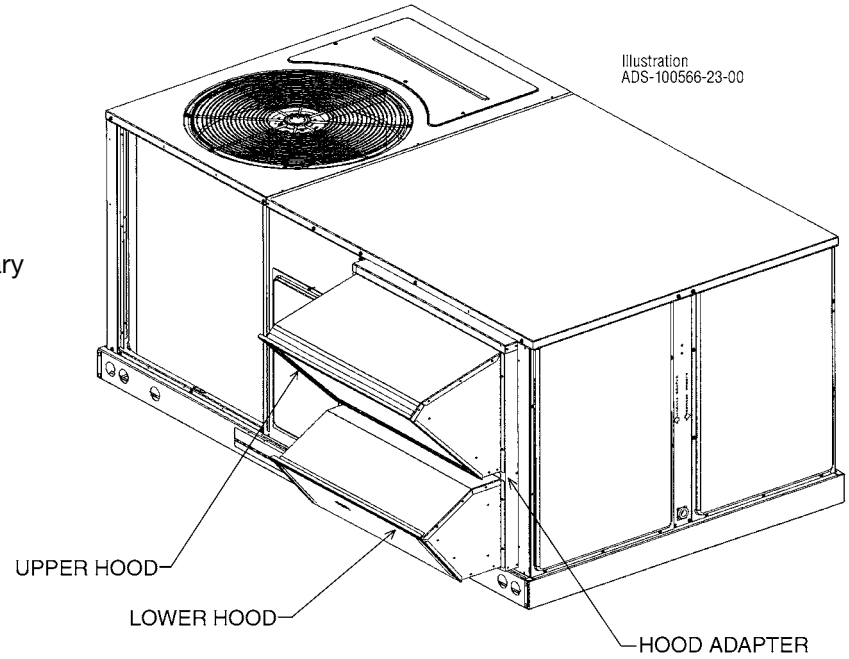
# ECONOMIZERS

**AXRD-MECM3—RLNL 3-5 Ton [10.6-17.6 kW] Models**
**RLPL 3-5 Ton [10.6-17.6 kW] Models**

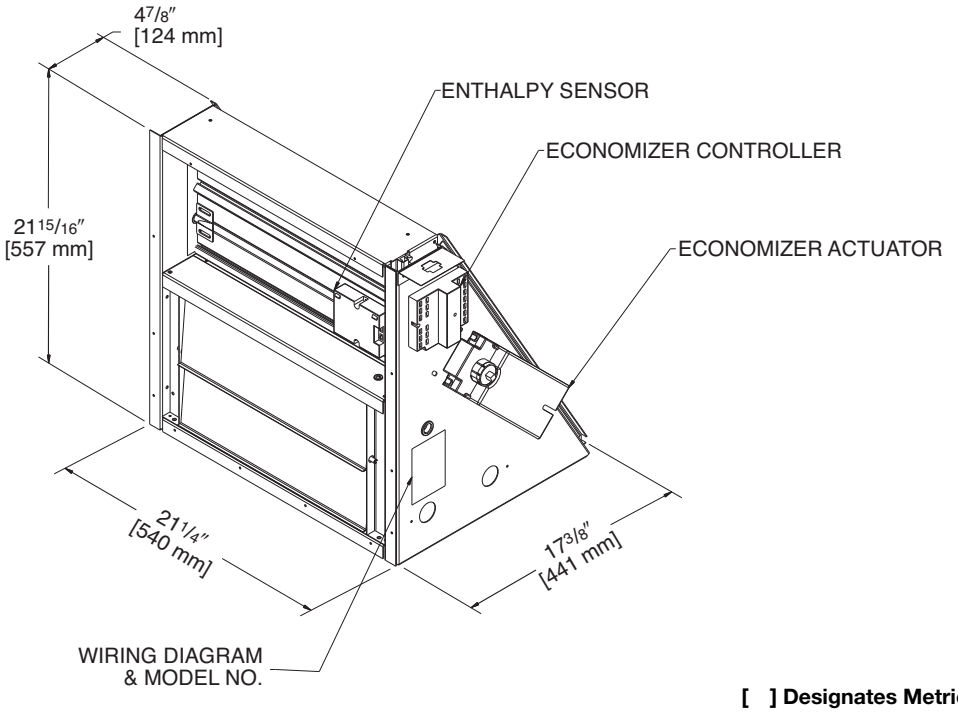
**RXRX-AV02—Dual Enthalpy Kit**
**3-5 Ton [10.6-17.6 kW] Models**

**RXRX-AR02—3-5 Ton [10.6-17.6 kW] Models Optional $CO_2$ Sensor**

- Features **Honeywell** Controls
- Available factory installed or field accessory
- Gear Driven Direct Drive Actuator
- Fully Modulating (0-100%)
- Low Leakage Dampers
- Horizontal or Downflow Applications
- Slip-In Design for Easy Installations
- Plug-In Polarized 9-pin Electrical Connections
- Pre-configured—No Field Adjustments Necessary
- Standard Barometric Relief Damper Provided
- Single Enthalpy with Dual Enthalpy Upgrade Kit
- $CO_2$ Input Sensor Available (Field Installed)
- Economizer slips in complete for Downflow or Horizontal Duct application
- Field Assembled Hood Ships with Economizer
- Optional Remote Minimum Position (Honeywell #S963B1128) is Available from ProStock
- Field Installed Power Exhaust Available




**3-5 Ton [10.6-17.6 kW] Models**

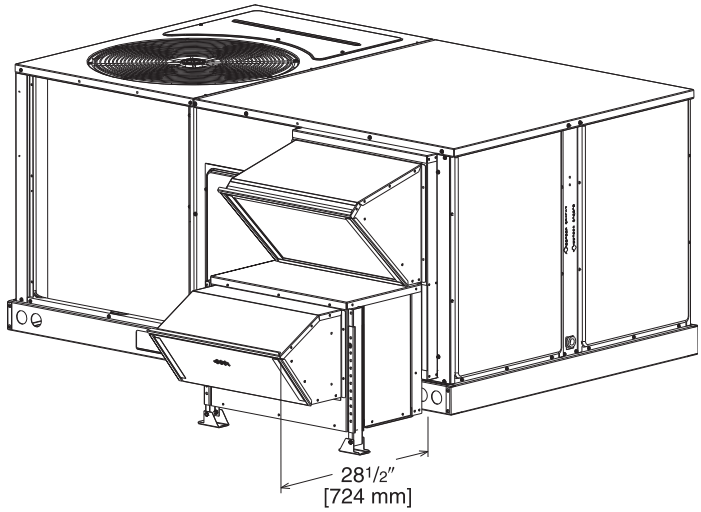



**[ ] Designates Metric Conversions**

# INTEGRAL POWER EXHAUST FOR ECONOMIZER (FIELD INSTALLED ONLY)

**AXRX-BGF04C – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models 208-230V, 1 PH and 3 PH, 60 Hz**
**AXRX-BGF04D – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models 460V, 3 PH, 60 Hz**
**AXRX-BGF04Y – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models 575V, 3 PH, 60 Hz**

- For **Honeywell** Economizer
- Downflow or horizontal applications
- Requires separate 208-230 Volt – 1 PH power supply with disconnect or requires separate 460V – 3 PH power supply with disconnect
- Adjustable switch on economizer, factory preset to energize power exhaust at 95% outside air position
- Polarized plug connects power exhaust relay to economizer



