SELF-CONTAINED AIR CONDITIONERS

FORM NO. S22-928 REV. 3
Supersedes Form No. S22-928 Rev. 2

RLKA- STANDARD EFFICIENCY SERIES
NOMINAL SIZES 3-7.5 TONS [10.6-26.4 kW]
(3 PHASE MODELS ONLY)

RLMA- HIGH EFFICIENCY SERIES
NOMINAL SIZES 6 TONS [21.1 kW]
(3 PHASE MODELS ONLY)

*Unit shown with optional louver panels installed.
TABLE OF CONTENTS

Introduction ................................................................................................3-4
Selection Procedure .....................................................................................5
Model Identification Options ........................................................................6-8
General Data
    RLKA- Series............................................................................................9-19
    RLMA- Series ..........................................................................................20-21
General Data Notes ......................................................................................22
Performance Data
    RLKA- Series..........................................................................................23-25
    RLMA- Series ............................................................................................26
Airflow Performance
    RLKA- Series..........................................................................................27-30
    RLMA- Series ............................................................................................31-32
Electrical Data
    RLKA- Series..........................................................................................33-34
    RLMA- Series ............................................................................................35
Units with Heater Kits
    RLKA- Series..........................................................................................36-38
    RLMA- Series ............................................................................................39
Dimensional Data ......................................................................................40-45
Accessories ...............................................................................................46-55
Mechanical Specifications ...........................................................................56
Typical Wiring .............................................................................................57-59
Limited Warranty ..........................................................................................60
These quality features are included in the Ruud Self-Contained Outdoor Air Conditioning Unit

- Evaporator Coil/Filter Access
  - Return air filters, normally provided, are removed in this photo.

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

- Compressor Access
  - (6 & 7.5 Ton [21.1 & 26.4 kW] Models)
    - Dual compressors (available in 6 & 7.5 ton [21.1 & 26.4 kW] models only) provide two-stage cooling.

- Optional Electric Heater Kit

- Control Box Access

- Compressor Access
  - (3 to 6 Ton [10.6 to 21.1 kW] Models)

- Non-corrosive plastic condensate pan

[ ] Designates Metric Conversions
ENGINEERING FEATURES
RLKA-/RLMA- Series Self-Contained Air Conditioner

2. One-piece top over the indoor section with drip lip, drawn painted base pan, and 1" [25.4 mm] raised flanges for supply/return air connections provides superior water management.
3. Convertible horizontal and vertical airflow design allows maximum field flexibility and minimizes inventory requirements.
4. Standard full perimeter forkable baserail with lifting holes for easier maneuvering and installations.
5. Factory installed one-inch [25.4 mm] throw away filter with provisions for two-inch [50.8 mm] filter and two-inch [50.8 mm] filters for 7.5 ton [26.4 kW] models.
6. Direct or belt drive options to accommodate a wide range of design conditions as high as 1.5 inches [37 kPa] of external static pressure. (6 & 7.5 ton [21.1 & 26.4 kW] models available with belt drive only.)
7. Easily removable filter, blower, electric heat, and compressor/control access panels permits prompt service.
8. Number and color coded wiring helps facilitate service and maintenance.
9. Common cabinet and components allows for installation flexibility and fewer parts to inventory.
10. Standard freezestat control offers evaporator coil freeze protection. (Optional for 7.5 ton [26.4 kW] models.)
11. Externally mounted refrigerant gauge ports for easy service diagnostics.
12. Side and base electric power entry helps minimize roof penetrations.
13. Quick assembly common roof curbs help save field labor and maximize size flexibility.
14. Factory or field installed electric heat kits available up to 24 KW.
15. Easy to install plug-in, slip-in, 100% fully modulating economizers.
16. Quality powder paint finish offers long lasting protection against extreme weather conditions and is able to withstand 1000 HR salt spray test.
17. Standard high and low pressure controls on 12 SEER and factory installed option for 10 SEER.

[ ] Designates Metric Conversions
RLKA- SELECTION PROCEDURES

1. Determine cooling and heating requirements at design conditions.
   Example:
   Total cooling capacity ..........43,600 BTUH [12.78 kW]
   Sensible cooling capacity ......34,000 BTUH [9.96 kW]
   Condenser entering air ..........95°F [35°C]
   Indoor air flow .....................1600 CFM [755 L/s]
   External static pressure ..........1.1 in wg
   Required efficiency ..............10 SEER

2. Select unit to meet cooling requirements.
   Since total cooling is within the range of 4 ton [14.07 kW] unit and requires 10 SEER efficiency level, enter cooling performance from the RLKA-A048 table, page 34, at 95°F [35°C] outdoor temperature, 63°F [17°C] wb entering indoor air, and 1600 CFM [755 L/s]:
   Total capacity .....................48,300 BTUH [14.16 kW]
   Power input ........................4.4 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 on page 39 at 1600 CFM [755 L/s] and 1.1 in wg ESP:
   RPM .....................1205
   Watts ........................725
   Drive ..........................M

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

5. Calculate net cooling capacities.
   Net total cooling = 46,600 – 2577 = 44,023 BTUH [12.90 kW]
   Net sensible cooling = 36,646 – 2577 = 34,069 BTUH [9.98 kW]

And also, at 76°F [24°C] db indoor entering air, and using the formula at the bottom of the page:
   Sensible capacity ..................37,946 BTUH [11.12 kW]

RLMA- SELECTION PROCEDURES

1. Determine cooling and heating requirements at design conditions.
   Example:
   Total cooling capacity ..........43,600 BTUH [12.78 kW]
   Sensible cooling capacity ......34,000 BTUH [9.96 kW]
   Condenser entering air ..........95°F [35°C]
   Indoor air flow .....................1600 CFM [755 L/s]
   External static pressure ..........1.1 in wg
   Required efficiency ..............12 SEER

2. Select unit to meet cooling requirements.
   Since total cooling is within the range of 4 ton [14.07 kW] unit and requires 12 SEER efficiency level, enter cooling performance from the RLMA-A048 table, page 37, at 95°F [35°C] outdoor temperature, 63°F [17°C] wb entering indoor air, and 1600 CFM [755 L/s]:
   Total capacity .....................46,600 BTUH [13.66 kW]
   Power input ........................4.2 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 on page 43 at 1600 CFM [755 L/s] and 1.1 in wg ESP:
   RPM .....................1200
   Watts ........................730
   Drive ..........................M

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

5. Calculate net cooling capacities.
   Net total cooling = 46,600 – 2577 = 44,023 BTUH [12.90 kW]
   Net sensible cooling = 36,646 – 2577 = 34,069 BTUH [9.98 kW]

[ ] Designates Metric Conversions
MODEL IDENTIFICATION—RLKA/RLMA- SERIES

R L K A — A 036 C K 000 XX X

Economizer Option
(See Next Page)

Factory Installed Options
(See Next Page)

Electric Heat
000 = No Resistance Heat
006 = 6 kW Resistance Heat
010 = 10 kW Resistance Heat
012 = 12 kW Resistance Heat
*015 = 15 kW Resistance Heat
020 = 20 kW Resistance Heat
*021 = 20 kW Resistance Heat
*024 = 24 kW Resistance Heat

Drive Package
K = Direct Drive
L = Belt Drive
M = Belt Drive—High Static

Electrical Designation
C = 208-230 V, 3 PH, 60 Hz
D = 460 V, 3 PH, 60 Hz
Y = 575 V, 3 PH, 60 Hz

Cooling Capacity (BTUH) [kW]
036 = 36,000 [10.55]
042 = 42,000 [12.31]
048 = 48,000 [14.07]
060 = 60,000 [17.58]
072 = 72,000 [21.10]
073 = 72,000 [21.10]
085 = 85,000 [24.91]

Future Technical Variations

Design Series
A = 1st Design

Efficiency Designation
K = Standard Efficiency (10 SEER)
M = High Efficiency (12 SEER)

Product Classification
L = Packaged Air Conditioner—Commercial

Tradebrand
R = Ruud

*Electric Heat Approved for Canada

[ ] Designates Metric Conversions
## Factory Installed Option Codes for RLKA (3-5 and 7.5 Ton) [10.6-17.6 kW and 26.4 kW] (A036, A042, A048, A060, A085)

<table>
<thead>
<tr>
<th>Option Code</th>
<th>High and Low Pressure</th>
<th>Hail Guard</th>
<th>Low Ambient Time Delay</th>
<th>Side Flow</th>
<th>Reduced Height Baserails</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AD</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
</tr>
<tr>
<td>AL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BB</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BE</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td>x</td>
</tr>
<tr>
<td>BS</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td>x</td>
</tr>
<tr>
<td>BU</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
</tr>
<tr>
<td>BX</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CB</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CP</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DE</td>
<td>x</td>
<td></td>
<td>x</td>
<td></td>
<td>x</td>
</tr>
</tbody>
</table>

Example: RLKA-A060CL000XXX (where XX is factory installed option)

Example: No Options
- RLKA-A060CL000

Example: No Options with Factory Installed Economizer
- RLKA-A060CL000AAB

Example: Options with High and Low Pressure and Hailguard with no Factory Installed Economizer
- RLKA-A060CL000BBA

Example: Options same as above with Factory Installed Economizer
- RLKA-A060CL000BBB

## Factory Installed Option Codes for RLKA (6 Ton) [21.1 kW] (A073)

<table>
<thead>
<tr>
<th>Option Code</th>
<th>Hail Guard</th>
<th>Low Ambient Time Delay</th>
<th>Side Flow</th>
<th>Reduced Height Baserails</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AD</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AK</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
</tr>
<tr>
<td>AL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BC</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BX</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Example: RLKA-A073CL000XXX (where XX is factory installed option)

Example: No Options
- RLKA-A073CL000

Example: No Options with Factory Installed Economizer
- RLKA-A073CL000AAB

Example: Options with Hailguard and Sideflow with no Factory Installed Economizer
- RLKA-A073CL000BSA

Example: Options same as above with Factory Installed Economizer
- RLKA-A073CL000BSB
FACTORY INSTALLED OPTION CODES FOR RLMA (6 Ton) [21.1 kW] (A072)

<table>
<thead>
<tr>
<th>Option Code</th>
<th>Hail Guard</th>
<th>Low Ambient</th>
<th>Side Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td></td>
<td></td>
<td>No Options</td>
</tr>
<tr>
<td>AD</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AE</td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>AK</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BC</td>
<td>x</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>CH</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

Example: RLMA-A072CL000XXX (where XXX is factory installed option)
Example: No Options
RLMA-A072CL000
Example: No Options with Factory Installed Economizer
RLMA-A072CL000AAB
Example: Options with Hailguard with no Factory Installed Economizer
RLMA-A072CL000ADA
Example: Options same as above with Factory Installed Economizer
RLMA-A072CL000AD8

ECONOMIZER SELECTION FOR RLKA & RLMA

<table>
<thead>
<tr>
<th></th>
<th>No Economizer</th>
<th>Single Enthalpy Economizer With Barometric Relief</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>x</td>
</tr>
</tbody>
</table>

"x" indicates factory installed option.
<table>
<thead>
<tr>
<th>Model RLKA- Series</th>
<th>A036CK</th>
<th>A036CL</th>
<th>A036CM</th>
<th>A036DK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling Performance¹</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARI Net Cooling Capacity Btu [kW]</td>
<td>36,000 [10.5]</td>
<td>36,000 [10.5]</td>
<td>36,000 [10.5]</td>
<td>36,000 [10.5]</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>3.8</td>
<td>3.8</td>
<td>3.8</td>
<td>3.8</td>
</tr>
</tbody>
</table>

### Compressor

<table>
<thead>
<tr>
<th>No./Type</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>No./Type</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
</tr>
<tr>
<td>Tube Type</td>
<td>Smooth</td>
<td>Smooth</td>
<td>Smooth</td>
<td>Smooth</td>
</tr>
<tr>
<td>Tube Size in. [mm] OD</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>11.04 [1.03]</td>
<td>11.04 [1.03]</td>
<td>11.04 [1.03]</td>
<td>11.04 [1.03]</td>
</tr>
<tr>
<td>Indoor Coil—Fin Type</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
</tr>
<tr>
<td>Tube Type</td>
<td>Smooth</td>
<td>Smooth</td>
<td>Smooth</td>
<td>Smooth</td>
</tr>
<tr>
<td>Tube Size in. [mm]</td>
<td>0.3125 [7.9]</td>
<td>0.3125 [7.9]</td>
<td>0.3125 [7.9]</td>
<td>0.3125 [7.9]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
</tr>
</tbody>
</table>

### Refrigerant Control

| Capillary Tubes | Yes |
| Capillary Tubes | Yes |
| Capillary Tubes | Yes |
| Capillary Tubes | Yes |

### Draining Connection

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor Fan—Type</td>
<td>Propeller</td>
<td>Propeller</td>
<td>Propeller</td>
<td>Propeller</td>
</tr>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Direct/1</td>
<td>Direct/1</td>
<td>Direct/1</td>
<td>Direct/1</td>
</tr>
<tr>
<td>No. Motors/HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1075</td>
<td>1075</td>
<td>1075</td>
<td>1075</td>
</tr>
</tbody>
</table>

### Indoor Fan—Type

<table>
<thead>
<tr>
<th>FC Centrifugal</th>
<th>FC Centrifugal</th>
<th>FC Centrifugal</th>
<th>FC Centrifugal</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Used/Diameter in. [mm]</td>
<td>1/11x11 [279.4x279.4]</td>
<td>1/11x11 [279.4x279.4]</td>
<td>1/11x11 [279.4x279.4]</td>
</tr>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Direct/3</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
</tr>
<tr>
<td>No. Motors</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Motor HP</td>
<td>1/2</td>
<td>1/2</td>
<td>1/2</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
</tr>
<tr>
<td>Motor Frame Size</td>
<td>48</td>
<td>56</td>
<td>56</td>
</tr>
</tbody>
</table>

### Filter—Type

<table>
<thead>
<tr>
<th>Disposable</th>
<th>Disposable</th>
<th>Disposable</th>
<th>Disposable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnished</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>(No.) Size Recommended in. [mm]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
</tr>
</tbody>
</table>

### Refrigerant Charge Oz. [g]

<table>
<thead>
<tr>
<th>72 [2041]</th>
<th>72 [2041]</th>
<th>72 [2041]</th>
<th>72 [2041]</th>
</tr>
</thead>
</table>

### Weights

| Ship Weight lbs. [kg] | 466 [211] | 466 [211] | 466 [211] | 466 [211] |

See Page 22 for Notes.

[ ] Designates Metric Conversions
### NOMINAL SIZES 3-7.5 TONS [10.6-26.4 kW] ASHRAE 90.1-1999 COMPLIANT MODELS

<table>
<thead>
<tr>
<th>Model RLKA- Series</th>
<th>A036DL</th>
<th>A036DM</th>
<th>A036YL</th>
<th>A036YM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling Performance</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARI Net Cooling Capacity Btu [kW]</td>
<td>36,000 [10.5]</td>
<td>36,000 [10.5]</td>
<td>36,000 [10.5]</td>
<td>36,000 [10.5]</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>3.8</td>
<td>3.8</td>
<td>3.8</td>
<td>3.8</td>
</tr>
</tbody>
</table>

| **Compressor** |        |        |        |        |
| No./Type | 1/Copeland Scroll | 1/Copeland Scroll | 1/Copeland Scroll | 1/Copeland Scroll |
| Outdoor Sound Rating (dB)<sup>4</sup> | 78 | 78 | 78 | 78 |
| Outdoor Coil—Fin Type |        |        |        |        |
| Tube Type | Louvered | Louvered | Louvered | Louvered |
| 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] | 11.04 [1.03] | 11.04 [1.03] | 11.04 [1.03] | 11.04 [1.03] |
| Indoor Coil—Fin Type |        |        |        |        |
| Tube Type | Louvered | Louvered | Louvered | Louvered |
| Tube Size in. [mm] | 0.3125 [7.9] | 0.3125 [7.9] | 0.3125 [7.9] | 0.3125 [7.9] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |
| Refrigerant Control | Capillary Tubes | Capillary Tubes | Capillary Tubes | Capillary Tubes |
| Outdoor Fan—Type |        |        |        |        |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| 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] | 1/11x11 [279.4x279.4] | 1/11x11 [279.4x279.4] | 1/11x11 [279.4x279.4] | 1/11x11 [279.4x279.4] |
| Drive Type/No. Speeds | Belt/Variable | Belt/Variable | Belt/Variable | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1/2 | 1/2 | 1/2 | 1/2 |
| Motor RPM | 1725 | 1725 | 1725 | 1725 |

| **Filter—Type** |        |        |        |        |
| Furnished | Yes | Yes | Yes | Yes |
| (No.) Size Recommended in. [mm] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |

| **Refrigerant Charge Oz. [g]** | 72 [2041] | 72 [2041] | 72 [2041] | 72 [2041] |

| **Weights** |        |        |        |        |
| Ship Weight lbs. [kg] | 466 [211] | 466 [211] | 466 [211] | 466 [211] |

See Page 22 for Notes.