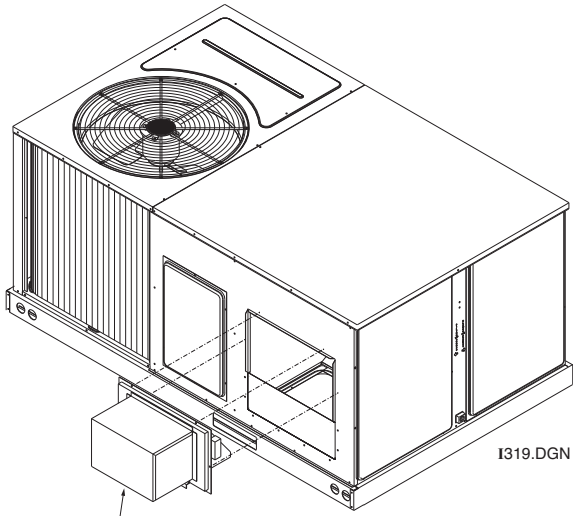

# POWER EXHAUST KIT FOR RXRD-MECM(-) ECONOMIZERS

| Model No. | No. of Fans | Volts | Phase | Watts (ea.) | High Speed | | FLA (ea.) | LRA (ea.) |
|---|---|---|---|---|---|---|---|---|
| | | | | | CFM ① | RPM | | |
| AXRX-BGF04C | 1 | 208/230 | 1 | 1000 | 2500 | 1725 | 4.4 | 23.7 |
| AXRX-BGF04D | 1 | 460 | 1 | 800 | 2370 | 1620 | 1.8 | 4.1 |
| AXRX-BGF04Y | 1 | 575 | 1 | 800 | 2370 | 1620 | 1.5 | 3.3 |

AXRX-BGF04C – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models 208/230V, 1PH and 3PH, 60 Hz
AXRX-BGF04D – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models 460V, 3PH, 60 Hz
AXRX-BGF04Y – RLNL 3-5 Ton [10.6-17.6 kW] Models & RLPL 3-5 Ton [10.6-17.6 kW] Models 575V, 3PH, 60 Hz

# FRESH AIR DAMPER

**RLNL 3-5 Ton [10.6-17.6 kW] Models**
**RLPL 3-5 Ton [10.6-17.6 kW] Models**
AXRF-FBA1 (Manual)
AXRF-FBB1 (Motorized)

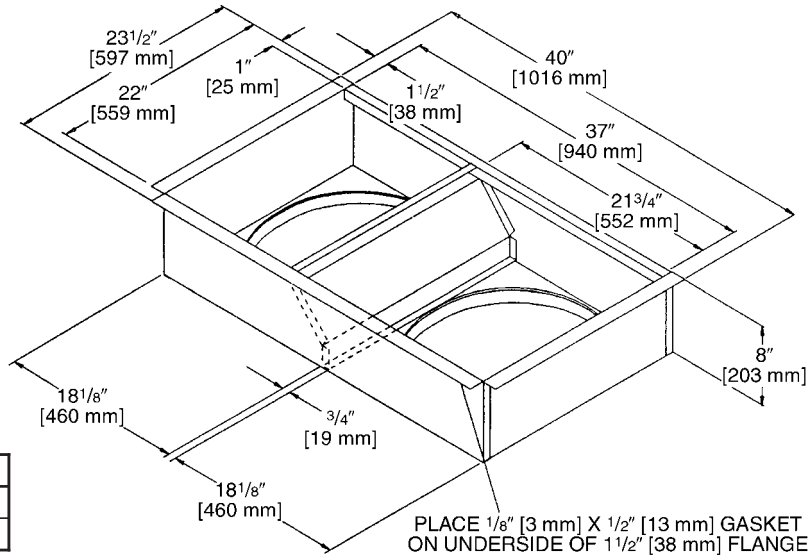



**[ ] Designates Metric Conversions**

# DUCT ADAPTERS (RLNL 3 TO 5 TON [10.6 TO 17.6 kW] MODELS) (RLPL 3 TO 5 TON [10.6 TO 17.6 kW] MODELS)

## Rectangular to Round Transitions (Downflow)

Two sizes available (18" [457 mm] and 20" [508 mm] round) fit all units. Drops into and secures to RXKG- Series Roofcurbs.
**For use with Concentric Diffusers.**



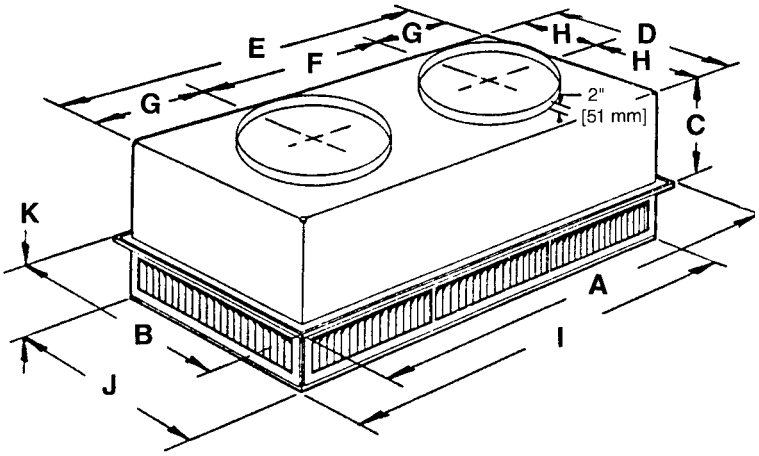

| Accessory Model No. | Model Application Tons [kW] | Size in. [mm] |
|---|---|---|
| RXMC-CB03 | 3-5 [10.6-17.6] | 18 [457] Round |
| RXMC-CB04 | 3-5 [10.6-17.6] | 20 [508] Round |

**[ ] Designates Metric Conversions**

## SIDE DISCHARGE CONCENTRIC DIFFUSER

**RXRN-FA60 (3 to 5 Ton [10.6 to 17.6 kW] Models)**
**RXRN-FA65 (3 to 7.5 Ton [10.6 to 26.4 kW] Models)**

**For Use With Duct Adapter (RXMC)**




## DIMENSIONAL DATA

| Model No. | A | B | C | D | E | F | G | H | I | J | K | Duct Size |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RXRN-FA60 | 47 5/8" [1210 mm] | 23 5/8" [600 mm] | 11 3/8" [289 mm] | 21 1/2" [546 mm] | 45 1/2" [1156 mm] | 22 1/2" [572 mm] | 11 1/2" [292 mm] | 10 3/4" [273 mm] | 45 1/2" [1156 mm] | 21 1/2" [546 mm] | 7 1/8" [181 mm] | 18RD |
| RXRN-FA65 | 47 5/8" [1210 mm] | 29 5/8" [752 mm] | 14 3/8" [365 mm] | 27 1/2" [699 mm] | 45 1/2" [1156 mm] | 22 1/2" [572 mm] | 11 1/2" [292 mm] | 13 3/4" [349 mm] | 45 1/2" [1156 mm] | 27 1/2" [699 mm] | 8 1/8" [206 mm] | 20RD |

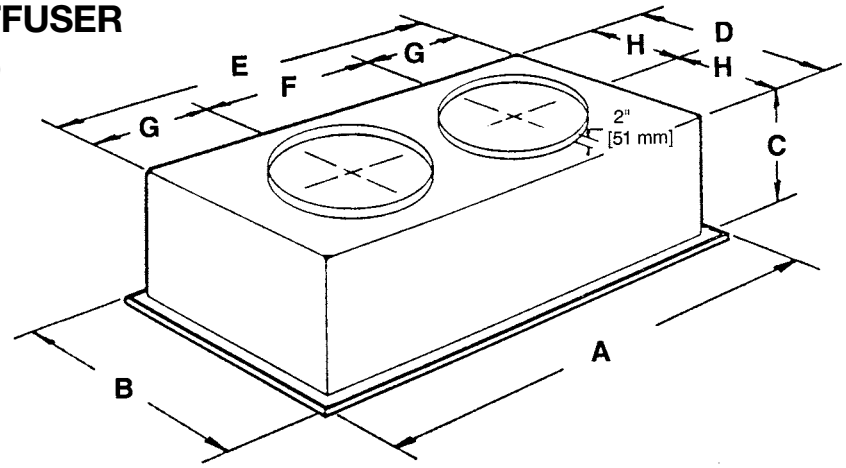
## ENGINEERING DATA

| Model No. | CFM [L/s] | Static Pressure | Throw Feet | Neck Vel. | Jet Vel. | Noise Level |
|---|---|---|---|---|---|---|
| RXRN-FA60 | 1000 [472] | .14 | 10-17 | 351 | 351 | 20 |
| | 1200 [566] | .17 | 11-18 | 421 | 421 | 20 |
| | 1400 [661] | .20 | 12-19 | 491 | 491 | 20 |
| | 1600 [755] | .24 | 12-20 | 561 | 561 | 20 |
| | 1800 [850] | .30 | 13-21 | 632 | 632 | 20 |
| | 2000 [944] | .36 | 14-23 | 702 | 702 | 20 |
| | 2200 [1038] | .40 | 16-25 | 772 | 772 | 20 |
| RXRN-FA65 | 2600 [1227] | .17 | 24-29 | 669 | 669 | 20 |
| | 2800 [1321] | .20 | 25-30 | 720 | 720 | 25 |
| | 3000 [1416] | .25 | 27-33 | 772 | 772 | 25 |
| | 3200 [1510] | .31 | 28-35 | 623 | 623 | 25 |
| | 3400 [1605] | .37 | 30-37 | 874 | 874 | 30 |