[ ] Designates Metric Conversions
### NOMINAL SIZES 3-7.5 TONS [10.6-26.4 kW] ASHRAE 90.1-1999 COMPLIANT MODELS

<table>
<thead>
<tr>
<th>Model RLKA- Series</th>
<th>A042CK</th>
<th>A042CL</th>
<th>A042CM</th>
<th>A042DK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling Performance</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EER/SEER&lt;sup&gt;2&lt;/sup&gt;</td>
<td>9.05/10</td>
<td>9.05/10</td>
<td>9.05/10</td>
<td>9.05/10</td>
</tr>
<tr>
<td>ARI Net Cooling Capacity Btu [kW]</td>
<td>42,000 [12.3]</td>
<td>42,000 [12.3]</td>
<td>42,000 [12.3]</td>
<td>42,000 [12.3]</td>
</tr>
<tr>
<td>Net Latent Capacity Btu [kW]</td>
<td>10,000 [2.9]</td>
<td>10,000 [2.9]</td>
<td>10,000 [2.9]</td>
<td>10,000 [2.9]</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>4.6</td>
<td>4.6</td>
<td>4.6</td>
<td>4.6</td>
</tr>
</tbody>
</table>

| Compressor |         |        |        |        |
| No./Type    | 1/Copeland Scroll | 1/Copeland Scroll | 1/Copeland Scroll | 1/Copeland Scroll |

| **Outdoor Sound Rating (dB)**<sup>4</sup> | 78 | 78 | 78 | 78 |

| **Outdoor Coil—Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type    | Smooth | Smooth | Smooth | Smooth |
| 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] | 11.04 [1.03] | 11.04 [1.03] | 11.04 [1.03] | 11.04 [1.03] |

| **Indoor Coil—Fin Type** | Louvered | Louvered | Louvered | Louvered |
| Tube Type    | Smooth | Smooth | Smooth | Smooth |
| Tube Size in. [mm] | 0.3125 [7.9] | 0.3125 [7.9] | 0.3125 [7.9] | 0.3125 [7.9] |
| Face Area sq. ft. [sq. m] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] | 5.17 [0.48] |

| **Refrigerant Control** | Capillary Tubes | Capillary Tubes | Capillary Tubes | Capillary Tubes |

| **Outdoor Fan—Type** | Propeller | Propeller | Propeller | Propeller |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| 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./Diameter in. [mm] | 1/11x11 [279.4x279.4] | 1/11x11 [279.4x279.4] | 1/11x11 [279.4x279.4] | 1/11x11 [279.4x279.4] |
| Drive Type/No. Speeds | Direct/3 | Belt/Variable | Belt/Variable | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1/2 | 1/2 | 1/2 | 1/2 |
| Motor RPM | 1725 | 1725 | 1725 | 1725 |
| Motor Frame Size | 48 | 56 | 56 | 48 |

| **Filter—Type** | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (No.) Size Recommended in. [mm] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] | (1)1x16x25 [25x406x635] |

| **Refrigerant Charge Oz. [g]** | 77 [2183] | 77 [2183] | 77 [2183] | 77 [2183] |

| **Weights** |         |        |        |        |

---

[ ] Designates Metric Conversions
### NOMINAL SIZES 3.75-7.5 TONS [10.6-26.4 kW] ASHRAE 90.1-1999 COMPLIANT MODELS

<table>
<thead>
<tr>
<th>Model RLKA- Series</th>
<th>A042DL</th>
<th>A042DM</th>
<th>A042YM</th>
<th>A042YM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling Performance</strong></td>
<td></td>
<td></td>
<td></td>
<td>CONTINUED</td>
</tr>
<tr>
<td>EER/SEER</td>
<td>9.05/10</td>
<td>9.05/10</td>
<td>9.05/10</td>
<td>9.05/10</td>
</tr>
<tr>
<td>ARI Net Cooling Capacity Btu [kW]</td>
<td>42,000 [12.3]</td>
<td>42,000 [12.3]</td>
<td>42,000 [12.3]</td>
<td>42,000 [12.3]</td>
</tr>
<tr>
<td>Net Latent Capacity Btu [kW]</td>
<td>10,000 [2.9]</td>
<td>10,000 [2.9]</td>
<td>10,000 [2.9]</td>
<td>10,000 [2.9]</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>4.6</td>
<td>4.6</td>
<td>4.6</td>
<td>4.6</td>
</tr>
</tbody>
</table>

### Compressor

- **No./Type**: 1/Copeland Scroll
- **Outdoor Sound Rating (dB)**: 78
- **Outdoor Coil—Fin Type**: Louvered
- **Tube Type**: Smooth
- **Tube Size in. [mm] OD**: 0.375 [9.5]
- **Face Area sq. ft. [sq. m]**: 11.04 [1.03]
- **Rows / FPI [FPcm]**: 1/18 [7]
- **Refrigerant Control**: Capillary Tubes
- **Drain Connection No./Size in. [mm]**: 1/1 [25.4]

### Indoor Coil—Fin Type

- **Tube Type**: Smooth
- **Tube Size in. [mm]**: 0.3125 [7.9]
- **Face Area sq. ft. [sq. m]**: 5.17 [0.48]
- **Rows / FPI [FPcm]**: 4/13 [5]
- **Refrigerant Control**: Capillary Tubes
- **Drain Connection No./Size in. [mm]**: 1/1 [25.4]

### Outdoor Fan—Type

- **No. Used/Diameter in. [mm]**: 1/24 [609.6]
- **Drive Type/No. Speeds**: Direct/1
- **CFM [L/s]**: 3600 [1699]
- **No. Motors/HP**: 1 at 1/3 HP
- **Motor RPM**: 1075

### Indoor Fan—Type

- **No. Used/Diameter in. [mm]**: 1/11x11 [279.4x279.4]
- **Drive Type/No. Speeds**: Belt/Variable
- **No. Motors**: 1
- **Motor HP**: 1/2
- **Motor RPM**: 1725
- **Motor Frame Size**: 56

### Filter—Type

- **Furnished**: Yes
- **(No.) Size Recommended in. [mm]**: (1)1x16x25 [25x406x635]
- **Refrigerant Charge Oz. [g]**: 77 [2183]

### Weights

- **Net Weight lbs. [kg]**: 475 [215]
- **Ship Weight lbs. [kg]**: 482 [219]

---

[ ] Designates Metric Conversions
## NOMINAL SIZES 3-7.5 TONS [10.6-26.4 kW] ASHRAE 90.1-1999 COMPLIANT MODELS

### Cooling Performance

<table>
<thead>
<tr>
<th>Model RLKA- Series</th>
<th>A048CK</th>
<th>A048CL</th>
<th>A048CM</th>
<th>A048DK</th>
</tr>
</thead>
<tbody>
<tr>
<td>EER/SEER</td>
<td>9.8/10.4</td>
<td>9.8/10.4</td>
<td>9.8/10.4</td>
<td>9.8/10.4</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>4.9</td>
<td>4.9</td>
<td>4.9</td>
<td>4.9</td>
</tr>
</tbody>
</table>

### Cooler Dimensions

- **Nominal CFM:** 1600 CFM (755 L/s)
- **Nominal CFM:** 1600 CFM (755 L/s)
- **Nominal CFM:** 1600 CFM (755 L/s)
- **Nominal CFM:** 1600 CFM (755 L/s)

### Refrigerant System

- **Compressor:** Copeland Scroll
- **Outdoor Sound Rating (dB):** 78
- **Outdoor Coil—Fin Type:** Louvered
- **Outdoor Coil—Fin Type:** Louvered
- **Outdoor Coil—Fin Type:** Louvered
- **Outdoor Coil—Fin Type:** Louvered
- **Outdoor Fan—Type:** Propeller
- **Indoor Fan—Type:** FC Centrifugal
- **Filter—Type:** Disposable

### Weights

- **Net Weight lbs. [kg]:** 515 [234]
- **Ship Weight lbs. [kg]:** 522 [237]
### GENERAL DATA—RLKA- SERIES

**Cooling Performance**

<table>
<thead>
<tr>
<th>Model</th>
<th>A048DL</th>
<th>A048DM</th>
<th>A048YL</th>
<th>A048YM</th>
</tr>
</thead>
<tbody>
<tr>
<td>EER/SEER</td>
<td>9.8/10.4</td>
<td>9.8/10.4</td>
<td>9.8/10.4</td>
<td>9.8/10.4</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>4.9</td>
<td>4.9</td>
<td>4.9</td>
<td>4.9</td>
</tr>
</tbody>
</table>

### Compressor

- **No./Type**: 1/Copeland Scroll
- **Outdoor Sound Rating (dB)**: 78
- **Outdoor Coil—Fin Type**: Louvered
- **Tube Type**: Smooth
- **Tube Size in. [mm] OD**: 0.375 [9.5]
- **Face Area sq. ft. [sq. m]**: 16.91 [1.57]
- **Rows / FPI [FPcm]**: 1 / 18 [7]
- **Refrigerant Control**: Capillary Tubes
- **Drain Connection No./Size in. [mm]**: 1/1 [25.4]
- **Outdoor Fan—Type**: Propeller
- **No. Used/Diameter in. [mm]**: 1/24 [609.6]
- **Drive Type/No. Speeds**: Direct/1
- **CFM [L/s]**: 4000 [1888]
- **No. Motors/HP**: 1 at 1/3 HP
- **Motor RPM**: 1075

### Indoor Fan—Type

- **No. Used/Diameter in. [mm]**: 1/11x11 [279.4x279.4]
- **Drive Type/No. Speeds**: Belt/Variable
- **No. Motors**: 1
- **Motor HP**: 1/2
- **Motor RPM**: 1725
- **Motor Frame Size**: 56

### Filter—Type

- **Furnished**: Yes
- **(No.) Size Recommended in. [mm]**: (1)1x16x25 [25x406x635]
- **Refrigerant Charge Oz. [g]**: 106 [3005]

### Weights

- **Net Weight lbs. [kg]**: 515 [234]
- **Ship Weight lbs. [kg]**: 522 [237]

---

[ ] Designates Metric Conversions

---

See Page 22 for Notes.
<table>
<thead>
<tr>
<th>Model RLKA- Series</th>
<th>A060CK</th>
<th>A060CL</th>
<th>A060CM</th>
<th>A060DK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross Cooling Capacity Btu [kW]</td>
<td>63,000 [18.5]</td>
<td>63,000 [18.5]</td>
<td>63,000 [18.5]</td>
<td>63,000 [18.5]</td>
</tr>
<tr>
<td>ARI Net Cooling Capacity Btu [kW]</td>
<td>60,000 [17.6]</td>
<td>60,000 [17.6]</td>
<td>60,000 [17.6]</td>
<td>60,000 [17.6]</td>
</tr>
<tr>
<td>ARI Net Cooling Capacity Btu [kW]</td>
<td>60,000 [17.6]</td>
<td>60,000 [17.6]</td>
<td>60,000 [17.6]</td>
<td>60,000 [17.6]</td>
</tr>
<tr>
<td>Cooling Performance¹</td>
<td>6.5</td>
<td>6.5</td>
<td>6.5</td>
<td>6.5</td>
</tr>
<tr>
<td>No./Type</td>
<td>1/Copeland Scroll</td>
<td>1/Copeland Scroll</td>
<td>1/Copeland Scroll</td>
<td>1/Copeland Scroll</td>
</tr>
<tr>
<td>Outdoor Sound Rating (dB)⁴</td>
<td>78</td>
<td>78</td>
<td>78</td>
<td>78</td>
</tr>
<tr>
<td>Indoor coil—Fin Type</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
</tr>
<tr>
<td>Tube Size in. [mm]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
</tr>
<tr>
<td>Outdoor coil—Fin Type</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
</tr>
<tr>
<td>Tube Size in. [mm]</td>
<td>0.3125 [7.9]</td>
<td>0.3125 [7.9]</td>
<td>0.3125 [7.9]</td>
<td>0.3125 [7.9]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
</tr>
<tr>
<td>Refrigerant Control</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
</tr>
<tr>
<td>Outdoor Fan—Type</td>
<td>Propeller</td>
<td>Propeller</td>
<td>Propeller</td>
<td>Propeller</td>
</tr>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Direct/1</td>
<td>Direct/1</td>
<td>Direct/1</td>
<td>Direct/1</td>
</tr>
<tr>
<td>No. Motors/HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1075</td>
<td>1075</td>
<td>1075</td>
<td>1075</td>
</tr>
<tr>
<td>Indoor Fan—Type</td>
<td>FC Centrifugal</td>
<td>FC Centrifugal</td>
<td>FC Centrifugal</td>
<td>FC Centrifugal</td>
</tr>
<tr>
<td>No. Used/Diameter in. [mm]</td>
<td>1/11x11 [279.4x279.4]</td>
<td>1/11x11 [279.4x279.4]</td>
<td>1/11x11 [279.4x279.4]</td>
<td>1/11x11 [279.4x279.4]</td>
</tr>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Direct/3</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
<td>Direct/3</td>
</tr>
<tr>
<td>No. Motors</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
</tr>
<tr>
<td>Motor Frame Size</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
</tr>
<tr>
<td>Filter—Type</td>
<td>Disposable</td>
<td>Disposable</td>
<td>Disposable</td>
<td>Disposable</td>
</tr>
<tr>
<td>Furnished</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>(No.) Size Recommended in. [mm]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
</tr>
<tr>
<td>Refrigerant Charge Oz. [g]</td>
<td>131 [3714]</td>
<td>131 [3714]</td>
<td>131 [3714]</td>
<td>131 [3714]</td>
</tr>
</tbody>
</table>

See Page 22 for Notes.

[ ] Designates Metric Conversions
### GENERAL DATA—RLKA- SERIES

#### Model RLKA- Series

<table>
<thead>
<tr>
<th>Model</th>
<th>A060DL</th>
<th>A060DM</th>
<th>A060YL</th>
<th>A060YM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling Performance&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gross Cooling Capacity Btu [kW]</td>
<td>63,000 [18.5]</td>
<td>63,000 [18.5]</td>
<td>63,000 [18.5]</td>
<td>63,000 [18.5]</td>
</tr>
<tr>
<td>ARI Net Cooling Capacity Btu [kW]</td>
<td>60,000 [17.6]</td>
<td>60,000 [17.6]</td>
<td>60,000 [17.6]</td>
<td>60,000 [17.6]</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>6.5</td>
<td>6.5</td>
<td>6.5</td>
<td>6.5</td>
</tr>
</tbody>
</table>

#### Compressor

<table>
<thead>
<tr>
<th>No./Type</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor Sound Rating (dB)&lt;sup&gt;4&lt;/sup&gt;</td>
<td>78</td>
<td>78</td>
<td>78</td>
<td>78</td>
</tr>
<tr>
<td>Outdoor Coil—Fin Type</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
</tr>
<tr>
<td>Tube Type</td>
<td>Smooth</td>
<td>Smooth</td>
<td>Smooth</td>
<td>Smooth</td>
</tr>
<tr>
<td>Tube Size in. [mm] OD</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
</tr>
</tbody>
</table>

#### Indoor Coil—Fin Type

<table>
<thead>
<tr>
<th>No./Type</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube Type</td>
<td>Smooth</td>
<td>Smooth</td>
<td>Smooth</td>
<td>Smooth</td>
</tr>
<tr>
<td>Tube Size in. [mm]</td>
<td>0.3125 [7.9]</td>
<td>0.3125 [7.9]</td>
<td>0.3125 [7.9]</td>
<td>0.3125 [7.9]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
</tr>
<tr>
<td>Refrigerant Control</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
</tr>
</tbody>
</table>

#### Outdoor Fan—Type

<table>
<thead>
<tr>
<th>No./Type</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Direct/1</td>
<td>Direct/1</td>
<td>Direct/1</td>
<td>Direct/1</td>
</tr>
<tr>
<td>No. Motors/HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1075</td>
<td>1075</td>
<td>1075</td>
<td>1075</td>
</tr>
</tbody>
</table>

#### Indoor Fan—Type

<table>
<thead>
<tr>
<th>No./Type</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Used/Diameter in. [mm]</td>
<td>1/11x11 [279.4x279.4]</td>
<td>1/11x11 [279.4x279.4]</td>
<td>1/11x11 [279.4x279.4]</td>
<td>1/11x11 [279.4x279.4]</td>
</tr>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
</tr>
<tr>
<td>No. Motors</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
</tr>
<tr>
<td>Motor Frame Size</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
</tr>
</tbody>
</table>

#### Filter—Type

<table>
<thead>
<tr>
<th>No./Type</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnished</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>(No.) Size Recommended in. [mm]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
</tr>
<tr>
<td>Refrigerant Charge Oz. [g]</td>
<td>131 [3714]</td>
<td>131 [3714]</td>
<td>131 [3714]</td>
<td>131 [3714]</td>
</tr>
</tbody>
</table>

#### Weights

<table>
<thead>
<tr>
<th>No./Type</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
<th>1/Copeland Scroll</th>
</tr>
</thead>
</table>

<sup>1</sup> Designates Metric Conversions

See Page 22 for Notes.
### NOMINAL SIZES 3-7.5 TONS [10.6-26.4 kW] ASHRAE 90.1-1989 COMPLIANT MODELS

<table>
<thead>
<tr>
<th>Model RLKA- Series</th>
<th>A073CL</th>
<th>A073CM</th>
<th>A073DL</th>
<th>A073DM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling Performance</strong>¹</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gross Cooling Capacity Btu [kW]</td>
<td>75,000 [22]</td>
<td>75,000 [22]</td>
<td>75,000 [22]</td>
<td>75,000 [22]</td>
</tr>
<tr>
<td>EER(SEER)²</td>
<td>9.8/NA</td>
<td>9.8/NA</td>
<td>9.8/NA</td>
<td>9.8/NA</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>7.3</td>
<td>7.3</td>
<td>7.3</td>
<td>7.3</td>
</tr>
<tr>
<td><strong>Compressor</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No./Type</td>
<td>1/Copeland Scroll</td>
<td>1/Copeland Scroll</td>
<td>1/Copeland Scroll</td>
<td>1/Copeland Scroll</td>
</tr>
<tr>
<td>Tube Type</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
</tr>
<tr>
<td>Tube Size in. [mm] OD</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
</tr>
<tr>
<td><strong>Outdoor Coil—Fin Type</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tube Type</td>
<td>Riffled</td>
<td>Riffled</td>
<td>Riffled</td>
<td>Riffled</td>
</tr>
<tr>
<td>Tube Size in. [mm]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
</tr>
<tr>
<td>Refrigerant Control</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
</tr>
<tr>
<td><strong>Indoor Coil—Fin Type</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tube Type</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
</tr>
<tr>
<td>Tube Size in. [mm]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
<td>5.17 [0.48]</td>
</tr>
<tr>
<td>Refrigerant Control</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
</tr>
<tr>
<td><strong>Outdoor Fan—Type</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Direct/1</td>
<td>Direct/1</td>
<td>Direct/1</td>
<td>Direct/1</td>
</tr>
<tr>
<td>No. Motors</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1075</td>
<td>1075</td>
<td>1075</td>
<td>1075</td>
</tr>
<tr>
<td><strong>Indoor Fan—Type</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No./Dia. [mm]</td>
<td>1/11x10 [279.4x254]</td>
<td>1/11x10 [279.4x254]</td>
<td>1/11x10 [279.4x254]</td>
<td>1/11x10 [279.4x254]</td>
</tr>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
</tr>
<tr>
<td>No. Motors</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Motor HP</td>
<td>1 1/2</td>
<td>1 1/2</td>
<td>1 1/2</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
</tr>
<tr>
<td>Motor Frame Size</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
</tr>
<tr>
<td><strong>Filter—Type</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Furnished</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>(No.) Size Recommended in. [mm]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
<td>(1)1x16x25 [25x406x635]</td>
</tr>
<tr>
<td><strong>Weights</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See Page 22 for Notes.

[ ] Designates Metric Conversions
### NOMINAL SIZES 3-7.5 TONS [10.6-26.4 kW] ASHRAE 90.1-1989 COMPLIANT MODELS

<table>
<thead>
<tr>
<th>Model RLKA- Series</th>
<th>A073YL</th>
<th>A073YM</th>
<th>A085CL</th>
<th>A085CM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling Performance</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gross Cooling Capacity Btu [kW]</td>
<td>75,000 [22]</td>
<td>75,000 [22]</td>
<td>90,000 [26.4]</td>
<td>90,000 [26.4]</td>
</tr>
<tr>
<td>EER/SEER&lt;sup&gt;2&lt;/sup&gt;</td>
<td>9.8/NA</td>
<td>9.8/NA</td>
<td>9.1/NA</td>
<td>9.1/NA</td>
</tr>
<tr>
<td>Integrated Part Load Value&lt;sup&gt;3&lt;/sup&gt;</td>
<td>N/A</td>
<td>N/A</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>7.3</td>
<td>9.3</td>
<td>9.3</td>
<td>9.3</td>
</tr>
</tbody>
</table>

| **Compressor** | | | | |
| No./Type | 1/Copeland Scroll | 1/Copeland Scroll | 2/Copeland Scroll | 2/Copeland Scroll |
| Outdoor Sound Rating (dB)<sup>4</sup> | 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] |
| Indoor 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] | 5.17 [0.48] | 5.17 [0.48] | 6.5 [0.6] | 6.5 [0.6] |
| Refrigerant Control | Capillary Tubes | Capillary Tubes | Capillary Tubes | Capillary Tubes |
| Outdoor Fan—Type | Propeller | Propeller | Propeller | Propeller |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| 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] | 1/11x10 [279.4x254] | 1/11x10 [279.4x254] | 1/11x12 [279.4x304.8] | 1/11x12 [279.4x304.8] |
| Drive Type/No. Speeds | Belt/Variable | Belt/Variable | Belt/Variable | Belt/Variable |
| No. Motors | 1 | 1 | 1 | 1 |
| Motor HP | 1 1/2 | 1 1/2 | 1 1/2 | 1 1/2 |
| Motor RPM | 1725 | 1725 | 1725 | 1725 |
| Motor Frame Size | 56 | 56 | 56 | 56 |
| Filter—Type | Disposable | Disposable | Disposable | Disposable |
| Furnished | Yes | Yes | Yes | Yes |
| (No.) Size Recommended in. [mm] | (1)x16x25 [25x406x635] | (1)x16x25 [25x406x635] | (2)x16x16 [51x406x406] | (2)x16x16 [51x406x406] |
| Weights | | | | |

See Page 22 for Notes.

[ ] Designates Metric Conversions
### GENERAL DATA—RLKA- SERIES

#### NOMINAL SIZES 3-7.5 TONS [10.6-26.4 kW] ASHRAE 90.1-1989 COMPLIANT MODELS

<table>
<thead>
<tr>
<th>Model RLKA- Series</th>
<th>A085DL</th>
<th>A085DM</th>
<th>A085YL</th>
<th>A085YM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling Performance</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EER/SEER&lt;sup&gt;2&lt;/sup&gt;</td>
<td>9.1/NA</td>
<td>9.1/NA</td>
<td>9.1/NA</td>
<td>9.1/NA</td>
</tr>
<tr>
<td>Integrated Part Load Value&lt;sup&gt;3&lt;/sup&gt;</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>9.3</td>
<td>9.3</td>
<td>9.3</td>
<td>9.3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Compressor</strong></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressor No./Type</td>
<td>2/Copeland Scroll</td>
<td>2/Copeland Scroll</td>
<td>2/Copeland Scroll</td>
<td>2/Copeland Scroll</td>
</tr>
<tr>
<td>Tube Type</td>
<td>Riffled</td>
<td>Riffled</td>
<td>Riffled</td>
<td>Riffled</td>
</tr>
<tr>
<td>Tube Size in. [mm]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Indoor Coil—Fin Type</strong></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube Type</td>
<td>Riffled</td>
<td>Riffled</td>
<td>Riffled</td>
<td>Riffled</td>
</tr>
<tr>
<td>Tube Size in. [mm]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>6.5 [0.6]</td>
<td>6.5 [0.6]</td>
<td>6.5 [0.6]</td>
<td>6.5 [0.6]</td>
</tr>
<tr>
<td>Refrigerant Control</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
</tr>
</tbody>
</table>

| **Outdoor Sound Rating (dB)<sup>4</sup>** | 83 | 83 | 83 | 83 |
| **Outdoor Fan—Type** |        |        |        |        |
| Drive Type/No. Speeds | Direct/1 | Direct/1 | Direct/1 | Direct/1 |
| 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 |

<table>
<thead>
<tr>
<th><strong>Indoor Fan—Type</strong></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Used/Diameter in. [mm]</td>
<td>1/11x12 [279.4x304.8]</td>
<td>1/11x12 [279.4x304.8]</td>
<td>1/11x12 [279.4x304.8]</td>
<td>1/11x12 [279.4x304.8]</td>
</tr>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
</tr>
<tr>
<td>No. Motors</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Motor HP</td>
<td>1 1/2</td>
<td>1 1/2</td>
<td>1 1/2</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
</tr>
<tr>
<td>Motor Frame Size</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Filter—Type</strong></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnished</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>(No.) Size Recommended in. [mm]</td>
<td>(2)2x16x16 [51x406x406]</td>
<td>(2)2x16x16 [51x406x406]</td>
<td>(2)2x16x16 [51x406x406]</td>
<td>(2)2x16x16 [51x406x406]</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th><strong>Weights</strong></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>

See Page 22 for Notes.

[ ] Designates Metric Conversions
## GENERAL DATA—RLMA- SERIES

### NOMINAL SIZES 6 TONS [21.1 kW] ASHRAE 90.1-1999 COMPLIANT MODELS

<table>
<thead>
<tr>
<th>Model RLMA- Series</th>
<th>A072CL</th>
<th>A072CM</th>
<th>A072DL</th>
<th>A072DM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling Performance</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gross Cooling Capacity Btu [kW]</td>
<td>75,000 [22]</td>
<td>75,000 [22]</td>
<td>75,000 [22]</td>
<td>75,000 [22]</td>
</tr>
<tr>
<td>EER/SEER&lt;sup&gt;2&lt;/sup&gt;</td>
<td>10.3/NA</td>
<td>10.3/NA</td>
<td>10.3/NA</td>
<td>10.3/NA</td>
</tr>
<tr>
<td>Net Sensible Capacity Btu [kW]</td>
<td>53,000 [15.5]</td>
<td>53,000 [15.5]</td>
<td>53,000 [15.5]</td>
<td>53,000 [15.5]</td>
</tr>
<tr>
<td>Integrated Part Load Value&lt;sup&gt;3&lt;/sup&gt;</td>
<td>11.5</td>
<td>11.5</td>
<td>11.5</td>
<td>11.5</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
</tbody>
</table>

**Compressor**

<table>
<thead>
<tr>
<th>No./Type</th>
<th>2/Copeland Scroll</th>
<th>2/Copeland Scroll</th>
<th>2/Copeland Scroll</th>
<th>2/Copeland Scroll</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Outdoor Sound Rating (dB)&lt;sup&gt;4&lt;/sup&gt;</strong></td>
<td>83</td>
<td>83</td>
<td>83</td>
<td>83</td>
</tr>
<tr>
<td><strong>Outdoor Coil—Fin Type</strong></td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
</tr>
<tr>
<td>Tube Type</td>
<td>Rifled</td>
<td>Rifled</td>
<td>Rifled</td>
<td>Rifled</td>
</tr>
<tr>
<td>Tube Size in. [mm] OD</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
<td>16.56 [1.54]</td>
</tr>
<tr>
<td><strong>Indoor Coil—Fin Type</strong></td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
<td>Louvered</td>
</tr>
<tr>
<td>Tube Type</td>
<td>Rifled</td>
<td>Rifled</td>
<td>Rifled</td>
<td>Rifled</td>
</tr>
<tr>
<td>Tube Size in. [mm]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
<td>0.375 [9.5]</td>
</tr>
<tr>
<td>Face Area sq. ft. [sq. m]</td>
<td>6.5 [0.6]</td>
<td>6.5 [0.6]</td>
<td>6.5 [0.6]</td>
<td>6.5 [0.6]</td>
</tr>
<tr>
<td>Refrigerant Control</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
<td>Capillary Tubes</td>
</tr>
<tr>
<td><strong>Outdoor Fan—Type</strong></td>
<td>Propeller</td>
<td>Propeller</td>
<td>Propeller</td>
<td>Propeller</td>
</tr>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Direct/1</td>
<td>Direct/1</td>
<td>Direct/1</td>
<td>Direct/1</td>
</tr>
<tr>
<td>No. Motors/HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
<td>1 at 1/3 HP</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1075</td>
<td>1075</td>
<td>1075</td>
<td>1075</td>
</tr>
<tr>
<td><strong>Indoor Fan—Type</strong></td>
<td>FC Centrifugal</td>
<td>FC Centrifugal</td>
<td>FC Centrifugal</td>
<td>FC Centrifugal</td>
</tr>
<tr>
<td>No. Used/Diameter in. [mm]</td>
<td>1/11x12 [279.4x304.8]</td>
<td>1/11x12 [279.4x304.8]</td>
<td>1/11x12 [279.4x304.8]</td>
<td>1/11x12 [279.4x304.8]</td>
</tr>
<tr>
<td>Drive Type/No. Speeds</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
<td>Belt/Variable</td>
</tr>
<tr>
<td>No. Motors</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Motor HP</td>
<td>1 1/2</td>
<td>1 1/2</td>
<td>1 1/2</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Motor RPM</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
<td>1725</td>
</tr>
<tr>
<td>Motor Frame Size</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
</tr>
<tr>
<td><strong>Filter—Type</strong></td>
<td>Disposable</td>
<td>Disposable</td>
<td>Disposable</td>
<td>Disposable</td>
</tr>
<tr>
<td>Furnished</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>(No.) Size Recommended in. [mm]</td>
<td>(4)2x16x16 [51x406x406]</td>
<td>(4)2x16x16 [51x406x406]</td>
<td>(4)2x16x16 [51x406x406]</td>
<td>(4)2x16x16 [51x406x406]</td>
</tr>
<tr>
<td><strong>Weights</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See Page 22 for Notes.

[ ] Designates Metric Conversions
## GENERAL DATA—RLMA- SERIES

### NOMINAL SIZES 6 TONS [21.1 kW] ASHRAE 90.1-1999 COMPLIANT MODELS

<table>
<thead>
<tr>
<th>Model RLMA- Series</th>
<th>A072YL</th>
<th>A072YM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling Performance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gross Cooling Capacity Btu [kW]</td>
<td>75,000 [22]</td>
<td>75,000 [22]</td>
</tr>
<tr>
<td>EER/SEER</td>
<td>10.3/NA</td>
<td>10.3/NA</td>
</tr>
<tr>
<td>ARI Net Cooling Capacity Btu [kW]</td>
<td>72,000 [21.1]</td>
<td>72,000 [21.1]</td>
</tr>
<tr>
<td>Net Sensible Capacity Btu [kW]</td>
<td>53,000 [15.5]</td>
<td>53,000 [15.5]</td>
</tr>
<tr>
<td>Net Latent Capacity Btu [kW]</td>
<td>19,000 [5.6]</td>
<td>19,000 [5.6]</td>
</tr>
<tr>
<td>Integrated Part Load Value</td>
<td>11.5</td>
<td>11.5</td>
</tr>
<tr>
<td>Net System Power kW</td>
<td>7</td>
<td>7</td>
</tr>
</tbody>
</table>

| **Compressor** | | |
| No./Type | 2/Copeland Scroll | 2/Copeland Scroll |
| **Outdoor Sound Rating (dB)** | 83 | 83 |

| **Outdoor Coil—Fin Type** | | |
| Tube Type | Louvered | Louvered |
| 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] |

| **Indoor Coil—Fin Type** | | |
| Tube Type | Louvered | Louvered |
| Tube Size in. [mm] | 0.375 [9.5] | 0.375 [9.5] |
| Face Area sq. ft. [sq. m] | 6.5 [0.6] | 6.5 [0.6] |
| Refrigerant Control | Capillary Tubes | Capillary Tubes |
| Drain Connection No./Size in. [mm] | 1/1 [25.4] | 1/1 [25.4] |

| **Outdoor Fan—Type** | | |
| Drive Type/No. Speeds | Direct/1 | Direct/1 |
| CFM [L/s] | 4000 [1888] | 4000 [1888] |
| No. Motors/HP | 1 at 1/3 HP | 1 at 1/3 HP |
| Motor RPM | 1075 | 1075 |

| **Indoor Fan—Type** | | |
| No. Used/Diameter in. [mm] | 1/11x12 [279.4x304.8] | 1/11x12 [279.4x304.8] |
| Drive Type/No. Speeds | Belt/Variable | Belt/Variable |
| No. Motors | 1 | 1 |
| Motor HP | 1 1/2 | 1 1/2 |
| Motor RPM | 1725 | 1725 |
| Motor Frame Size | 56 | 56 |

| **Filter—Type** | | |
| Furnished | Yes | Yes |
| (No.) Size Recommended in. [mm] | (4)2x16x16 [51x406x406] | (4)2x16x16 [51x406x406] |

| Refrigerant Charge Oz. [g] | 88/88 [2495/2495] | 88/88 [2495/2495] |

| **Weights** | | |
| Net Weight lbs. [kg] | 619 [281] | 619 [281] |

See Page 22 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. ARI 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 ARI Standard 210/240 or 360.