# FLUSH MOUNT CONCENTRIC DIFFUSER

**RXRN-FA70 (3 to 5 Ton [10.6 to 17.6 kW] Models)**

**For Use With Duct Adapter (RXMC)**




## DIMENSIONAL DATA

| Model No. | A | B | C | D | E | F | G | H | Duct Size |
|---|---|---|---|---|---|---|---|---|---|
| RXRN-FA70 | 47 5/8" [1210 mm] | 23 5/8" [600 mm] | 13 1/2" [343 mm] | 21" [533 mm] | 45" [1143 mm] | 22 1/2" [572 mm] | 11 1/4" [286 mm] | 10 1/2" [267 mm] | 18RD |
| RXRN-FA75 | 47 5/8" [1210 mm] | 29 5/8" [752 mm] | 16 5/8" [442 mm] | 27" [666 mm] | 45" [1143 mm] | 22 1/2" [572 mm] | 11 1/4" [286 mm] | 13 1/2" [343 mm] | 20RD |

## ENGINEERING DATA

| Model No. | CFM [L/s] | Static Pressure | Throw Feet | Neck Vel. | Jet Vel. | Noise Level |
|---|---|---|---|---|---|---|
| RXRN-FA70 | 1000 [472] | .14 | 15-20 | 391 | 694 | 20 |
| | 1200 [566] | .17 | 16-22 | 469 | 833 | 25 |
| | 1400 [661] | .20 | 17-24 | 547 | 972 | 30 |
| | 1600 [755] | .24 | 18-25 | 625 | 1111 | 30 |
| | 1800 [850] | .30 | 20-28 | 703 | 1250 | 35 |
| | 2000 [944] | .36 | 21-29 | 781 | 1389 | 40 |
| | 2200 [1038] | .40 | 22-30 | 859 | 1528 | 40 |
| RXRN-FA75 | 2600 [1227] | .17 | 19-24 | 663 | 1294 | 30 |
| | 2800 [1321] | .20 | 20-28 | 714 | 1393 | 35 |
| | 3000 [1416] | .25 | 21-29 | 765 | 1492 | 35 |
| | 3200 [1510] | .31 | 22-29 | 616 | 1592 | 40 |
| | 3400 [1605] | .37 | 22-30 | 667 | 1692 | 40 |

**[ ] Designates Metric Conversions**

# SAMPLE SPECIFICATIONS

Unit shall be completely factory assembled and performance tested to provide the required cooling and heating functions suitable for outdoor installations. Unit shall be UL/cUL listed and rated in accordance to AHRI Standard 210.

**Cabinet**
Unit casing, base pan and framework shall be manufactured of galvanized sheet metal primed and finished with powder paint capable of withstanding a 1000-hour salt spray test per ASTM B 117. Unit interior cabinet surfaces shall be insulated with a minimum 1/2-inch thick foil faced insulation. Access panels shall be easily removable providing access to the blower, filter, heating compartment, and compressor/control box. Unit base rails shall be provided with fork insertion slots and rigging holes. Condensate drain pan shall be of sloped design to conform to ASHRAE 62. Unit shall be supplied ready for vertical airflow and be easily convertible to horizontal airflow at or before installation.

**Compressor(s)**
Unit shall be provided with fully hermetic scroll compressor(s) with internally protected safety controls.

**Coils**
The evaporator and condenser coils shall be fabricated of copper tubes with mechanically bonded aluminum plate fins. They shall be pressure tested prior to assembly into the unit, and electronically leak tested after assembly.

**Condenser Fan**
A single direct drive propeller fan shall discharge air vertically upward. The fan motor shall be permanently lubricated and have built-in overload protection.

**Evaporator Blower**
A single, double inlet, centrifugal wheel shall rotate in permanently lubricated ball bearings. The wheel shall be made from steel with corrosion resistant finish and shall be statically and dynamically balanced.

# ACCESSORIES

**ROOF CURB**
Curb shall be full perimeter type, complying with the standards of the National Roofing Contractors Association. Design shall provide for drop-in of supply and return ducts prior to setting unit, and include an insulating panel for the rest of the curb area.

**Economizer**
Economizer shall be completely assembled for field installation. Unit shall include all controls and dampers including the barometric relief damper.

**Manual Fresh Air Damper**
Damper shall consist of damper and rainhood which is manually preset to admit up to 35% of outside air for field installation.

**Motorized Fresh Air Damper**
Damper shall consist of motor, damper, and rainhood which can admit up to 35% of outside air for field installation.

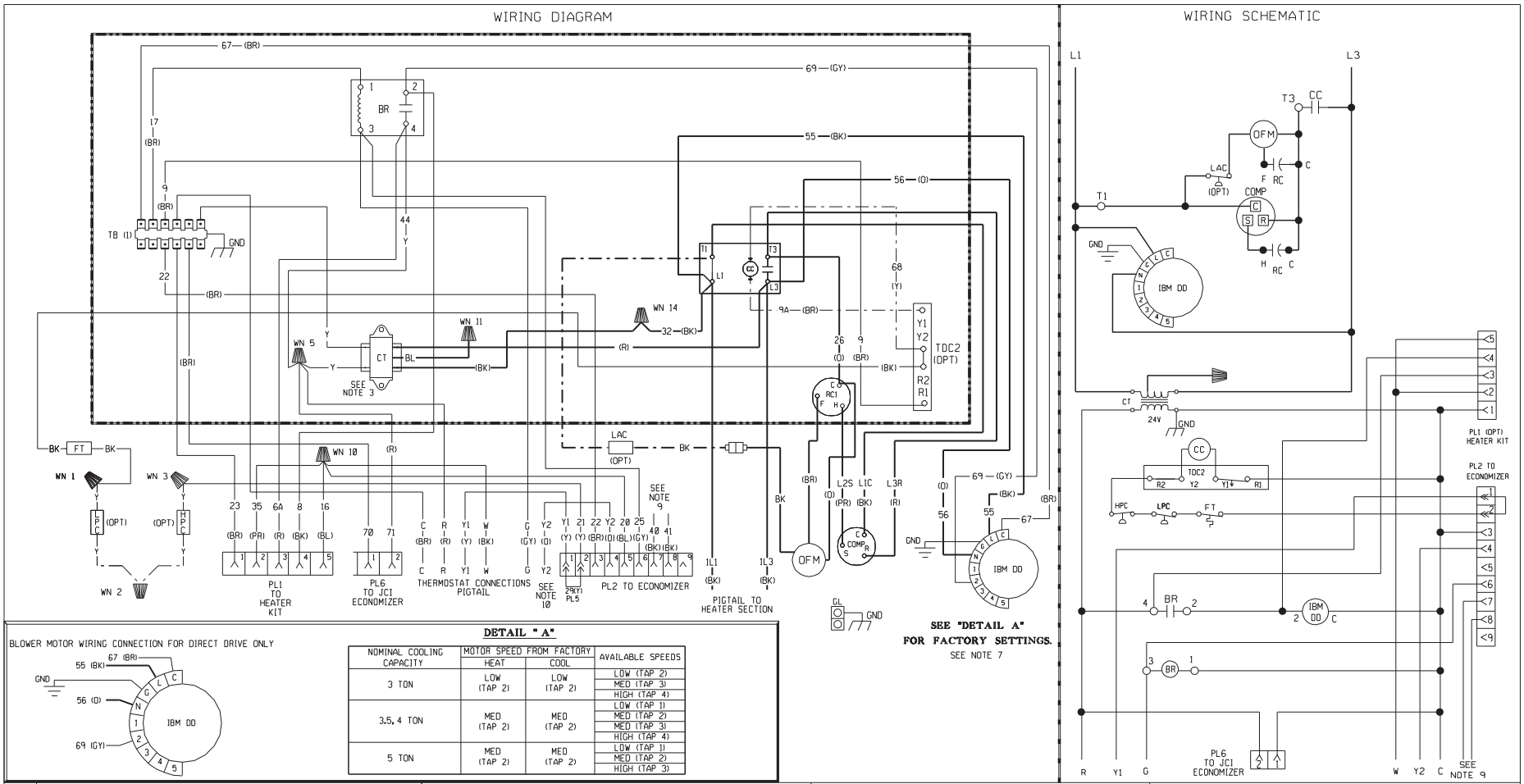
**Electric Heat Kits**
Electric heat kits shall be available in a wide range of capacity with branch circuit fusing allowing single point wiring. Kits shall be UL/cUL approved. Each kit shall be offered as a field or factory installed option.

**Pressure Controls**
High and low pressure controls shall be included for field or factory installation.

**Low Ambient Control**
Low ambient control shall be provided to cycle the condenser fan in response to condensing pressure and allow operation to 0 degrees F. The option shall be field or factory installed.

**Time Delay Control**
Time delay control shall be provided to prevent the compressor from restarting 5 minutes after shutdown. The control shall be field or factory installed.

**Louver Panel Kits**
Field or factory installed louver kits shall be provided for condenser coil protection against hail or flying debris.




## DETAIL " A"

BLOWER MOTOR WIRING CONNECTION FOR DIRECT DRIVE ONLY




| NOMINAL COOLING CAPACITY | MOTOR SPEED FROM FACTORY | | AVAILABLE SPEEDS |
|---|---|---|---|
| | HEAT | COOL | |
| 3 TON | LOW (TAP 2) | LOW (TAP 2) | LOW (TAP 2) |
| | | | MED (TAP 3) |
| | | | HIGH (TAP 4) |
| 3.5, 4 TON | MED (TAP 2) | MED (TAP 2) | LOW (TAP 1) |
| | | | MED (TAP 2) |
| | | | MED (TAP 3) |
| | | | HIGH (TAP 4) |
| 5 TON | MED (TAP 2) | MED (TAP 2) | LOW (TAP 1) |
| | | | MED (TAP 2) |
| | | | HIGH (TAP 3) |

## COMPONENT CODE

| | |
|---|---|
| BR | BLOWER RELAY |
| CC | COMPRESSOR CONTACTOR |
| COMP | COMPRESSOR |
| CT | CONTROL TRANSFORMER |
| FT | FREEZE STAT |
| GL | GROUND LUG |
| GND | GROUND |
| HPC | HIGH PRESSURE CONTROL |
| IBMDD | IDOOR BLOWER MOTOR DIRECT DRIVE |
| LAC | LOW AMBIENT COOLING CONTROL |
| LPC | LOW PRESSURE CONTROL |
| OFM | OUTDOOR FAN MOTOR |
| PL | PLUG |
| RC | RUN CAPACITOR |
| TB | TERMINAL BLOCK (LOW VOLTAGE) |
| TDC | TIME DELAY CONTROL |
| WN | WIRE NUT |

## NOTES:

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. CONTROL TRANSFORMER PRIMARY LEADS: RED-COM., BLUE-208V., BLACK-230V.. TRANSFORMER FACTORY WIRED FOR 230 VOLTS ON "J" & "C" MODELS. INTERCHANGE BLACK & BLUE LEADS FOR 208 VOLT OPERATION.
4. CONTACTOR FACTORY WIRED. CONNECT FIELD WIRE TO FACTORY SUPPLIED PIGTAIL.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER, 24V, 50/60 HZ SUPPLIED.
6. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
7. MOTOR FACTORY WIRED FOR CORRECT SPEED.
8. SEE FUSE LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND CLASSIFICATION.
9. WIRES FROM PL2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
10. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.

## WIRING INFORMATION

LINE VOLTAGE
- -FACTORY STANDARD ——————
- -FACTORY OPTION —·—·—·—
- -FIELD INSTALLED - - - - - -

LOW VOLTAGE
- -FACTORY STANDARD ——————
- -FACTORY OPTION —·—·—·—
- -FIELD INSTALLED - - - - - -

REPLACEMENT WIRE
- -MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C°MIN.)

WARNING
- -CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.

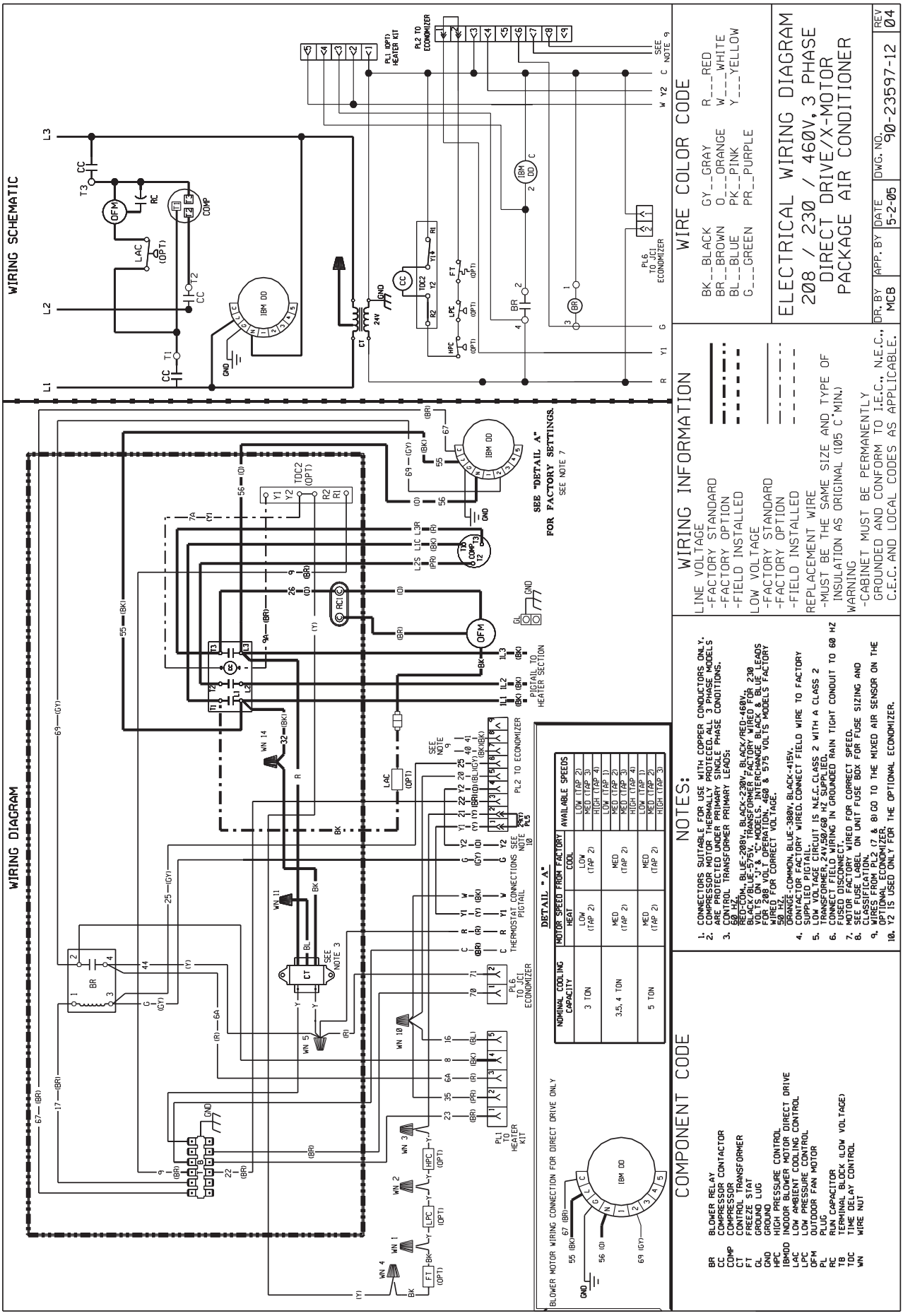
## WIRE COLOR CODE

| | | |
|---|---|---|
| BK__BLACK | GY__GRAY | R___RED |
| BR__BROWN | O___ORANGE | W___WHITE |
| BL__BLUE | PK__PINK | Y___YELLOW |
| G___GREEN | PR__PURPLE | |