2. EER and/or SEER are rated at ARI conditions and in accordance with DOE test procedures.

3. Integrated Part Load Value is rated in accordance with ARI Standard 210/240 or 360. Units are rated at 80° F ambient, 80° F entering dry bulb, and 67° F entering wet bulb at ARI rated cfm.

4. Outdoor Sound Rating shown is tested in accordance with ARI Standard 270.
### GROSS SYSTEMS PERFORMANCE DATA—RLKA-A036

#### OUTDOOR DRY BULB TEMPERATURE

<table>
<thead>
<tr>
<th>DR (°F)</th>
<th>Total BTUH (kW)</th>
<th>Sens BTUH (kW)</th>
<th>Power</th>
<th>Sens —Sensible capacity x 1000 BTUH</th>
<th>Total BTUH (kW)</th>
<th>Sens BTUH (kW)</th>
<th>Power</th>
<th>Sens —Sensible capacity x 1000 BTUH</th>
</tr>
</thead>
<tbody>
<tr>
<td>75 [23.9]</td>
<td>43.4 [12.72]</td>
<td>41.7 [12.22]</td>
<td>2.5</td>
<td>2.4</td>
<td>40.0 [11.12]</td>
<td>33.1 [9.70]</td>
<td>2.4</td>
<td>2.4</td>
</tr>
<tr>
<td>80 [26.7]</td>
<td>42.9 [12.57]</td>
<td>41.2 [12.07]</td>
<td>2.6</td>
<td>2.6</td>
<td>39.5 [11.58]</td>
<td>32.6 [9.55]</td>
<td>2.6</td>
<td>2.6</td>
</tr>
<tr>
<td>100 [37.8]</td>
<td>40.2 [11.78]</td>
<td>38.5 [11.28]</td>
<td>3.2</td>
<td>3.2</td>
<td>36.8 [10.78]</td>
<td>30.9 [9.06]</td>
<td>3.2</td>
<td>3.2</td>
</tr>
</tbody>
</table>

#### ENTERING INDOOR AIR @ 80°F [26.7°C] de°

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>4.9</td>
<td>4.2</td>
<td>3.5</td>
<td>2.8</td>
<td>2.2</td>
<td>1.5</td>
<td>4.9</td>
<td>4.2</td>
<td>3.5</td>
<td>2.8</td>
<td>2.2</td>
</tr>
<tr>
<td>Sens —Sensible capacity x 1000 BTUH</td>
<td>36.8</td>
<td>25.4</td>
<td>14.2</td>
<td>7.6</td>
<td>4.4</td>
<td>1.5</td>
<td>36.8</td>
<td>25.4</td>
<td>14.2</td>
<td>7.6</td>
<td>4.4</td>
</tr>
<tr>
<td>Total BTUH (kW)</td>
<td>46.5</td>
<td>34.8</td>
<td>23.1</td>
<td>13.7</td>
<td>8.3</td>
<td>3.4</td>
<td>46.5</td>
<td>34.8</td>
<td>23.1</td>
<td>13.7</td>
<td>8.3</td>
</tr>
<tr>
<td>Sens BTUH (kW)</td>
<td>45.3</td>
<td>33.6</td>
<td>22.9</td>
<td>13.5</td>
<td>8.0</td>
<td>3.2</td>
<td>45.3</td>
<td>33.6</td>
<td>22.9</td>
<td>13.5</td>
<td>8.0</td>
</tr>
<tr>
<td>Power</td>
<td>4.7</td>
<td>3.9</td>
<td>3.3</td>
<td>2.8</td>
<td>2.3</td>
<td>1.7</td>
<td>4.7</td>
<td>3.9</td>
<td>3.3</td>
<td>2.8</td>
<td>2.3</td>
</tr>
</tbody>
</table>

### GROSS SYSTEMS PERFORMANCE DATA—RLKA-A042

#### OUTDOOR DRY BULB TEMPERATURE

<table>
<thead>
<tr>
<th>DR (°F)</th>
<th>Total BTUH (kW)</th>
<th>Sens BTUH (kW)</th>
<th>Power</th>
<th>Sens —Sensible capacity x 1000 BTUH</th>
<th>Total BTUH (kW)</th>
<th>Sens BTUH (kW)</th>
<th>Power</th>
<th>Sens —Sensible capacity x 1000 BTUH</th>
</tr>
</thead>
<tbody>
<tr>
<td>95 [35]</td>
<td>47.4 [13.89]</td>
<td>45.4 [13.21]</td>
<td>3.9</td>
<td>3.9</td>
<td>44.0 [13.05]</td>
<td>38.0 [11.07]</td>
<td>3.9</td>
<td>3.9</td>
</tr>
<tr>
<td>100 [37.8]</td>
<td>46.5 [13.63]</td>
<td>44.5 [13.04]</td>
<td>4.0</td>
<td>4.0</td>
<td>42.5 [12.46]</td>
<td>37.4 [10.97]</td>
<td>4.0</td>
<td>4.0</td>
</tr>
<tr>
<td>105 [40.6]</td>
<td>45.3 [13.28]</td>
<td>43.3 [12.69]</td>
<td>4.1</td>
<td>4.1</td>
<td>41.3 [12.10]</td>
<td>36.7 [10.76]</td>
<td>4.1</td>
<td>4.1</td>
</tr>
</tbody>
</table>

#### ENTERING INDOOR AIR @ 80°F [26.7°C] de°

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>4.9</td>
<td>4.2</td>
<td>3.5</td>
<td>2.8</td>
<td>2.2</td>
<td>1.5</td>
<td>4.9</td>
<td>4.2</td>
<td>3.5</td>
<td>2.8</td>
<td>2.2</td>
</tr>
<tr>
<td>Sens —Sensible capacity x 1000 BTUH</td>
<td>46.5</td>
<td>34.8</td>
<td>23.1</td>
<td>13.7</td>
<td>8.3</td>
<td>3.4</td>
<td>46.5</td>
<td>34.8</td>
<td>23.1</td>
<td>13.7</td>
<td>8.3</td>
</tr>
<tr>
<td>Total BTUH (kW)</td>
<td>46.5</td>
<td>34.8</td>
<td>23.1</td>
<td>13.7</td>
<td>8.3</td>
<td>3.4</td>
<td>46.5</td>
<td>34.8</td>
<td>23.1</td>
<td>13.7</td>
<td>8.3</td>
</tr>
<tr>
<td>Sens BTUH (kW)</td>
<td>45.3</td>
<td>33.6</td>
<td>22.9</td>
<td>13.5</td>
<td>8.0</td>
<td>3.2</td>
<td>45.3</td>
<td>33.6</td>
<td>22.9</td>
<td>13.5</td>
<td>8.0</td>
</tr>
<tr>
<td>Power</td>
<td>4.7</td>
<td>3.9</td>
<td>3.3</td>
<td>2.8</td>
<td>2.3</td>
<td>1.7</td>
<td>4.7</td>
<td>3.9</td>
<td>3.3</td>
<td>2.8</td>
<td>2.3</td>
</tr>
</tbody>
</table>

NOTES:  
1. When the entering air dry bulb is other than 80°F [26.7°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 — RRLKA-A060

#### Entering Indoor Air @ 80°F [26.7°C] (CE)

<table>
<thead>
<tr>
<th>M</th>
<th>U</th>
<th>R</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>[1963.9]</td>
<td>[1963.9]</td>
<td>[1963.9]</td>
</tr>
<tr>
<td>1500</td>
<td>[1415.1]</td>
<td>[1415.1]</td>
<td>[1415.1]</td>
</tr>
<tr>
<td>1000</td>
<td>[943.9]</td>
<td>[943.9]</td>
<td>[943.9]</td>
</tr>
</tbody>
</table>

**NOTES:**
- DR — Depression ratio
- M — Total BTUH
- U — Total capacity x 1000 BTUH
- R — Sensible capacity x 1000 BTUH
- E — Power

#### Designates Metric Conversions

**Entering Indoor Air @ 80°F [26.7°C] (CE)**

<table>
<thead>
<tr>
<th>M</th>
<th>U</th>
<th>R</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>[1963.9]</td>
<td>[1963.9]</td>
<td>[1963.9]</td>
</tr>
<tr>
<td>1500</td>
<td>[1415.1]</td>
<td>[1415.1]</td>
<td>[1415.1]</td>
</tr>
<tr>
<td>1000</td>
<td>[943.9]</td>
<td>[943.9]</td>
<td>[943.9]</td>
</tr>
</tbody>
</table>

**General Notes:**
- When the entering air dry bulb is other than 80°F [26.7°C], adjust the sensible capacity from the table by adding [1.0] CFM [L/s] (M) only (m3/s).

---

**Gross Systems Performance — RRLKA Series**

<table>
<thead>
<tr>
<th>M</th>
<th>U</th>
<th>R</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>[1963.9]</td>
<td>[1963.9]</td>
<td>[1963.9]</td>
</tr>
<tr>
<td>1500</td>
<td>[1415.1]</td>
<td>[1415.1]</td>
<td>[1415.1]</td>
</tr>
<tr>
<td>1000</td>
<td>[943.9]</td>
<td>[943.9]</td>
<td>[943.9]</td>
</tr>
</tbody>
</table>

**NOTES:**
- DR — Depression ratio
- M — Total BTUH
- U — Total capacity x 1000 BTUH
- R — Sensible capacity x 1000 BTUH
- E — Power

#### Designates Metric Conversions

**Entering Indoor Air @ 80°F [26.7°C] (CE)**

<table>
<thead>
<tr>
<th>M</th>
<th>U</th>
<th>R</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>[1963.9]</td>
<td>[1963.9]</td>
<td>[1963.9]</td>
</tr>
<tr>
<td>1500</td>
<td>[1415.1]</td>
<td>[1415.1]</td>
<td>[1415.1]</td>
</tr>
<tr>
<td>1000</td>
<td>[943.9]</td>
<td>[943.9]</td>
<td>[943.9]</td>
</tr>
</tbody>
</table>

**General Notes:**
- When the entering air dry bulb is other than 80°F [26.7°C], adjust the sensible capacity from the table by adding [1.0] CFM [L/s] (M) only (m3/s).
**SYSTEMS PERFORMANCE—RLKA- SERIES**

**GROSS SYSTEMS PERFORMANCE DATA—RLKA-A073**

<table>
<thead>
<tr>
<th>DR</th>
<th>CFM [1/s]</th>
<th>71°F [21.7°C]</th>
<th>1240</th>
<th>3000</th>
<th>1415.8</th>
<th>2400</th>
<th>1132.7</th>
<th>1800</th>
<th>849.5</th>
<th>1415.8</th>
<th>3000</th>
<th>1132.7</th>
<th>1800</th>
<th>849.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>16</td>
<td>24</td>
<td>2400</td>
<td>2140</td>
<td>2850</td>
<td>1671</td>
<td>3660</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>80</td>
<td>24.1</td>
<td>24.4</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>85</td>
<td>24.4</td>
<td>24.7</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>90</td>
<td>24.7</td>
<td>25.1</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>95</td>
<td>25.1</td>
<td>25.5</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>100</td>
<td>25.5</td>
<td>25.9</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>105</td>
<td>25.9</td>
<td>26.3</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>110</td>
<td>26.3</td>
<td>26.7</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>115</td>
<td>26.7</td>
<td>27.1</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
</tbody>
</table>

**GROSS SYSTEMS PERFORMANCE DATA—RLKA-A085**

<table>
<thead>
<tr>
<th>DR</th>
<th>CFM [1/s]</th>
<th>71°F [21.7°C]</th>
<th>1240</th>
<th>3000</th>
<th>1415.8</th>
<th>2400</th>
<th>1132.7</th>
<th>1800</th>
<th>849.5</th>
<th>1415.8</th>
<th>3000</th>
<th>1132.7</th>
<th>1800</th>
<th>849.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>16</td>
<td>24</td>
<td>2400</td>
<td>2140</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>80</td>
<td>24.1</td>
<td>24.4</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>85</td>
<td>24.4</td>
<td>24.7</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>90</td>
<td>24.7</td>
<td>25.1</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>95</td>
<td>25.1</td>
<td>25.5</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>100</td>
<td>25.5</td>
<td>25.9</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>105</td>
<td>25.9</td>
<td>26.3</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>110</td>
<td>26.3</td>
<td>26.7</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
<tr>
<td>115</td>
<td>26.7</td>
<td>27.1</td>
<td>2850</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
<td>5250</td>
<td>1671</td>
</tr>
</tbody>
</table>

**Notes:** DR = Depression ratio  
DBE = Entering air dry bulb  
wB = Entering air wet bulb  
Sens = Sensible capacity x 1000 BTUH  
Power = Power x K conversions  
NOTES: When the entering air dry bulb is other than 80°F [26.7°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dB – 80)].

[ ] Designates Metric Conversions
<table>
<thead>
<tr>
<th>DR</th>
<th>75°F (23.9°C)</th>
<th>80°F (26.7°C)</th>
<th>85°F (29.4°C)</th>
<th>90°F (32.2°C)</th>
<th>95°F (35°C)</th>
<th>100°F (37.8°C)</th>
<th>105°F (40.6°C)</th>
<th>110°F (43.3°C)</th>
<th>115°F (46.1°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total BTUH (kW)</td>
<td>Sens BTUH (kW)</td>
<td>Power</td>
<td>Total BTUH (kW)</td>
<td>Sens BTUH (kW)</td>
<td>Power</td>
<td>Total BTUH (kW)</td>
<td>Sens BTUH (kW)</td>
<td>Power</td>
</tr>
<tr>
<td></td>
<td>kW</td>
<td>kW</td>
<td></td>
<td>kW</td>
<td>kW</td>
<td></td>
<td>kW</td>
<td>kW</td>
<td></td>
</tr>
<tr>
<td>.10</td>
<td>83.5</td>
<td>54.3</td>
<td>4.8</td>
<td>82.8</td>
<td>54.2</td>
<td>5.2</td>
<td>82.2</td>
<td>53.7</td>
<td>5.5</td>
</tr>
<tr>
<td>.15</td>
<td>81.6</td>
<td>56.0</td>
<td>4.9</td>
<td>80.9</td>
<td>54.2</td>
<td>5.5</td>
<td>80.3</td>
<td>54.6</td>
<td>5.6</td>
</tr>
<tr>
<td>.20</td>
<td>79.2</td>
<td>57.5</td>
<td>5.1</td>
<td>77.5</td>
<td>55.2</td>
<td>5.6</td>
<td>75.9</td>
<td>55.6</td>
<td>5.7</td>
</tr>
<tr>
<td>.25</td>
<td>76.8</td>
<td>58.8</td>
<td>5.3</td>
<td>74.1</td>
<td>57.6</td>
<td>5.6</td>
<td>74.0</td>
<td>57.0</td>
<td>5.8</td>
</tr>
<tr>
<td>.30</td>
<td>74.4</td>
<td>60.1</td>
<td>5.4</td>
<td>71.9</td>
<td>56.3</td>
<td>5.8</td>
<td>72.0</td>
<td>56.1</td>
<td>5.9</td>
</tr>
<tr>
<td>.35</td>
<td>71.9</td>
<td>61.3</td>
<td>5.5</td>
<td>69.3</td>
<td>54.9</td>
<td>6.0</td>
<td>69.0</td>
<td>54.9</td>
<td>6.0</td>
</tr>
<tr>
<td>.40</td>
<td>69.4</td>
<td>62.3</td>
<td>5.7</td>
<td>66.9</td>
<td>55.0</td>
<td>6.1</td>
<td>68.0</td>
<td>55.2</td>
<td>6.1</td>
</tr>
<tr>
<td>.45</td>
<td>66.8</td>
<td>63.2</td>
<td>5.8</td>
<td>64.4</td>
<td>55.6</td>
<td>6.1</td>
<td>67.0</td>
<td>55.6</td>
<td>6.1</td>
</tr>
<tr>
<td>.50</td>
<td>64.2</td>
<td>64.0</td>
<td>6.0</td>
<td>61.9</td>
<td>56.1</td>
<td>6.1</td>
<td>65.0</td>
<td>55.7</td>
<td>6.1</td>
</tr>
<tr>
<td>.55</td>
<td>61.5</td>
<td>64.7</td>
<td>6.1</td>
<td>59.5</td>
<td>56.5</td>
<td>6.2</td>
<td>63.3</td>
<td>56.0</td>
<td>6.1</td>
</tr>
</tbody>
</table>