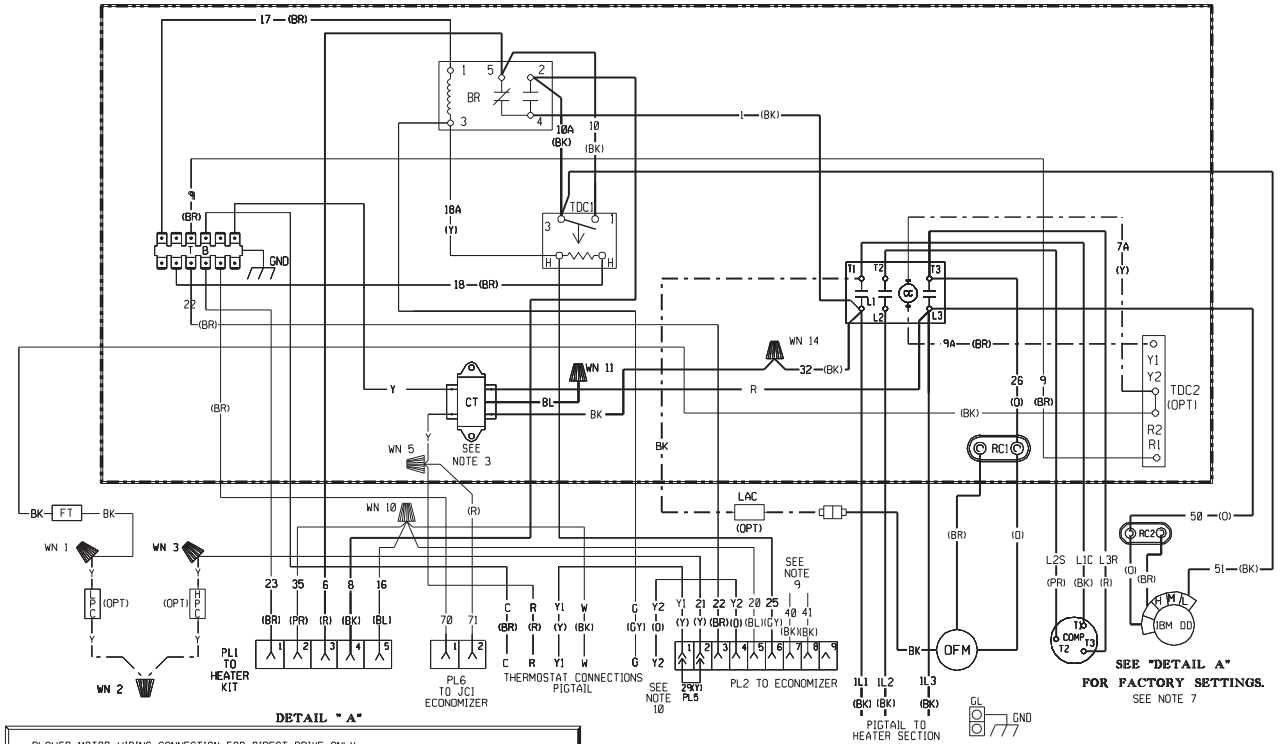
# ELECTRICAL WIRING DIAGRAM
## 208 / 230, 1 PHASE
## DIRECT DRIVE / X-MOTOR
## PACKAGE AIR CONDITIONER

| DR. BY | APP. BY | DATE | DWG. NO. | REV |
|---|---|---|---|---|
| MCB | | 5-02-05 | 90-23597-11 | 02 |

DWG. NO. 90-23597-11 REV 02

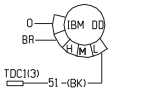

WIRING SCHEMATIC
WIRING DIAGRAM
ELECTRICAL WIRING DIAGRAM
208 / 230 / 460V, 3 PHASE
DIRECT DRIVE/X-MOTOR
PACKAGE AIR CONDITIONER
DR. BY MCB
APP. BY
DATE 5-2-05
DWG. NO. 90-23597-12
REV 04
WIRE COLOR CODE
BK__BLACK GY__GRAY R___RED
BR__BROWN O__ORANGE W___WHITE
BL__BLUE PK__PINK Y___YELLOW
G___GREEN PR__PURPLE
WIRING INFORMATION
LINE VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
LOW VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
REPLACEMENT WIRE
-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C MIN.)
WARNING
-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.
NOTES:
1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. CONTROL TRANSFORMER PRIMARY LEADS:
208, 230V
RED-COM, BLUE-208V, BLACK-230V, BLACK/RED-460V.
BLACK/BLUE-575V, TRANSFORMER FACTORY WIRED FOR 230 VOLTS ON "J" & "C" MODELS. INTERCHANGE BLACK & BLUE LEADS FOR 208 VOLTS. 380/415V, 460 & 575 VOLTS MODELS FACTORY WIRED FOR CORRECT VOLTAGE.
50 HZ
ORANGE-COMMON, BLUE-380V, BLACK-415V.
4. CONTACTOR FACTORY WIRED. CONNECT FIELD WIRE TO FACTORY SUPPLIED PIGTAIL.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER. 24V, 50/60 HZ SUPPLIED.
6. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
7. MOTOR FACTORY WIRED FOR CORRECT SPEED.
8. SEE FUSE LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND CLASSIFICATION.
9. WHEN #2, 17 & 81 GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
10. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.
DETAIL "A"
NOMINAL COOLING CAPACITY
MOTOR SPEED FROM FACTORY HEAT
MOTOR SPEED FROM FACTORY COOL
AVAILABLE SPEEDS
3 TON
3.5, 4 TON
5 TON
SEE "DETAIL A" FOR FACTORY SETTINGS.
SEE NOTE 7
COMPONENT CODE
BR BLOWER RELAY
CC COMPRESSOR CONTACTOR
COMP COMPRESSOR
CT CONTROL TRANSFORMER
FT FREEZE STAT
GL GROUND LUG
GND GROUND
HPC HIGH PRESSURE CONTROL
IBMDD INDOOR BLOWER MOTOR DIRECT DRIVE
LAC LOW AMBIENT COOLING CONTROL
LPC LOW PRESSURE CONTROL
OFM OUTDOOR FAN MOTOR
PL PLUG
RC RUN CAPACITOR
TB TERMINAL BLOCK (LOW VOLTAGE)
TDC TIME DELAY CONTROL
WN WIRE NUT
BLOWER MOTOR WIRING CONNECTION FOR DIRECT DRIVE ONLY
THERMOSTAT CONNECTIONS PIGTAIL
PL6 TO JCI ECONOMIZER
PL1 TO HEATER KIT
PL2 TO ECONOMIZER
PIGTAIL TO HEATER SECTION
SEE NOTE 3
SEE NOTE 9

## WIRING DIAGRAM



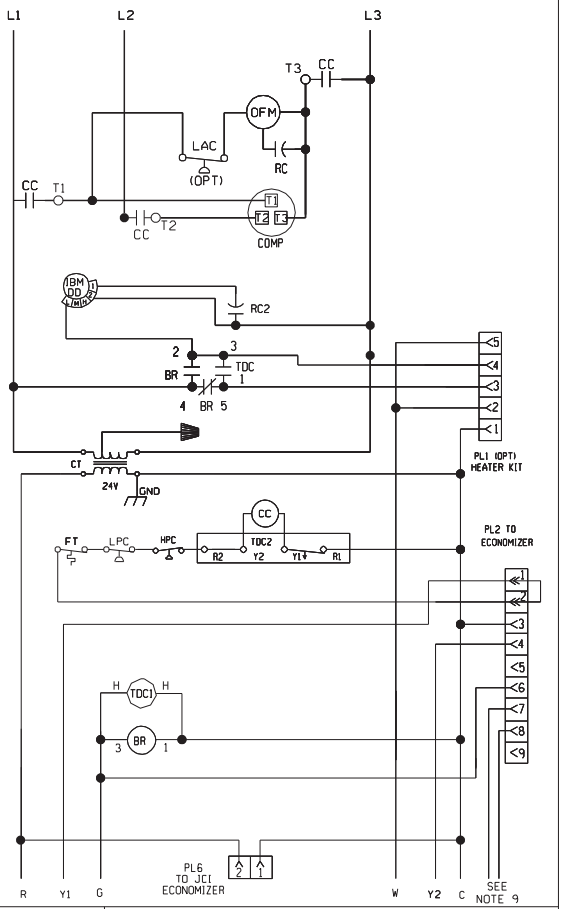

### DETAIL " A"

BLOWER MOTOR WIRING CONNECTION FOR DIRECT DRIVE ONLY
(LOW SPEED SHOWN)




| | FACTORY SET BLOWER SPEED | |
|---|---|---|
| MODEL | 13 SEER | |
| 3 TON | LOW | |
| 3.5 TON | MED. | |
| 4 TON | MED. | |

## WIRING SCHEMATIC




## COMPONENT CODE

| | |
|---|---|
| BR | BLOWER RELAY |
| CC | COMPRESSOR CONTACTOR |
| COMP | COMPRESSOR |
| CT | CONTROL TRANSFORMER |
| FT | FREEZE STAT |
| GL | GROUND LUG |
| GND | GROUND |
| HPC | HIGH PRESSURE CONTROL |
| IDMDD | INDUCED DRAFT MOTOR DIRECT DRIVE |
| LAC | LOW AMBIENT COOLING CONTROL |
| LPC | LOW PRESSURE CONTROL |
| OFM | OUTDOOR FAN MOTOR |
| PL | PLUG |
| RC | RUN CAPACITOR |
| TB | TERMINAL BLOCK (LOW VOLTAGE) |
| TDC | TIME DELAY CONTROL |
| WN | WIRE NUT |

## NOTES:

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. CONTROL TRANSFORMER PRIMARY LEADS: RED-COM., BLUE-208V., BLACK-230V.. TRANSFORMER FACTORY WIRED FOR 230 VOLTS ON "J" & "C" MODELS. INTERCHANGE BLACK & BLUE LEADS FOR 208 VOLT OPERATION.
4. CONTACTOR FACTORY WIRED. CONNECT FIELD WIRE TO FACTORY SUPPLIED PIGTAIL.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER. 24V,50/60 HZ SUPPLIED.
6. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
7. MOTOR FACTORY WIRED FOR CORRECT SPEED.
8. SEE FUSE LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND CLASSIFICATION.
9. WIRES FROM PL2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
10. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.

## WIRING INFORMATION

LINE VOLTAGE
- -FACTORY STANDARD
- -FACTORY OPTION
- -FIELD INSTALLED

LOW VOLTAGE
- -FACTORY STANDARD
- -FACTORY OPTION
- -FIELD INSTALLED

REPLACEMENT WIRE
- -MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C°MIN.)

WARNING
- -CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.