**NOTES:**
- 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 (dB-E – 80)].

[ ] Designates Metric Conversions
### DIRECT-DRIVE BLOWER AIRFLOW PERFORMANCE

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RLKA-A036</td>
<td>Low</td>
<td>1/2 [373]</td>
<td>3</td>
<td>10 x 10</td>
<td>Low</td>
<td>1275 [602] (483)</td>
<td>1275 [602] (483)</td>
</tr>
<tr>
<td>RLKA-A042</td>
<td>Medium</td>
<td>1/2 [373]</td>
<td>3</td>
<td>10 x 10</td>
<td>Medium</td>
<td>1397 [659] (661)</td>
<td>1397 [659] (661)</td>
</tr>
<tr>
<td>RLKA-A048</td>
<td>High</td>
<td>1/2 [373]</td>
<td>3</td>
<td>10 x 10</td>
<td>High</td>
<td>1364 [627] (578)</td>
<td>1364 [627] (578)</td>
</tr>
<tr>
<td>RLKA-A050</td>
<td>Low</td>
<td>3/4 [559]</td>
<td>3</td>
<td>10 x 10</td>
<td>Low</td>
<td>1352 [638] (568)</td>
<td>1352 [638] (568)</td>
</tr>
<tr>
<td>Medium</td>
<td>3/4 [559]</td>
<td>3</td>
<td>10 x 10</td>
<td>Medium</td>
<td>1393 [915] (955)</td>
<td>1393 [915] (955)</td>
<td></td>
</tr>
<tr>
<td>High</td>
<td>3/4 [559]</td>
<td>3</td>
<td>10 x 10</td>
<td>High</td>
<td>1252 [591] (550)</td>
<td>1252 [591] (550)</td>
<td></td>
</tr>
</tbody>
</table>

### BELT-DRIVE AIRFLOW PERFORMANCE

| Air Flow CFM [L/s] | 0.1 [0.02] | 0.2 [0.05] | 0.3 [0.07] | 0.4 [0.10] | 0.5 [0.12] | 0.6 [0.15] | 0.7 [0.17] | 0.8 [0.20] | 0.9 [0.22] | 1.0 [0.25] | 1.1 [0.27] | 1.2 [0.30] | 1.3 [0.32] | 1.4 [0.35] | 1.5 [0.37] |
|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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      | RPM W      |
| 900 [45]          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          |
| 1000 [50]         | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          |
| 1100 [55]         | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          |
| 1200 [56]         | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          |
| 1300 [114]        | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          |
| 1400 [161]        | 655        | 340        | 720        | 365        | 795        | 385        | 400        | 890        | 630        | 435        | 955        | 455        | 975        | 470        | 1000       |
| 1500 [708]        | 685        | 380        | 755        | 390        | 825        | 415        | 870        | 435        | 915        | 455        | 955        | 480        | 990        | 505        | 1400       |
| 1600 [755]        | 730        | 420        | 790        | 435        | 850        | 455        | 890        | 430        | 935        | 455        | 955        | 480        | 990        | 505        | 1500       |
| 1700 [805]        | 750        | 465        | 825        | 475        | 875        | 505        | 990        | 435        | 935        | 455        | 955        | 480        | 990        | 505        | 1600       |
| 1800 [850]        | 790        | 520        | 900        | 500        | 985        | 535        | 1040       | 500        | 1120       | 510        | 1080       | 540        | 1180       | 570        | 1700       |

**FACTORY SHEAVE SETTINGS**

- **Drive Package:** L, M, and N drives respectively.
- **Turns Open:** 0, 1, 2, 3, 4, 5, 6
- **Motor H.P. [w]:** 1/2 [373], 3/4 [559] - 575V
- **Blower Sheave:** 9.6 Pitch Diameter
- **Motor Sheave:** Adjustable 2.4-4.4 Pitch Diameter

**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 = Watts / Motor Eff.
5. Add component resistance to duct static to determine E.S.P. as shown on charts.

[ ] Designates Metric Conversions
## BELT-DRIVE AIRFLOW PERFORMANCE

### 4 Ton [14.06 kW]—Self-Contained Air Conditioner (10 SEER)

| RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1200 [66] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 1300 [68] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 1400 [68] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 1500 [70] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |

### 5 Ton [17.58 kW]—10 SEER 3 PHASE MODELS

| RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W | RPM | W |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1400 [66] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 1500 [68] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 1600 [70] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 1700 [82] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 1800 [85] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 1900 [87] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 2000 [94] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 2100 [95] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 2200 [98] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 2300 [103] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |
| 2400 [107] | 1.0 | 995 | 1270 | 1320 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 | 1100 | 995 | 1050 | 900 |

### 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 = Watts x Motor Eff.
5. Add component resistance to duct static to determine E.S.P. as shown on charts.

[ ] Designates Metric Conversions
## BELT-DRIVE AIRFLOW PERFORMANCE—6 TON [21.10 kW] MODEL

<table>
<thead>
<tr>
<th>Capacity</th>
<th>6 Ton [21.10 kW]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>208-230-460 &amp; 575—3 Phase</td>
</tr>
</tbody>
</table>

### External Static Pressure—Inches of Water (kPa)

| Air Flow Capacities | 0.1 [0.02] | 0.2 [0.05] | 0.3 [0.07] | 0.4 [0.10] | 0.5 [0.12] | 0.6 [0.15] | 0.7 [0.17] | 0.8 [0.20] | 0.9 [0.22] | 1.0 [0.25] | 1.1 [0.27] | 1.2 [0.30] | 1.3 [0.32] | 1.4 [0.35] | 1.5 [0.37] |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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 | RPM W |
| 1800 [850] | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1900 [897] | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2000 [944] | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2100 [991] | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2200 [1038] | 780 | 660 | 625 | 600 | 575 | 550 | 525 | 500 | 475 | 450 | 425 | 400 | 375 | 350 | 325 | 300 |
| 2300 [1085] | 815 | 720 | 685 | 650 | 615 | 580 | 545 | 510 | 475 | 450 | 425 | 400 | 375 | 350 | 325 | 300 |
| 2400 [1132] | 845 | 780 | 725 | 680 | 635 | 590 | 545 | 500 | 465 | 440 | 415 | 390 | 365 | 340 | 315 | 300 |
| 2500 [1180] | 870 | 855 | 810 | 775 | 740 | 705 | 670 | 635 | 600 | 565 | 540 | 515 | 490 | 465 | 440 | 415 |
| 2600 [1227] | 900 | 945 | 900 | 865 | 830 | 795 | 760 | 725 | 690 | 655 | 630 | 605 | 580 | 555 | 530 | 505 |
| 2700 [1274] | 930 | 975 | 930 | 900 | 865 | 830 | 795 | 760 | 725 | 690 | 655 | 630 | 605 | 580 | 555 | 530 |
| 2800 [1321] | 960 | 1105 | 1000 | 975 | 950 | 925 | 900 | 875 | 850 | 825 | 800 | 775 | 750 | 725 | 700 | 675 |

### Drive Package

<table>
<thead>
<tr>
<th>Motor H.P. [w]</th>
<th>1-1/2 [1118.5]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blower Sheave</td>
<td>6.4 Pitch Diameter</td>
</tr>
<tr>
<td>Motor Sheave</td>
<td>Adjustable 2.8-3.8 Pitch Diameter</td>
</tr>
<tr>
<td>Turns Open</td>
<td>Adjustable 3.4-4.4 Pitch Diameter</td>
</tr>
</tbody>
</table>

### Motor H.P. [w]

<table>
<thead>
<tr>
<th>RPM</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>1100</td>
<td>1295</td>
<td>1230</td>
<td>1195</td>
<td>1145</td>
<td>1100</td>
<td>1050</td>
<td>1000</td>
</tr>
<tr>
<td>1050</td>
<td>1240</td>
<td>1180</td>
<td>1130</td>
<td>1085</td>
<td>1035</td>
<td>985</td>
<td>935</td>
</tr>
<tr>
<td>1000</td>
<td>1235</td>
<td>1170</td>
<td>1115</td>
<td>1060</td>
<td>1010</td>
<td>955</td>
<td>905</td>
</tr>
<tr>
<td>950</td>
<td>1225</td>
<td>1160</td>
<td>1105</td>
<td>1050</td>
<td>1000</td>
<td>945</td>
<td>895</td>
</tr>
<tr>
<td>900</td>
<td>1215</td>
<td>1150</td>
<td>1095</td>
<td>1040</td>
<td>990</td>
<td>935</td>
<td>885</td>
</tr>
<tr>
<td>850</td>
<td>1205</td>
<td>1140</td>
<td>1085</td>
<td>1030</td>
<td>985</td>
<td>930</td>
<td>880</td>
</tr>
<tr>
<td>800</td>
<td>1195</td>
<td>1135</td>
<td>1075</td>
<td>1020</td>
<td>975</td>
<td>925</td>
<td>875</td>
</tr>
<tr>
<td>750</td>
<td>1185</td>
<td>1125</td>
<td>1065</td>
<td>1015</td>
<td>970</td>
<td>920</td>
<td>870</td>
</tr>
<tr>
<td>700</td>
<td>1175</td>
<td>1115</td>
<td>1055</td>
<td>1005</td>
<td>960</td>
<td>910</td>
<td>860</td>
</tr>
<tr>
<td>650</td>
<td>1165</td>
<td>1105</td>
<td>1045</td>
<td>995</td>
<td>950</td>
<td>900</td>
<td>850</td>
</tr>
<tr>
<td>605</td>
<td>1155</td>
<td>1095</td>
<td>1035</td>
<td>985</td>
<td>945</td>
<td>895</td>
<td>845</td>
</tr>
<tr>
<td>560</td>
<td>1145</td>
<td>1085</td>
<td>1025</td>
<td>975</td>
<td>935</td>
<td>885</td>
<td>835</td>
</tr>
<tr>
<td>520</td>
<td>1135</td>
<td>1075</td>
<td>1015</td>
<td>965</td>
<td>925</td>
<td>875</td>
<td>825</td>
</tr>
<tr>
<td>480</td>
<td>1125</td>
<td>1065</td>
<td>1005</td>
<td>955</td>
<td>915</td>
<td>865</td>
<td>815</td>
</tr>
<tr>
<td>440</td>
<td>1115</td>
<td>1055</td>
<td>995</td>
<td>955</td>
<td>915</td>
<td>865</td>
<td>815</td>
</tr>
<tr>
<td>400</td>
<td>1105</td>
<td>1045</td>
<td>985</td>
<td>945</td>
<td>905</td>
<td>855</td>
<td>805</td>
</tr>
<tr>
<td>360</td>
<td>1095</td>
<td>1035</td>
<td>975</td>
<td>935</td>
<td>895</td>
<td>845</td>
<td>795</td>
</tr>
<tr>
<td>320</td>
<td>1085</td>
<td>1025</td>
<td>965</td>
<td>925</td>
<td>885</td>
<td>835</td>
<td>785</td>
</tr>
<tr>
<td>280</td>
<td>1075</td>
<td>1015</td>
<td>955</td>
<td>915</td>
<td>875</td>
<td>825</td>
<td>775</td>
</tr>
<tr>
<td>240</td>
<td>1065</td>
<td>1005</td>
<td>945</td>
<td>905</td>
<td>865</td>
<td>815</td>
<td>765</td>
</tr>
<tr>
<td>200</td>
<td>1055</td>
<td>995</td>
<td>955</td>
<td>915</td>
<td>875</td>
<td>825</td>
<td>775</td>
</tr>
<tr>
<td>160</td>
<td>1045</td>
<td>985</td>
<td>945</td>
<td>905</td>
<td>865</td>
<td>815</td>
<td>765</td>
</tr>
</tbody>
</table>

### Drive Package

<table>
<thead>
<tr>
<th>Drive Package</th>
<th>L</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor H.P. [w]</td>
<td>1-1/2 [1118.5]</td>
<td></td>
</tr>
<tr>
<td>Blower Sheave</td>
<td>6.4 Pitch Diameter</td>
<td></td>
</tr>
<tr>
<td>Motor Sheave</td>
<td>Adjustable 2.8-3.8 Pitch Diameter</td>
<td></td>
</tr>
<tr>
<td>Turns Open</td>
<td>Adjustable 3.4-4.4 Pitch Diameter</td>
<td></td>
</tr>
</tbody>
</table>

### Factory Sheave Settings

- L: Drive left of bold line
- M: Drive right of bold line

### Designates Metric Conversions

| [ ] | Designates Metric Conversions |

### 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 = Watts x Motor Eff.
5. Add component resistance to duct static to determine E.S.P. as shown on charts.
AIRFLOW PERFORMANCE—7.5 TON [26.4 kW] BELT DRIVE

<table>
<thead>
<tr>
<th>Air Flow CFM (L/s)</th>
<th>Capacity 7.5 Ton [26.4 kW]—9.1 EER</th>
<th>External Static Pressure—Inches of Water (kPa)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.1 [.02]</td>
<td>0.2 [.05]</td>
</tr>
<tr>
<td>RPM</td>
<td>W RPM</td>
<td>W RPM</td>
</tr>
<tr>
<td>2200 [944]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2300 [1053]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2400 [1162]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2500 [1271]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2600 [1380]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2700 [1489]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2800 [1598]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2900 [1707]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3000 [1816]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3100 [1925]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3200 [2034]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3300 [2143]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3400 [2252]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3500 [2361]</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

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

Factory sheave settings are shown in bold print.

COMPONENT AIR RESISTANCE

<table>
<thead>
<tr>
<th>Component</th>
<th>Standard Indoor Airflow—CFM (L/s)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Resistance—Inches Water [kPa]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wet Coil</td>
</tr>
<tr>
<td>Downflow</td>
</tr>
<tr>
<td>R.S.I. Economizer R.A. Damper</td>
</tr>
</tbody>
</table>

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 = Watts x Motor Eff.
5. Add component resistance to duct static to determine E.S.P. as shown on charts.

Designates Metric Conversions
<table>
<thead>
<tr>
<th>Unit Model</th>
<th>Factory Motor HP [w]</th>
<th>Motor Speed</th>
<th># of Motor Speeds</th>
<th>Blower Size</th>
<th>Motor Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLMA-060</td>
<td>Low 3/4 [559]</td>
<td>3</td>
<td>10 x 10</td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Medium 3/4 [559]</td>
<td>3</td>
<td>10 x 10</td>
<td>Medium</td>
<td></td>
</tr>
<tr>
<td></td>
<td>High 3/4 [559]</td>
<td>3</td>
<td>10 x 10</td>
<td>High</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CFM (L/s) Air Delivery (Watts)—208 Volts Side Discharge—Dry Coil</th>
<th>CFM (L/s) Air Delivery (Watts)—230 Volts Side Discharge—Dry Coil</th>
</tr>
</thead>
<tbody>
<tr>
<td>External Static Pressure (I.W.C.) [kPa]</td>
<td>External Static Pressure (I.W.C.) [kPa]</td>
</tr>
<tr>
<td>0.1 (.02)</td>
<td>0.2 (.05)</td>
</tr>
</tbody>
</table>

[ ] Designates Metric Conversions
## BELT-DRIVE AIRFLOW PERFORMANCE—6 TON [21.10 kW] MODEL

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM W</td>
<td>RPM W</td>
<td>RPM W</td>
<td>RPM W</td>
</tr>
<tr>
<td>1900 [250]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1900 [250]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2000 [294]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2100 [309]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2200 [338]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2300 [365]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2400 [392]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2500 [419]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2600 [447]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2700 [475]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2800 [503]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2900 [530]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3000 [558]</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

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

### COMPONENT AIR RESISTANCE

<table>
<thead>
<tr>
<th>Component</th>
<th>Standard Indoor Airflow—CFM [L/s]</th>
<th>Resistance—Inches of Water [kPa]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wet Coil</td>
<td>2200 [844] 2400 [1113] 2600 [1227] 2800 [1321] 3000 [1510] 3400 [1605]</td>
<td>0.079 0.090 0.102 0.118 0.128 0.135</td>
</tr>
<tr>
<td>Downflow</td>
<td>0.61 0.79 0.89 1.00 1.08 1.12 1.15</td>
<td>0.010 0.011 0.012 0.013 0.014 0.015 0.016</td>
</tr>
<tr>
<td>R.S.I. Economizer</td>
<td>0.09 0.10 0.11 0.12 0.13 0.15 0.16</td>
<td>0.009 0.010 0.011 0.012 0.013 0.014 0.015</td>
</tr>
<tr>
<td>R.A. Damper</td>
<td>0.010 0.010 0.010 0.010 0.010 0.010 0.010</td>
<td>0.009 0.009 0.009 0.009 0.009 0.009 0.009</td>
</tr>
</tbody>
</table>

**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 = Watts x Motor Eff.
5. Add component resistance to duct static to determine E.S.P. as shown on charts.