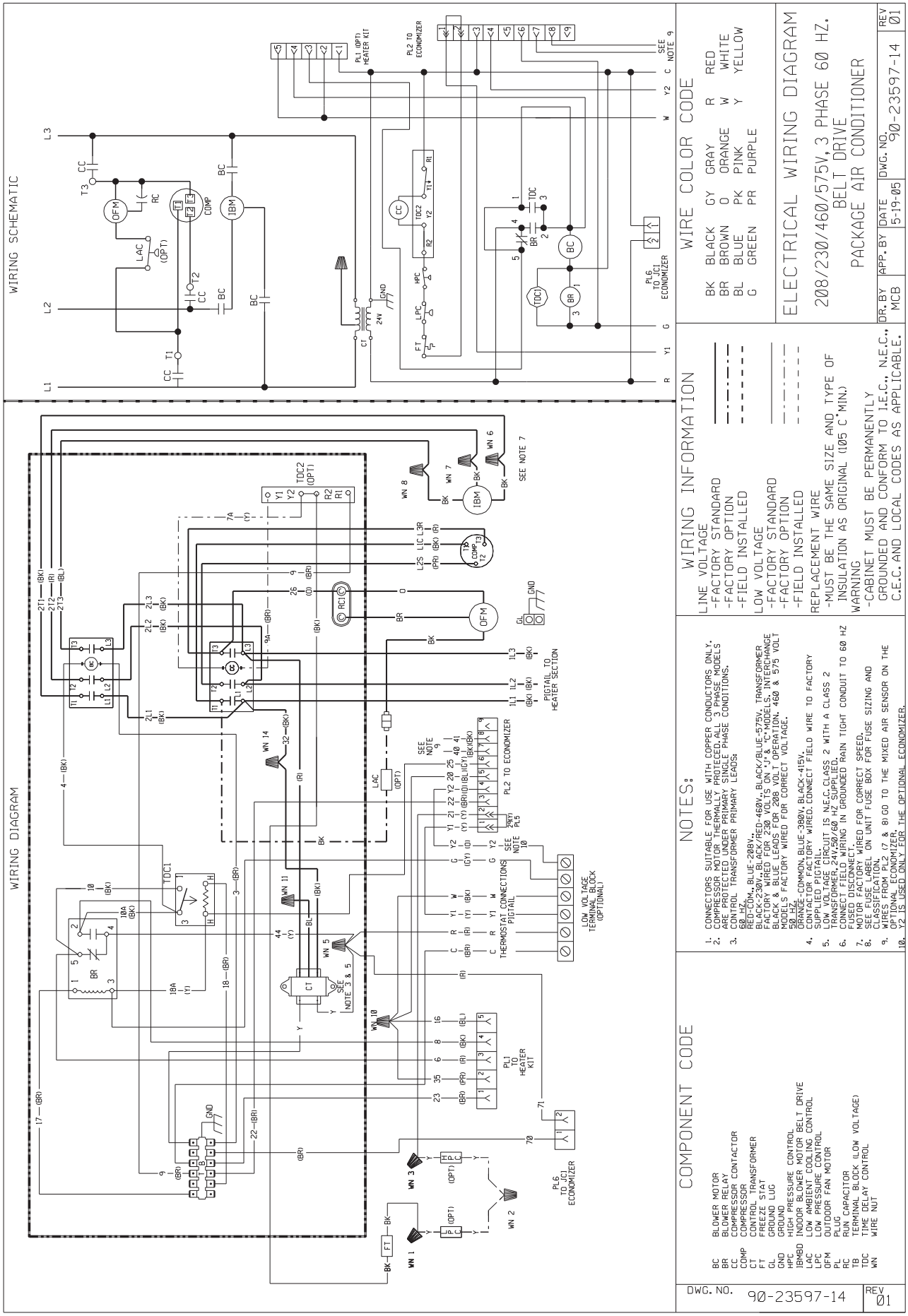
## WIRE COLOR CODE

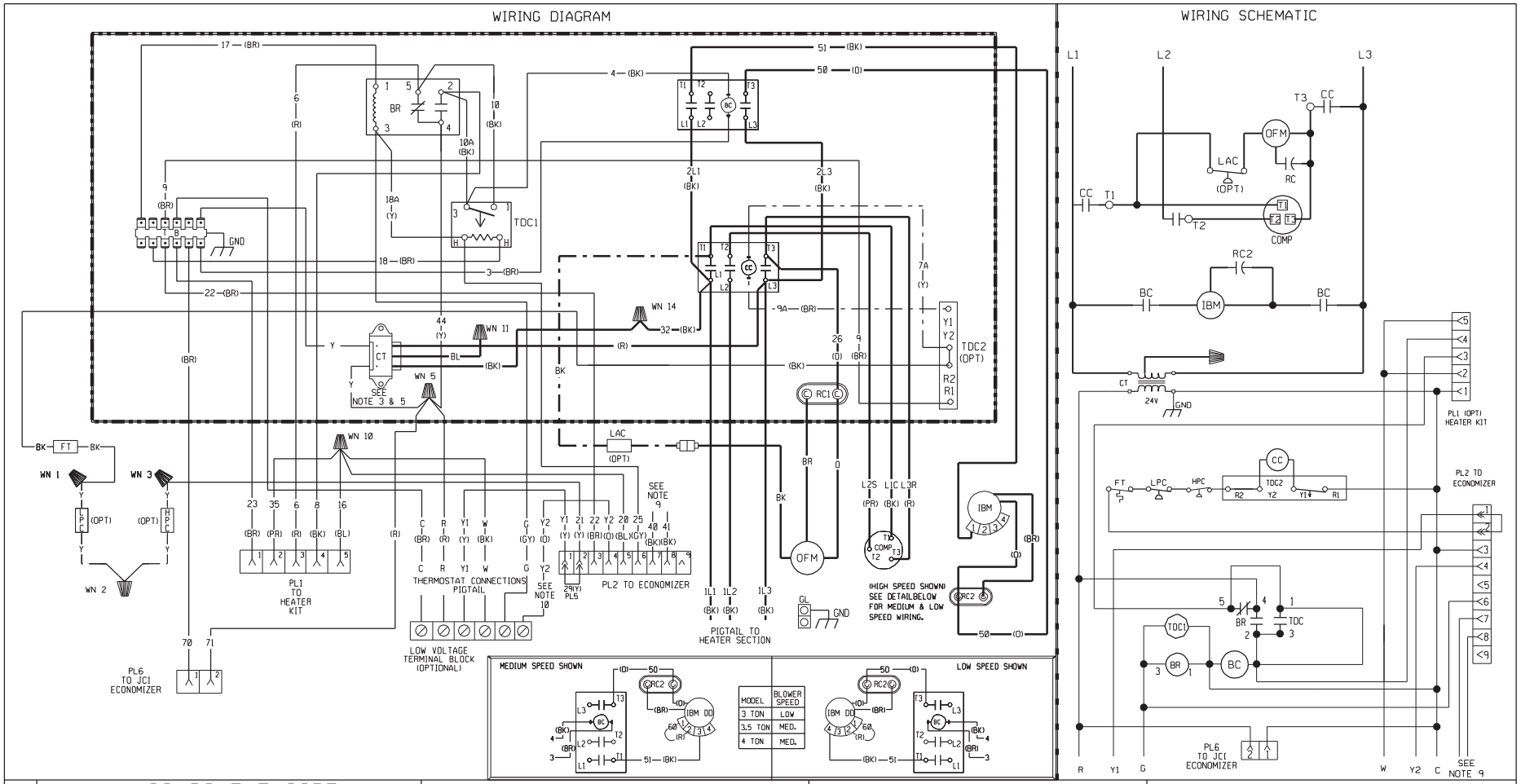
| | | |
|---|---|---|
| BK__BLACK | GY__GRAY | R___RED |
| BR__BROWN | O___ORANGE | W___WHITE |
| BL__BLUE | PK__PINK | Y___YELLOW |
| G___GREEN | PR__PURPLE | |

# ELECTRICAL WIRING DIAGRAM
## 208 / 230, 3 PHASE
## DIRECT DRIVE
## PACKAGE AIR CONDITIONER

| DR. BY | APP. BY | DATE | DWG. NO. | REV |
|---|---|---|---|---|
| MCB | | 5-19-05 | 90-23597-13 | 01 |

DWG. NO. 90-23597-13 REV 01


WIRING SCHEMATIC
WIRING DIAGRAM
COMPONENT CODE
BC BLOWER MOTOR
BR BLOWER RELAY
CC COMPRESSOR CONTACTOR
COMP COMPRESSOR
CT CONTROL TRANSFORMER
FT FREEZE STAT
GL GROUND LUG
GND GROUND
HPC HIGH PRESSURE CONTROL
IBMBD INDOOR BLOWER MOTOR BELT DRIVE
LAC LOW AMBIENT COOLING CONTROL
LPC LOW PRESSURE CONTROL
OFM OUTDOOR FAN MOTOR
PL PLUG
RC RUN CAPACITOR
TB TERMINAL BLOCK (LOW VOLTAGE)
TDC TIME DELAY CONTROL
WN WIRE NUT
NOTES:
1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. CONTROL TRANSFORMER PRIMARY LEADS:
60 HZ.
RED-COM., BLUE-208V.,
BLACK-230V., BLACK/YELLOW-460V., BLACK/BLUE-575V. TRANSFORMER FACTORY WIRED FOR 230 VOLT. "C" MODELS INTERCHANGE BLACK & BLUE LEADS FOR 208 VOLT OPERATION. 460 & 575 VOLT MODELS FACTORY WIRED FOR CORRECT VOLTAGE.
50 HZ.
ORANGE-COMMON, BLUE-380V., BLACK-415V.
4. CONTACTOR FACTORY WIRED. CONNECT FIELD WIRE TO FACTORY WIRE END.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER. 24V, 50/60 HZ SUPPLIED.
6. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
7. MOTOR FACTORY WIRED FOR CORRECT SPEED.
8. SEE FUSE LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND ADDITIONAL ELECTRICAL DATA.
9. WIRES FROM PL2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
10. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.
WIRING INFORMATION
LINE VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
LOW VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
REPLACEMENT WIRE
-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C° MIN.)
WARNING
-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.
WIRE COLOR CODE
BK BLACK GY GRAY R RED
BR BROWN O ORANGE W WHITE
BL BLUE PK PINK Y YELLOW
G GREEN PR PURPLE
ELECTRICAL WIRING DIAGRAM
208/230/460/575V, 3 PHASE 60 HZ.
BELT DRIVE
PACKAGE AIR CONDITIONER
DR. BY MCB
APP. BY
DATE 5-19-05
DWG. NO. 90-23597-14
REV 01
DWG. NO. 90-23597-14
REV 01




## COMPONENT CODE

| | |
|---|---|
| BC | BLOWER MOTOR |
| BR | BLOWER RELAY |
| CC | COMPRESSOR CONTACTOR |
| COMP | COMPRESSOR |
| CT | CONTROL TRANSFORMER |
| FT | FREEZE STAT |
| GL | GROUND LUG |
| GND | GROUND |
| HPC | HIGH PRESSURE CONTROL |
| IBMBD | INDOOR BLOWER MOTOR BELT DRIVE |
| LAC | LOW AMBIENT COOLING CONTROL |
| LPC | LOW PRESSURE CONTROL |
| OFM | OUTDOOR FAN MOTOR |
| PL | PLUG |
| RC | RUN CAPACITOR |
| TB | TERMINAL BLOCK (LOW VOLTAGE) |
| TDC | TIME DELAY CONTROL |
| WN | WIRE NUT |

## NOTES:

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. CONTROL TRANSFORMER PRIMARY LEADS:
   60 HZ.
   RED-COM., BLUE-208V.,
   BLACK-230V., BLACK/RED-460V., BLACK/BLUE-575V. TRANSFORMER FACTORY WIRED FOR 230 VOLTS ON "J" & "C" MODELS. INTERCHANGE BLACK & BLUE LEADS FOR 208 VOLT OPERATION. 460 & 575 VOLT MODELS FACTORY WIRED FOR CORRECT VOLTAGE.
   50 HZ.
   ORANGE-COMMON, BLUE-380V. BLACK-415V.
4. CONTACTOR FACTORY WIRED. CONNECT FIELD WIRE TO FACTORY SUPPLIED PIGTAIL.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER, 24V, 50/60 HZ SUPPLIED.
6. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
7. MOTOR FACTORY WIRED FOR CORRECT SPEED.
8. SEE FUSE LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND CLASSIFICATION.
9. WIRES FROM PL2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
10. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.

## WIRING INFORMATION

LINE VOLTAGE
- -FACTORY STANDARD
- -FACTORY OPTION
- -FIELD INSTALLED

LOW VOLTAGE
- -FACTORY STANDARD
- -FACTORY OPTION
- -FIELD INSTALLED

REPLACEMENT WIRE
- -MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C°MIN.)

WARNING
- -CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.