[ ] Designates Metric Conversions
<table>
<thead>
<tr>
<th>Model No.</th>
<th>Unit Operating Voltage Range</th>
<th>Minimum Circuit Ampacity</th>
<th>Minimum Overcurrent Protection Device Size</th>
<th>Maximum Overcurrent Protection Device Size</th>
<th>Unit Information</th>
<th>Evaporator Fan</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLKA-</td>
<td>Voltage Range</td>
<td>Ampacity</td>
<td>(FLA)</td>
<td>(LRA)</td>
<td>No.</td>
<td>Volts</td>
</tr>
<tr>
<td>A036CK</td>
<td>187-253</td>
<td>21/21</td>
<td>25/25</td>
<td>30/30</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A036CL</td>
<td>187-253</td>
<td>21/21</td>
<td>25/25</td>
<td>30/30</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A036CM</td>
<td>187-253</td>
<td>21/21</td>
<td>25/25</td>
<td>30/30</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A036DK</td>
<td>414-506</td>
<td>11</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A036DL</td>
<td>414-506</td>
<td>11</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A036DM</td>
<td>414-506</td>
<td>11</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A036YL</td>
<td>518-633</td>
<td>8</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A036YM</td>
<td>518-633</td>
<td>10</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A042CK</td>
<td>187-253</td>
<td>22/22</td>
<td>30/30</td>
<td>35/35</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A042CL</td>
<td>187-253</td>
<td>22/22</td>
<td>30/30</td>
<td>35/35</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A042CM</td>
<td>187-253</td>
<td>22/22</td>
<td>30/30</td>
<td>35/35</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A042DK</td>
<td>414-506</td>
<td>13</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A042DL</td>
<td>414-506</td>
<td>12</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A042DM</td>
<td>414-506</td>
<td>12</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A042YL</td>
<td>518-633</td>
<td>10</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A042YM</td>
<td>518-633</td>
<td>10</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A048CK</td>
<td>187-253</td>
<td>22/22</td>
<td>30/30</td>
<td>35/35</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A048CL</td>
<td>187-253</td>
<td>22/22</td>
<td>30/30</td>
<td>35/35</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A048CM</td>
<td>187-253</td>
<td>24/24</td>
<td>30/30</td>
<td>35/35</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A048DK</td>
<td>414-506</td>
<td>12</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A048DL</td>
<td>414-506</td>
<td>12</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A048DM</td>
<td>414-506</td>
<td>12</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A048YL</td>
<td>518-633</td>
<td>10</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A048YM</td>
<td>518-633</td>
<td>11</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A060CK</td>
<td>187-253</td>
<td>30/30</td>
<td>35/35</td>
<td>40/40</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A060CL</td>
<td>187-253</td>
<td>28/28</td>
<td>35/35</td>
<td>40/40</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A060CM</td>
<td>187-253</td>
<td>28/28</td>
<td>35/35</td>
<td>40/40</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A060DK</td>
<td>414-506</td>
<td>15</td>
<td>20</td>
<td>20</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A060DL</td>
<td>414-506</td>
<td>14</td>
<td>20</td>
<td>20</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A060DM</td>
<td>414-506</td>
<td>15</td>
<td>20</td>
<td>20</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A060YL</td>
<td>518-633</td>
<td>11</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A060YM</td>
<td>518-633</td>
<td>11</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A073CM</td>
<td>187-253</td>
<td>37/37</td>
<td>40/40</td>
<td>50/50</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A073DL</td>
<td>414-506</td>
<td>19</td>
<td>20</td>
<td>25</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A073DM</td>
<td>414-506</td>
<td>19</td>
<td>20</td>
<td>25</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A073YL</td>
<td>518-633</td>
<td>15</td>
<td>15</td>
<td>20</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A073YM</td>
<td>518-633</td>
<td>15</td>
<td>15</td>
<td>20</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A085CK</td>
<td>187-253</td>
<td>39/39</td>
<td>40/40</td>
<td>50/50</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A085CM</td>
<td>187-253</td>
<td>39/39</td>
<td>40/40</td>
<td>50/50</td>
<td>1</td>
<td>208/230</td>
</tr>
<tr>
<td>A085DL</td>
<td>414-506</td>
<td>20</td>
<td>20</td>
<td>25</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A085DM</td>
<td>414-506</td>
<td>20</td>
<td>20</td>
<td>25</td>
<td>1</td>
<td>460</td>
</tr>
<tr>
<td>A085YL</td>
<td>518-633</td>
<td>16</td>
<td>15</td>
<td>20</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>A085YM</td>
<td>518-633</td>
<td>16</td>
<td>15</td>
<td>20</td>
<td>1</td>
<td>575</td>
</tr>
<tr>
<td>Model No.</td>
<td>No.</td>
<td>Volts</td>
<td>Phase</td>
<td>HP(^2)</td>
<td>RPM</td>
<td>Amps(^1) (RLA)</td>
</tr>
<tr>
<td>-----------</td>
<td>-----</td>
<td>-------</td>
<td>-------</td>
<td>---------</td>
<td>-----</td>
<td>----------------</td>
</tr>
<tr>
<td>A036CK</td>
<td>1</td>
<td>208/230</td>
<td>3</td>
<td>3 1/3</td>
<td>3450</td>
<td>12.4/12.4</td>
</tr>
<tr>
<td>A036CL</td>
<td>1</td>
<td>208/230</td>
<td>3</td>
<td>3 1/3</td>
<td>3450</td>
<td>12.4/12.4</td>
</tr>
<tr>
<td>A036CM</td>
<td>1</td>
<td>208/230</td>
<td>3</td>
<td>3 1/3</td>
<td>3450</td>
<td>12.4/12.4</td>
</tr>
<tr>
<td>A036DK</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>3 1/3</td>
<td>3450</td>
<td>6.1</td>
</tr>
<tr>
<td>A036DL</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>3 1/3</td>
<td>3450</td>
<td>6.1</td>
</tr>
<tr>
<td>A036DM</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>3 1/3</td>
<td>3450</td>
<td>6.1</td>
</tr>
<tr>
<td>A036YL</td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>3 1/3</td>
<td>3450</td>
<td>4.8</td>
</tr>
<tr>
<td>A036YM</td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>3 1/3</td>
<td>3450</td>
<td>4.8</td>
</tr>
<tr>
<td>A042DK</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>7.2</td>
</tr>
<tr>
<td>A042DL</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>7.2</td>
</tr>
<tr>
<td>A042DM</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>7.2</td>
</tr>
<tr>
<td>A042YL</td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>5.4</td>
</tr>
<tr>
<td>A042YM</td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>5.4</td>
</tr>
<tr>
<td>A048CK</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>4</td>
<td>3450</td>
<td>7.4</td>
</tr>
<tr>
<td>A048CL</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>4</td>
<td>3450</td>
<td>7.4</td>
</tr>
<tr>
<td>A048CM</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>4</td>
<td>3450</td>
<td>7.4</td>
</tr>
<tr>
<td>A048DK</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>4</td>
<td>3450</td>
<td>7.4</td>
</tr>
<tr>
<td>A048DL</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>4</td>
<td>3450</td>
<td>7.4</td>
</tr>
<tr>
<td>A048DM</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>4</td>
<td>3450</td>
<td>7.4</td>
</tr>
<tr>
<td>A048YL</td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>4</td>
<td>3450</td>
<td>5.8</td>
</tr>
<tr>
<td>A048YM</td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>4</td>
<td>3450</td>
<td>5.8</td>
</tr>
<tr>
<td>A060CK</td>
<td>1</td>
<td>208/230</td>
<td>3</td>
<td>5</td>
<td>3450</td>
<td>17.3/17.3</td>
</tr>
<tr>
<td>A060CL</td>
<td>1</td>
<td>208/230</td>
<td>3</td>
<td>5</td>
<td>3450</td>
<td>17.3/17.3</td>
</tr>
<tr>
<td>A060CM</td>
<td>1</td>
<td>208/230</td>
<td>3</td>
<td>5</td>
<td>3450</td>
<td>17.3/17.3</td>
</tr>
<tr>
<td>A060DK</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>5</td>
<td>3450</td>
<td>9</td>
</tr>
<tr>
<td>A060DL</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>5</td>
<td>3450</td>
<td>9</td>
</tr>
<tr>
<td>A060DM</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>5</td>
<td>3450</td>
<td>9</td>
</tr>
<tr>
<td>A060YL</td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>5</td>
<td>3450</td>
<td>7.1</td>
</tr>
<tr>
<td>A060YM</td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>5</td>
<td>3450</td>
<td>7.1</td>
</tr>
<tr>
<td>A073CL</td>
<td>1</td>
<td>208/230</td>
<td>3</td>
<td>6</td>
<td>3450</td>
<td>21.9/21.9</td>
</tr>
<tr>
<td>A073CM</td>
<td>1</td>
<td>208/230</td>
<td>3</td>
<td>6</td>
<td>3450</td>
<td>21.9/21.9</td>
</tr>
<tr>
<td>A073DL</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>6</td>
<td>3450</td>
<td>10.9</td>
</tr>
<tr>
<td>A073DM</td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>6</td>
<td>3450</td>
<td>10.9</td>
</tr>
<tr>
<td>A073YL</td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>6</td>
<td>3450</td>
<td>8.9</td>
</tr>
<tr>
<td>A073YM</td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>6</td>
<td>3450</td>
<td>8.9</td>
</tr>
<tr>
<td>A085CL</td>
<td>2</td>
<td>208/230</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>14/14</td>
</tr>
<tr>
<td>A085CM</td>
<td>2</td>
<td>208/230</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>14/14</td>
</tr>
<tr>
<td>A085DL</td>
<td>2</td>
<td>460</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>7.2</td>
</tr>
<tr>
<td>A085DM</td>
<td>2</td>
<td>460</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>7.2</td>
</tr>
<tr>
<td>A085YL</td>
<td>2</td>
<td>575</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>5.4</td>
</tr>
<tr>
<td>A085YM</td>
<td>2</td>
<td>575</td>
<td>3</td>
<td>3 1/2</td>
<td>3450</td>
<td>5.4</td>
</tr>
</tbody>
</table>

<p>| Condenser Motor |
|------------------|------------------|------------------|------------------|</p>
<table>
<thead>
<tr>
<th>No.</th>
<th>Volts</th>
<th>Phase</th>
<th>HP(^2)</th>
<th>RPM</th>
<th>Amps(^1) (FLA)</th>
<th>Amps(^1) (LRA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model No. RLMA-</td>
<td>Unit Information</td>
<td>Evaporator Fan</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>-----------------</td>
<td>----------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimum Circuit</td>
<td>Minimum Overcurrent</td>
<td>Maximum Overcurrent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ampacity</td>
<td>Protection Device Size</td>
<td>Protection Device Size</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A072CL</td>
<td>187-253</td>
<td>34/34</td>
<td>40/40</td>
<td>40/40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A072CM</td>
<td>187-253</td>
<td>34/34</td>
<td>40/40</td>
<td>40/40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A072DL</td>
<td>414-506</td>
<td>18</td>
<td>20</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A072DM</td>
<td>414-506</td>
<td>18</td>
<td>20</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A072YL</td>
<td>518-633</td>
<td>14</td>
<td>15</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A072YM</td>
<td>518-633</td>
<td>14</td>
<td>15</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Unit Information</td>
<td></td>
<td>No.</td>
<td>Volts</td>
<td>Phase</td>
<td>HP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>208/230</td>
<td>3</td>
<td>1 1/2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>208/230</td>
<td>3</td>
<td>1 1/2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>1 1/2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>460</td>
<td>3</td>
<td>1 1/2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>1 1/2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>575</td>
<td>3</td>
<td>1 1/2</td>
</tr>
</tbody>
</table>

ELECTRICAL DATA—RLMA- SERIES

<table>
<thead>
<tr>
<th>Model No. RLMA-</th>
<th>Compressor Motor</th>
<th>Condenser Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
<td>Volts</td>
</tr>
<tr>
<td>A072CL</td>
<td>2</td>
<td>208/230</td>
</tr>
<tr>
<td>A072CM</td>
<td>2</td>
<td>208/230</td>
</tr>
<tr>
<td>A072DL</td>
<td>2</td>
<td>460</td>
</tr>
<tr>
<td>A072DM</td>
<td>2</td>
<td>460</td>
</tr>
<tr>
<td>A072YL</td>
<td>2</td>
<td>575</td>
</tr>
<tr>
<td>A072YM</td>
<td>2</td>
<td>575</td>
</tr>
</tbody>
</table>

1. Horsepower Per Compressor.
2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.
## UNITS WITH HEATER KITS—RLKA- SERIES

### UNITS WITH HEATER KITS (208-230/3 PHASE)

<table>
<thead>
<tr>
<th>Size</th>
<th>Heater Kit Model No. RXJJ-</th>
<th>Heater kW 208-240/3Ø</th>
<th>Minimum Circuit Ampacity</th>
<th>Max. Fuse or Circuit Breaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>A036C</td>
<td>A06C 4.2/5.6</td>
<td>23/23</td>
<td>35/35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A10C 7.2/9.6</td>
<td>31/34</td>
<td>35/35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A11C 7.2/9.6</td>
<td>31/34</td>
<td>40/40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A12C 8.4/11.2</td>
<td>35/39</td>
<td>40/40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A15C 10.8/14.4</td>
<td>43/49</td>
<td>45/50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A20C 14.4/19.2</td>
<td>56/63</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A21C 14.4/19.2</td>
<td>56/63</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td>A042C</td>
<td>A06C 4.2/5.6</td>
<td>24/24</td>
<td>35/35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A10C 7.2/9.6</td>
<td>31/34</td>
<td>35/35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A11C 7.2/9.6</td>
<td>31/34</td>
<td>40/40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A12C 8.4/11.2</td>
<td>35/39</td>
<td>40/40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A15C 10.8/14.4</td>
<td>43/49</td>
<td>45/50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A20C 14.4/19.2</td>
<td>56/63</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A21C 14.4/19.2</td>
<td>56/63</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td>A048C</td>
<td>A06C 4.2/5.6</td>
<td>24/24</td>
<td>35/35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A10C 7.2/9.6</td>
<td>31/34</td>
<td>35/35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A11C 7.2/9.6</td>
<td>31/34</td>
<td>40/40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A12C 8.4/11.2</td>
<td>35/39</td>
<td>40/40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A15C 10.8/14.4</td>
<td>43/49</td>
<td>45/50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A20C 14.4/19.2</td>
<td>56/63</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A21C 14.4/19.2</td>
<td>56/63</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td>A060C</td>
<td>A06C 4.2/5.6</td>
<td>29/29</td>
<td>45/45</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A10C 7.2/9.6</td>
<td>31/34</td>
<td>45/45</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A11C 7.2/9.6</td>
<td>31/34</td>
<td>45/45</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A12C 8.4/11.2</td>
<td>35/39</td>
<td>45/45</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A15C 10.8/14.4</td>
<td>43/49</td>
<td>45/50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A20C 14.4/19.2</td>
<td>56/63</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A21C 14.4/19.2</td>
<td>56/63</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A24C 18.0/24.0</td>
<td>68/78</td>
<td>70/80</td>
<td></td>
</tr>
<tr>
<td>A073C</td>
<td>A06C 4.2/5.6</td>
<td>37/37</td>
<td>50/50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A10C 7.2/9.6</td>
<td>37/37</td>
<td>50/50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A11C 7.2/9.6</td>
<td>37/37</td>
<td>50/50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A12C 8.4/11.2</td>
<td>37/42</td>
<td>50/50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A15C 10.8/14.4</td>
<td>58/66</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A20C 14.4/19.2</td>
<td>58/66</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A21C 14.4/19.2</td>
<td>71/80</td>
<td>80/80</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A24C 18.0/24.0</td>
<td>71/80</td>
<td>80/80</td>
<td></td>
</tr>
<tr>
<td>A085C</td>
<td>A15C 10.8/14.4</td>
<td>46/51</td>
<td>50/60</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A20C 14.4/19.2</td>
<td>58/66</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*A21C 14.4/19.2</td>
<td>58/66</td>
<td>60/70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A24C 18.0/24.0</td>
<td>71/80</td>
<td>80/80</td>
<td></td>
</tr>
</tbody>
</table>

* = For Canadian use only. Uses “P” fuses for inductive circuit.
### UNITS WITH HEATER KITS—RLKA- SERIES

#### UNITS WITH HEATER KITS (460/3 PHASE)

<table>
<thead>
<tr>
<th>Size</th>
<th>Heater Kit Model No. RXJJ-</th>
<th>Heater kW @ 460V</th>
<th>Minimum Circuit Ampacity</th>
<th>Max. Fuse or Circuit Breaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>A036D</td>
<td>A06D</td>
<td>5.6</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>A10D</td>
<td>9.6</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>*A11D</td>
<td>9.6</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A12D</td>
<td>11.2</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A15D</td>
<td>14.4</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>A20D</td>
<td>19.2</td>
<td>32</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>*A21D</td>
<td>19.2</td>
<td>32</td>
<td>35</td>
</tr>
<tr>
<td>A042D</td>
<td>A06D</td>
<td>5.6</td>
<td>13</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A10D</td>
<td>9.6</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>*A11D</td>
<td>9.6</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A12D</td>
<td>11.2</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A15D</td>
<td>14.4</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>A20D</td>
<td>19.2</td>
<td>32</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>*A21D</td>
<td>19.2</td>
<td>32</td>
<td>35</td>
</tr>
<tr>
<td>A048D</td>
<td>A06D</td>
<td>5.6</td>
<td>13</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A10D</td>
<td>9.6</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>*A11D</td>
<td>9.6</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A12D</td>
<td>11.2</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A15D</td>
<td>14.4</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>A20D</td>
<td>19.2</td>
<td>32</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>*A21D</td>
<td>19.2</td>
<td>32</td>
<td>35</td>
</tr>
<tr>
<td>A060D</td>
<td>A06D</td>
<td>5.6</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A10D</td>
<td>9.6</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>*A11D</td>
<td>9.6</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A12D</td>
<td>11.2</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A15D</td>
<td>14.4</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>A20D</td>
<td>19.2</td>
<td>32</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>*A21D</td>
<td>19.2</td>
<td>32</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>A24D</td>
<td>24.0</td>
<td>39</td>
<td>40</td>
</tr>
<tr>
<td>A073D</td>
<td>A06D</td>
<td>5.6</td>
<td>19</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>A10D</td>
<td>9.6</td>
<td>19</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>*A11D</td>
<td>9.6</td>
<td>19</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>A12D</td>
<td>11.2</td>
<td>21</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>A15D</td>
<td>14.4</td>
<td>26</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>A20D</td>
<td>19.2</td>
<td>33</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>*A21D</td>
<td>19.2</td>
<td>33</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>A24D</td>
<td>24.0</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>A085D</td>
<td>A15D</td>
<td>14.4</td>
<td>26</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>A20D</td>
<td>19.2</td>
<td>33</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>*A21D</td>
<td>19.2</td>
<td>33</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>A24D</td>
<td>24.0</td>
<td>40</td>
<td>40</td>
</tr>
</tbody>
</table>

* = For Canadian use only. Uses “P” fuses for inductive circuit.
## UNITS WITH HEATER KITS—RLKA- SERIES

### UNITS WITH HEATER KITS (575/3 PHASE)

<table>
<thead>
<tr>
<th>Size</th>
<th>Heater Kit Model No. RXJJ-</th>
<th>Heater kW @ 575V</th>
<th>Minimum Circuit Ampacity</th>
<th>Max. Fuse or Circuit Breaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>A036Y</td>
<td>A15Y, A20Y</td>
<td>14.4, 19.2</td>
<td>19, 25</td>
<td>20, 25</td>
</tr>
<tr>
<td>A042Y</td>
<td>A15Y, A20Y</td>
<td>14.4, 19.2</td>
<td>19, 25</td>
<td>20, 25</td>
</tr>
<tr>
<td>A048Y</td>
<td>A15Y, A20Y</td>
<td>14.4, 19.2</td>
<td>19, 25</td>
<td>20, 25</td>
</tr>
<tr>
<td>A073Y</td>
<td>A15Y, A20Y, A24Y</td>
<td>14.4, 19.2, 24.0</td>
<td>21, 26, 32</td>
<td>25, 30, 35</td>
</tr>
<tr>
<td>A085Y</td>
<td>A15Y, A20Y, A24Y</td>
<td>14.4, 19.2, 24.0</td>
<td>20, 26, 32</td>
<td>20, 30, 35</td>
</tr>
</tbody>
</table>
**UNITS WITH HEATER KITS—RLMA- SERIES**

### UNITS WITH HEATER KITS (208-230/3 PHASE)

<table>
<thead>
<tr>
<th>Size</th>
<th>Heater Kit Model No.</th>
<th>Heater kW @ 208-240/3Ø</th>
<th>Minimum Circuit Ampacity</th>
<th>Max. Fuse or Circuit Breaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>A072C</td>
<td>A06C</td>
<td>4.2/5.6</td>
<td>33/33</td>
<td>50/50</td>
</tr>
<tr>
<td></td>
<td>A10C</td>
<td>7.2/9.6</td>
<td>33/37</td>
<td>50/50</td>
</tr>
<tr>
<td></td>
<td>*A11C</td>
<td>7.2/9.6</td>
<td>33/37</td>
<td>50/50</td>
</tr>
<tr>
<td></td>
<td>A12C</td>
<td>8.4/11.2</td>
<td>37/42</td>
<td>50/50</td>
</tr>
<tr>
<td></td>
<td>A15C</td>
<td>10.8/14.4</td>
<td>46/51</td>
<td>50/60</td>
</tr>
<tr>
<td></td>
<td>A20C</td>
<td>14.4/19.2</td>
<td>58/66</td>
<td>60/70</td>
</tr>
<tr>
<td></td>
<td>*A21C</td>
<td>14.4/19.2</td>
<td>58/66</td>
<td>60/70</td>
</tr>
<tr>
<td></td>
<td>A24C</td>
<td>18.0/24.0</td>
<td>71/80</td>
<td>80/80</td>
</tr>
</tbody>
</table>

* = For Canadian use only. Uses "P" fuses for inductive circuit.

### UNITS WITH HEATER KITS (460/3 PHASE)

<table>
<thead>
<tr>
<th>Size</th>
<th>Heater Kit Model No.</th>
<th>Heater kW @ 460V</th>
<th>Minimum Circuit Ampacity</th>
<th>Max. Fuse or Circuit Breaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>A072D</td>
<td>A06D</td>
<td>5.6</td>
<td>18</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A10D</td>
<td>9.6</td>
<td>18</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>*A11D</td>
<td>9.6</td>
<td>18</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>A12D</td>
<td>11.2</td>
<td>21</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>A15D</td>
<td>14.4</td>
<td>26</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>A20D</td>
<td>19.2</td>
<td>33</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>*A21D</td>
<td>19.2</td>
<td>33</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>A24D</td>
<td>24.0</td>
<td>40</td>
<td>40</td>
</tr>
</tbody>
</table>

* = For Canadian use only. Uses "P" fuses for inductive circuit.

### UNITS WITH HEATER KITS (575/3 PHASE)

<table>
<thead>
<tr>
<th>Size</th>
<th>Heater Kit Model No.</th>
<th>Heater kW @ 575V</th>
<th>Minimum Circuit Ampacity</th>
<th>Max. Fuse or Circuit Breaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>A072Y</td>
<td>A15Y</td>
<td>14.4</td>
<td>21</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>A20Y</td>
<td>19.2</td>
<td>26</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>A24Y</td>
<td>24.0</td>
<td>32</td>
<td>35</td>
</tr>
</tbody>
</table>
UNIT DIMENSIONS—RLKA/RLMA- SERIES

UNIT DIMENSIONS
SELF-CONTAINED
AIR CONDITIONERS

3 TO 6 TON [10.6 TO 21.1 kW] MODELS

SUPPLY AND RETURN DIMENSIONS

[ ] Designates Metric Conversions
UNIT DIMENSIONS—RLMA-SERIES

UNIT DIMENSIONS
SELF-CONTAINED
AIR CONDITIONERS

3 TO 6 TON [10.6 TO 21.1 kW] MODELS

[ ] Designates Metric Conversions

BOTTOM VIEW
UNIT DIMENSIONS—RLKA/RLMA- SERIES

UNIT DIMENSIONS
SELF-CONTAINED
AIR CONDITIONERS

6 & 7.5 TON [21.1 & 26.4 kW] MODELS

BOTTOM VIEW

BLOWER ACCESS
COIL/FILTER
ACCESS
CONDENSATE DRAIN
¾" [19 mm] NPT FEMALE

SUPPLY COVER
RETURN COVER

RECOMMENDED
DISCONNECT MOUNTING
LOCATION

BASE ELECTRICAL
ENTRY

[ ] Designates Metric Conversions

UNIT DIMENSIONS—RLKA/RLMA- SERIES

6 & 7.5 TON [21.1 & 26.4 kW] MODELS

BOTTOM VIEW

BLOWER ACCESS
COIL/FILTER
ACCESS
CONDENSATE DRAIN
¾" [19 mm] NPT FEMALE

SUPPLY COVER
RETURN COVER

RECOMMENDED
DISCONNECT MOUNTING
LOCATION

BASE ELECTRICAL
ENTRY

[ ] Designates Metric Conversions
UNIT DIMENSIONS—RLKA/RLMA- SERIES

UNIT DIMENSIONS
SELF-CONTAINED
AIR CONDITIONERS

6 & 7.5 TON [21.1 & 26.4 kW] MODELS

SUPPLY AND RETURN DIMENSIONS

UNIT DIMENSIONS—RLKA/RLMA- SERIES

RUUD

[ ] Designates Metric Conversions

43
WEIGHTS

<table>
<thead>
<tr>
<th>Accessory</th>
<th>3-6 Ton [10.6-21.1 kW]</th>
<th>7.5 Ton [26.4 kW]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Shipping</td>
<td>Operating</td>
</tr>
<tr>
<td></td>
<td>lbs [kg]</td>
<td>lbs [kg]</td>
</tr>
<tr>
<td>Roof Curb 14&quot;</td>
<td>92 [42]</td>
<td>88 [40]</td>
</tr>
</tbody>
</table>

CLEARANCES
(3 to 7.5 Ton [10.6 to 26.4 kW] Models)

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

<table>
<thead>
<tr>
<th>Recommended Clearance in. [mm]</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>48 [1219]</td>
<td>A - Front</td>
</tr>
<tr>
<td>18 [457]</td>
<td>B - Condenser Coil</td>
</tr>
<tr>
<td>*12 [305]</td>
<td>C - Duct Side</td>
</tr>
<tr>
<td>36 [914]</td>
<td>D - Evaporator End</td>
</tr>
<tr>
<td>60 [1524]</td>
<td>E - Above</td>
</tr>
</tbody>
</table>

*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.

CENTER OF GRAVITY (C.G.)

<table>
<thead>
<tr>
<th>Capacity Tons [kW]</th>
<th>A in. [mm]</th>
<th>B in. [mm]</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Capacity Tons [kW]</th>
<th>Corner Weights by Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-6 [10.6-21.1]</td>
<td>A 22%</td>
</tr>
<tr>
<td>6 &amp; 7.5 [21.1 &amp; 26.4]</td>
<td>A 23%</td>
</tr>
</tbody>
</table>

CLEARANCES
3 to 7.5 Ton [10.6 to 26.4 kW] Models

NOTE: Designates Metric Conversions
## ACCESSORY EQUIPMENT

<table>
<thead>
<tr>
<th>Accessory Description</th>
<th>Model Application</th>
<th>Accessory Model No.</th>
<th>Factory Installed</th>
<th>Accessory Model No.</th>
<th>Factory Installed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roofcurb 14&quot;</td>
<td>RLKA-</td>
<td>RXKG-BAD14</td>
<td>No</td>
<td>RXKG-BAD14</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RXKG-BAD24</td>
<td>No</td>
<td>RXKG-BAD24</td>
<td>No</td>
</tr>
<tr>
<td>Roofcurb Adapters</td>
<td>RLKA-</td>
<td>RXRX-BB0B21</td>
<td>No</td>
<td>RXRX-CCCE0</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RXRX-BB0B22</td>
<td>No</td>
<td>RXRX-CCCE0</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RXRX-BB0B23</td>
<td>No</td>
<td>RXRX-CCCE0</td>
<td>No</td>
</tr>
<tr>
<td>Economizer with Single Enthalpy</td>
<td>RLKA-</td>
<td>RXRD-KECM3</td>
<td>Yes</td>
<td>RXRD-KECM3</td>
<td>Yes</td>
</tr>
<tr>
<td>Dual Enthalpy Kit</td>
<td>RLKA-</td>
<td>RXRX-AVDB1</td>
<td>No</td>
<td>RXRX-AVDB1</td>
<td>No</td>
</tr>
<tr>
<td>CO₂ Sensor</td>
<td>RLKA-</td>
<td>RXRX-AP01</td>
<td>No</td>
<td>RXRX-AP01</td>
<td>No</td>
</tr>
<tr>
<td>Power Exhaust</td>
<td>RLKA-</td>
<td>RXRX-BF04D</td>
<td>No</td>
<td>RXRX-BF04D</td>
<td>No</td>
</tr>
<tr>
<td>Fresh Air Damper Manual</td>
<td>RLKA-</td>
<td>RXRF-FBA1</td>
<td>No</td>
<td>RXRF-FBA1</td>
<td>No</td>
</tr>
<tr>
<td>Fresh Air Damper Motorized</td>
<td>RLKA-</td>
<td>RXRF-FBB1</td>
<td>No</td>
<td>RXRF-FBB1</td>
<td>No</td>
</tr>
<tr>
<td>Rectangular to Round 18&quot; Duct Adapters for Concentric Diffuser</td>
<td>RLKA-</td>
<td>RXMC-CH03</td>
<td>No</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Rectangular to Round 20&quot; Duct Adapters for Concentric Diffuser</td>
<td>RLKA-</td>
<td>RXMC-CH04</td>
<td>No</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Concentric Diffuser 18&quot; Step</td>
<td>RLKA-</td>
<td>RXRN-FA06</td>
<td>No</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Concentric Diffuser 18&quot; Flush</td>
<td>RLKA-</td>
<td>RXRN-FA70</td>
<td>No</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Concentric Diffuser 20&quot; Step</td>
<td>RLKA-</td>
<td>RXRN-FA6S</td>
<td>No</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Concentric Diffuser 20&quot; Flush</td>
<td>RLKA-</td>
<td>RXRN-FA75</td>
<td>No</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Rectangular to Round 16&quot; Side</td>
<td>RLKA-</td>
<td>RXMC-BB01</td>
<td>No</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Louver Kit (2 Sides)</td>
<td>RLKA-A038/A042</td>
<td>RXRX-AD01A</td>
<td>Yes</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Louver Kit (3 Sides)</td>
<td>RLKA-A048/A060/A072/A073/A085</td>
<td>RXRX-AD01B</td>
<td>Yes</td>
<td>RXRX-AD01B</td>
<td>Yes</td>
</tr>
<tr>
<td>High Pressure Control</td>
<td>RLKA-</td>
<td>RXAB-A02</td>
<td>Yes</td>
<td>RXAB-A02</td>
<td>Yes</td>
</tr>
<tr>
<td>Low Pressure Control</td>
<td>RLKA-</td>
<td>RXAC-A02</td>
<td>Yes</td>
<td>RXAC-A02</td>
<td>Yes</td>
</tr>
<tr>
<td>Time Delay</td>
<td>RLKA-</td>
<td>RXMD-B01</td>
<td>Yes</td>
<td>RXMD-B01</td>
<td>Yes</td>
</tr>
<tr>
<td>Low Ambient Control to 0°F [-18°C]</td>
<td>RLKA-</td>
<td>RXRZ-A18</td>
<td>Yes</td>
<td>RXRZ-A18</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**NOTES:**
- "Economizer is designed for downflow or horizontal applications.
- Standard on RLKA-A073 and all RLMA models.