## WIRE COLOR CODE

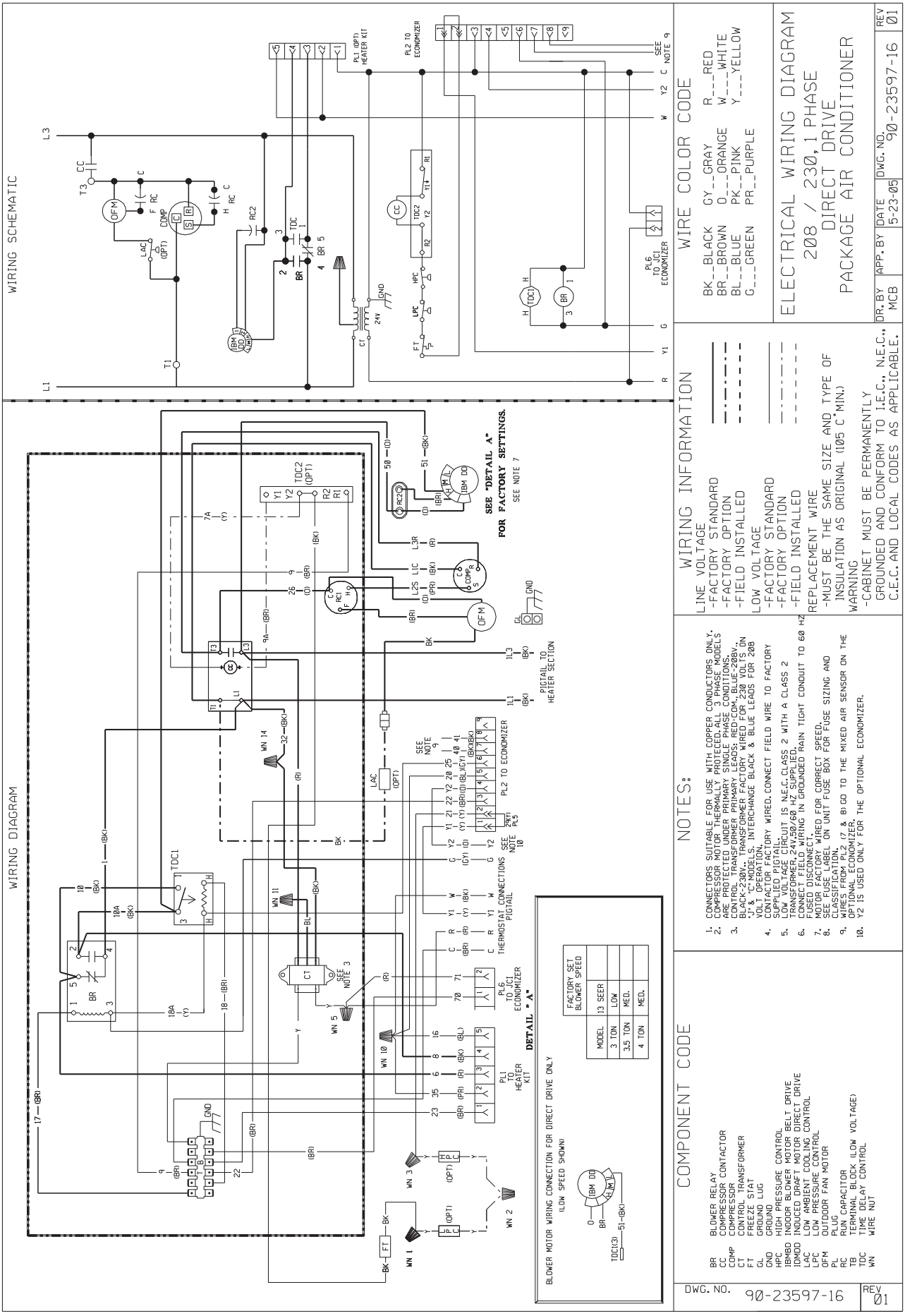
| | | |
|---|---|---|
| BK__BLACK | GY__GRAY | R___RED |
| BR__BROWN | O___ORANGE | W___WHITE |
| BL__BLUE | PK__PINK | Y___YELLOW |
| G___GREEN | PR__PURPLE | |

# ELECTRICAL WIRING DIAGRAM

460V, 3 PHASE 60 HZ.
DIRECT DRIVE
PACKAGE AIR CONDITIONER

| DR. BY | APP. BY | DATE | DWG. NO. | REV |
|---|---|---|---|---|
| MCB | | 5-19-05 | 90-23597-15 | 02 |

DWG. NO. 90-23597-15 REV 02


WIRING DIAGRAM
WIRING SCHEMATIC
ELECTRICAL WIRING DIAGRAM
208 / 230, 1 PHASE
DIRECT DRIVE
PACKAGE AIR CONDITIONER
WIRE COLOR CODE
BK__BLACK GY__GRAY R___RED
BR__BROWN O__ORANGE W___WHITE
BL__BLUE PK__PINK Y___YELLOW
G__GREEN PR__PURPLE
WIRING INFORMATION
LINE VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
LOW VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
REPLACEMENT WIRE
-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C°MIN.)
WARNING
-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.
NOTES:
1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. FACTORY TRANSFORMER PRIMARY LEADS RED/ORANGE/BLUE 460V, BLACK-230V. TRANSFORMER FACTORY WIRED FOR 230 VOLTS ON "J" & "C" MODELS. INTERCHANGE BLACK & BLUE LEADS FOR 208 VOLT OPERATION.
4. CONTACTOR FACTORY WIRED. CONNECT FIELD WIRE TO FACTORY SUPPLIED PIGTAIL.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER (24V/40 VA SUPPLIED).
6. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
7. MOTOR FACTORY WIRED FOR CORRECT SPEED.
8. SEE FUSE LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND CLASSIFICATION.
9. OPTIONAL ECONOMIZER (7 & 8) GO TO THE MIXED AIR SENSOR ON THE ECONOMIZER.
10. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.
COMPONENT CODE
BR BLOWER RELAY
CC COMPRESSOR CONTACTOR
COMP COMPRESSOR
CT CONTROL TRANSFORMER
FT FREEZE STAT
GL GROUND LUG
GND GROUND
HPC HIGH PRESSURE CONTROL
IBMBD INDOOR BLOWER MOTOR BELT DRIVE
IDMDD INDUCED DRAFT MOTOR DIRECT DRIVE
LAC LOW AMBIENT COOLING CONTROL
LPC LOW PRESSURE CONTROL
OFM OUTDOOR FAN MOTOR
PL PLUG
RC RUN CAPACITOR
TB TERMINAL BLOCK (LOW VOLTAGE)
TDC TIME DELAY CONTROL
WN WIRE NUT
BLOWER MOTOR WIRING CONNECTION FOR DIRECT DRIVE ONLY
(LOW SPEED SHOWN)
FACTORY SET BLOWER SPEED
MODEL 13 SEER
3 TON LOW
3.5 TON MED.
4 TON MED.
DETAIL "A"
SEE "DETAIL A" FOR FACTORY SETTINGS.
SEE NOTE 7
PIGTAIL TO HEATER SECTION
PL2 TO ECONOMIZER
PL6 TO JC1 ECONOMIZER
PL1 TO HEATER KIT
THERMOSTAT CONNECTIONS PIGTAIL
DR. BY MCB
APP. BY
DATE 5-23-05
DWG. NO. 90-23597-16
REV 01
DWG. NO. 90-23597-16
REV 01

**BEFORE PURCHASING THIS APPLIANCE, READ IMPORTANT ENERGY COST AND EFFICIENCY INFORMATION AVAILABLE FROM YOUR RETAILER.**

## GENERAL TERMS OF LIMITED WARRANTY*

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable periods stated, in accordance with the terms of the limited warranty.

***For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**

**Conditional Parts (Registration Required)**
1 Phase, Residential Applications .....Ten (10) Years
**Compressor**
1 Phase, Residential Applications .....Ten (10) Years
1 & 3 Phase, Commercial Applications.....Five (5) Years
**Parts**
1 & 3 Phase, Commercial Applications .....One (1) Year

The new degree of comfort.™

*In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.*

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INTEGRATED AIR & WATER

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