\[ \] Designates Metric Conversions

**Voltage**
\[ J = 208-230 \text{VAC-1PH-60HZ} \]
\[ D = 460 \text{VAC-3PH-60HZ} \]
\[ C = 208-230 \text{VAC-3PH-60HZ} \]
\[ Y = 575 \text{VAC-3PH-60HZ} \]
## ACCESSORY EQUIPMENT

<table>
<thead>
<tr>
<th>Accessory Description</th>
<th>Model Application</th>
<th>Accessory Model No. 6 Ton [21.1 kW]</th>
<th>Factory Installed 6 Ton [21.1 kW]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roofcurb 14&quot;</td>
<td>RLMA-</td>
<td>RXKG-BAD14</td>
<td>No</td>
</tr>
<tr>
<td>Roofcurb 24&quot;</td>
<td>RLMA-</td>
<td>RXKG-BAD24</td>
<td>No</td>
</tr>
<tr>
<td>Roofcurb Adapters</td>
<td>RLMA-</td>
<td>RXRX-CCCE50</td>
<td>No</td>
</tr>
<tr>
<td>Economizer with Single Enthalpy ☩</td>
<td>RLMA-</td>
<td>RXRD-KCCM3</td>
<td>Yes</td>
</tr>
<tr>
<td>Dual Enthalpy Kit</td>
<td>RLMA-</td>
<td>RXRX-AV02</td>
<td>No</td>
</tr>
<tr>
<td>CO₂ Sensor</td>
<td>RLMA-</td>
<td>RXRX-AR01</td>
<td>No</td>
</tr>
<tr>
<td>Power Exhaust</td>
<td>RLMA-</td>
<td>RXRX-BFF03C</td>
<td>No</td>
</tr>
<tr>
<td>Fresh Air Damper Manual</td>
<td>RLMA-</td>
<td>RXRF-FCA1</td>
<td>No</td>
</tr>
<tr>
<td>Fresh Air Damper Motorized</td>
<td>RLMA-</td>
<td>RXRF-FCB1</td>
<td>No</td>
</tr>
<tr>
<td>Rectangular to Round 18&quot; Duct Adapters for Concentric Diffuser</td>
<td>RLMA-</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Rectangular to Round 20&quot; Duct Adapters for Concentric Diffuser</td>
<td>RLMA-</td>
<td>RXMC-CC04</td>
<td>No</td>
</tr>
<tr>
<td>Concentric Diffuser 18&quot; Step</td>
<td>RLMA-</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Concentric Diffuser 18&quot; Flush</td>
<td>RLMA-</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Concentric Diffuser 20&quot; Step</td>
<td>RLMA-</td>
<td>RXRN-FA65</td>
<td>No</td>
</tr>
<tr>
<td>Concentric Diffuser 20&quot; Flush</td>
<td>RLMA-</td>
<td>RXRN-FA75</td>
<td>No</td>
</tr>
<tr>
<td>Rectangular to Round 16&quot; Side</td>
<td>RLMA-</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Louver Kit (3 Sides)</td>
<td>All RLMA- Models</td>
<td>RXRX-AAD01B</td>
<td>No</td>
</tr>
<tr>
<td>Time Delay</td>
<td>RLMA-</td>
<td>RXMD-B04</td>
<td>Yes</td>
</tr>
<tr>
<td>Low Ambient Control to 0°F [-18°C]</td>
<td>RLMA-</td>
<td>RXRF-ABC1</td>
<td>No</td>
</tr>
</tbody>
</table>

*Voltage

- J = 208-230 VAC-1PH-60HZ
- D = 460 VAC-3PH-60HZ
- G = 208-230 VAC-3PH-60HZ
- Y = 575 VAC-3PH-60HZ

[ ] Designates Metric Conversions

NOTES: ☩ Economizer is designed for downflow or horizontal applications.
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
- (-)RCF, (-)REF, (-)RGF131 & 201, RGF150

**COMMERCIAL PACKAGE UNIT (6.5 & 7.5 TON [23-26 kW])**
- (-)RCF, (-)REF, (-)RGF131 & 201, RGF150

<table>
<thead>
<tr>
<th>Old Curb Model</th>
<th>Roofcurb Adapter</th>
<th>New Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 SERIES</td>
<td>RXPA-CA21 (1)</td>
<td>RXRX-BBCDB21</td>
</tr>
<tr>
<td>22 SERIES</td>
<td>RXPA-CA22 (1)</td>
<td>RXRX-BBCDB22</td>
</tr>
<tr>
<td>23 SERIES</td>
<td>RXPA-CA23 (1)</td>
<td>RXRX-BBCDB23</td>
</tr>
</tbody>
</table>

[ ] Designates Metric Conversions

**ACCESSORIES—RLKA/RLMA-SERIES**
ROOFCURBS (Full Perimeter)

- Ruud’s new roofcurb design can be utilized on 3 through 7.5 ton [10.6-26.4 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.

<table>
<thead>
<tr>
<th>Roofcurb Model</th>
<th>Height of Curb</th>
</tr>
</thead>
<tbody>
<tr>
<td>RXKG-BAD14</td>
<td>14” [356 mm]</td>
</tr>
<tr>
<td>RXKG-BAD24</td>
<td>24” [610 mm]</td>
</tr>
</tbody>
</table>

[ ] Designates Metric Conversions
ROOFCURBS (Cont.)

[Diagram of ROOFCURBS for RLMA 6 TON [21.1 kW] MODELS and RLKA 7.5 TON [26.4 kW] MODELS]

[ ] Designates Metric Conversions
**ECONOMIZERS**

RXRD-KECM3—RLKA 3-6 Ton [10.6-21.1 kW] Models  
Single Enthalpy with Barometric Relief

RXRD-KCCM3—RLMA 6 Ton [21.1 kW] Models  
RLKA 7.5 Ton [26.4 kW] Models

RXRX-AV02—Dual Enthalpy Kit  
3-7.5 Ton [10.6-26.4 kW] Models

RXRX-AR01—3-7.5 Ton [10.6-26.4 kW] Models  
Optional CO₂ 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
- CO₂ 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

---

**ACCESSORIES**

---

[ ] Designates Metric Conversions
INTEGRAL POWER EXHAUST FOR ECONOMIZER (FIELD INSTALLED ONLY)

RXRX-BFF04C—RLKA 3-6 Ton [10.6-21.1 kW] Models 208-230 V, 1 PH, 60 Hz
RXRX-BFF03C—RLMA 6 Ton [21.1 kW] Models 208-230 V, 1 PH, 60 Hz
RLKA 7.5 Ton [26.4 kW] Models

- For Honeywell Economizer
- Downflow or horizontal applications
- Requires separate 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-ECCM(-), RXRD-EECM(-) ECONOMIZERS

<table>
<thead>
<tr>
<th>Model No.</th>
<th>No. of Fans</th>
<th>Volts</th>
<th>Phase</th>
<th>Watts (ea.)</th>
<th>High Speed</th>
<th>FLA (ea.)</th>
<th>LRA (ea.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RXRX-BFF03C</td>
<td>1</td>
<td>208-230</td>
<td>1</td>
<td>240</td>
<td>2600</td>
<td>1.06</td>
<td>1.9</td>
</tr>
<tr>
<td>RXRX-BFF04C</td>
<td>1</td>
<td>208-230</td>
<td>1</td>
<td>240</td>
<td>2600</td>
<td>1.06</td>
<td>1.9</td>
</tr>
</tbody>
</table>

CFM is at 0” w.c. external static pressure.

FRESH AIR DAMPER

RLKA 3-6 Ton [10.6-21.1 kW] Models
RXRF-FBA1 (Manual)
RXRF-FBB1 (Motorized)

RLMA 6 Ton [21.1 kW] Models
RLKA 7.5 Ton [26.4 kW] Models
RXRF-FCA1 (Manual)
RXRF-FCB1 (Motorized)

[ ] Designates Metric Conversions
DUCT ADAPTERS (RLKA 3 TO 6 TON [10.6 TO 21.1 kW] MODELS)
Rectangular to Round Transitions (Downflow)

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

DUCT ADAPTERS (RLMA 6 TON [21.1 kW] MODELS)
(RLKA 7.5 TON [26.4 kW] MODELS)
Rectangular to Round Transitions (Downflow)

<table>
<thead>
<tr>
<th>Accessory Model No.</th>
<th>Model Application Tons [kW]</th>
<th>Size in. [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>RXMC-CB03</td>
<td>3-6 [10.6-21.1]</td>
<td>18 [457] Round</td>
</tr>
<tr>
<td>RXMC-CB04</td>
<td>3-6 [10.6-21.1]</td>
<td>20 [508] Round</td>
</tr>
</tbody>
</table>

[ ] Designates Metric Conversions
SIDE DISCHARGE CONCENTRIC DIFFUSER
RXRN-FA60 (3 to 6 Ton [10.6 to 21.1 kW] Models)
RXRN-FA65 (3 to 7.5 Ton [10.6 to 26.4 kW] Models)
For Use With Duct Adapter (RXMC)

DIMENSIONAL DATA

<table>
<thead>
<tr>
<th>Model No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>Duct Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>RXRN-FA60</td>
<td>47(\frac{3}{8})&quot; [1210 mm]</td>
<td>23(\frac{3}{8})&quot; [600 mm]</td>
<td>11(\frac{3}{8})&quot; [289 mm]</td>
<td>21(\frac{1}{2})&quot; [546 mm]</td>
<td>45(\frac{1}{2})&quot; [1156 mm]</td>
<td>22(\frac{1}{2})&quot; [572 mm]</td>
<td>11(\frac{1}{2})&quot; [292 mm]</td>
<td>10(\frac{3}{4})&quot; [273 mm]</td>
<td>45(\frac{1}{2})&quot; [1156 mm]</td>
<td>21(\frac{1}{2})&quot; [546 mm]</td>
<td>7(\frac{3}{8})&quot; [181 mm]</td>
<td>18RD</td>
</tr>
<tr>
<td>RXRN-FA65</td>
<td>47(\frac{3}{8})&quot; [1210 mm]</td>
<td>29(\frac{3}{8})&quot; [752 mm]</td>
<td>14(\frac{3}{8})&quot; [365 mm]</td>
<td>27(\frac{1}{2})&quot; [699 mm]</td>
<td>45(\frac{1}{2})&quot; [1156 mm]</td>
<td>22(\frac{1}{2})&quot; [572 mm]</td>
<td>11(\frac{1}{2})&quot; [292 mm]</td>
<td>13(\frac{1}{4})&quot; [349 mm]</td>
<td>45(\frac{1}{2})&quot; [1156 mm]</td>
<td>27(\frac{1}{2})&quot; [699 mm]</td>
<td>8(\frac{1}{8})&quot; [206 mm]</td>
<td>20RD</td>
</tr>
</tbody>
</table>

ENGINEERING DATA

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RXRN-FA60</td>
<td>1000 [472]</td>
<td>.14</td>
<td>10-17</td>
<td>351</td>
<td>351</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>1200 [566]</td>
<td>.17</td>
<td>11-18</td>
<td>421</td>
<td>421</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>1400 [661]</td>
<td>.20</td>
<td>12-19</td>
<td>491</td>
<td>491</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>1600 [755]</td>
<td>.24</td>
<td>12-20</td>
<td>561</td>
<td>561</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>1800 [850]</td>
<td>.30</td>
<td>13-21</td>
<td>632</td>
<td>632</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>2000 [944]</td>
<td>.36</td>
<td>14-23</td>
<td>702</td>
<td>702</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>2200 [1038]</td>
<td>.40</td>
<td>16-25</td>
<td>772</td>
<td>772</td>
<td>20</td>
</tr>
<tr>
<td>RXRN-FA65</td>
<td>2600 [1227]</td>
<td>.17</td>
<td>24-29</td>
<td>669</td>
<td>669</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>2800 [1321]</td>
<td>.20</td>
<td>25-30</td>
<td>720</td>
<td>720</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>3000 [1416]</td>
<td>.25</td>
<td>27-33</td>
<td>772</td>
<td>772</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>3200 [1510]</td>
<td>.31</td>
<td>28-35</td>
<td>823</td>
<td>823</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>3400 [1605]</td>
<td>.37</td>
<td>30-37</td>
<td>874</td>
<td>874</td>
<td>30</td>
</tr>
</tbody>
</table>

[ ] Designates Metric Conversions
FLUSH MOUNT CONCENTRIC DIFFUSER
RXRN-FA70 (3 to 6 Ton [10.6 to 21.1 kW] Models)
RXRN-FA75 (3 to 7.5 Ton [10.6 to 26.4 kW] Models)

For Use With Duct Adapter (RXMC)

![Diffuser Diagram]

**DIMENSIONAL DATA**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>Duct Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>RXRN-FA70</td>
<td>47(\frac{5}{8})[1210 \text{ mm}]</td>
<td>23(\frac{3}{8})[600 \text{ mm}]</td>
<td>13(\frac{1}{2})[343 \text{ mm}]</td>
<td>21[533 \text{ mm}]</td>
<td>45[1143 \text{ mm}]</td>
<td>22(\frac{1}{2})[572 \text{ mm}]</td>
<td>11(\frac{1}{4})[286 \text{ mm}]</td>
<td>10(\frac{1}{2})[267 \text{ mm}]</td>
<td>18RD</td>
</tr>
<tr>
<td>RXRN-FA75</td>
<td>47(\frac{5}{8})[1210 \text{ mm}]</td>
<td>29(\frac{3}{8})[752 \text{ mm}]</td>
<td>16(\frac{3}{8})[422 \text{ mm}]</td>
<td>27[686 \text{ mm}]</td>
<td>45(\frac{1}{2})[1156 \text{ mm}]</td>
<td>22(\frac{1}{2})[572 \text{ mm}]</td>
<td>11(\frac{1}{4})[286 \text{ mm}]</td>
<td>13(\frac{1}{2})[343 \text{ mm}]</td>
<td>20RD</td>
</tr>
</tbody>
</table>

**ENGINEERING DATA**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CFM (L/s)</th>
<th>Static Pressure</th>
<th>Throw Feet</th>
<th>Neck Vel.</th>
<th>Jet Vel.</th>
<th>Noise Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>RXRN-FA70</td>
<td>1000 [472]</td>
<td>.14</td>
<td>15-20</td>
<td>391</td>
<td>694</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>1200 [566]</td>
<td>.17</td>
<td>16-22</td>
<td>469</td>
<td>833</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>1400 [661]</td>
<td>.20</td>
<td>17-24</td>
<td>547</td>
<td>972</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>1600 [755]</td>
<td>.24</td>
<td>18-25</td>
<td>625</td>
<td>1111</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>1800 [850]</td>
<td>.30</td>
<td>20-28</td>
<td>703</td>
<td>1250</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2000 [944]</td>
<td>.36</td>
<td>21-29</td>
<td>781</td>
<td>1389</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>2200 [1038]</td>
<td>.40</td>
<td>22-30</td>
<td>859</td>
<td>1528</td>
<td>40</td>
</tr>
<tr>
<td>RXRN-FA75</td>
<td>2600 [1227]</td>
<td>.17</td>
<td>19-24</td>
<td>663</td>
<td>1294</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>2800 [1321]</td>
<td>.20</td>
<td>20-28</td>
<td>714</td>
<td>1393</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>3000 [1416]</td>
<td>.25</td>
<td>21-29</td>
<td>765</td>
<td>1492</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>3200 [1510]</td>
<td>.31</td>
<td>22-29</td>
<td>816</td>
<td>1592</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>3400 [1605]</td>
<td>.37</td>
<td>22-30</td>
<td>867</td>
<td>1692</td>
<td>40</td>
</tr>
</tbody>
</table>

[ ] Designates Metric Conversions
THERMOSTATS—SELF-CONTAINED AIR CONDITIONERS

RECOMMENDED THERMOSTATS WITH AND W/O ECONOMIZER

<table>
<thead>
<tr>
<th>Single Stage Cool w/o Economizer</th>
<th>Two Stage Cool w/Economizer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maple Chase—Model #0970</td>
<td>Honeywell—Model #T7300-A1005</td>
</tr>
<tr>
<td>Honeywell—Model #T8602C</td>
<td>Honeywell—Model #T874D-1959</td>
</tr>
<tr>
<td>Maple Chase—Model #0960</td>
<td>White Rodgers—Model #1F91-59</td>
</tr>
<tr>
<td>Robertshaw—Model #CM64A-USAJ</td>
<td></td>
</tr>
</tbody>
</table>

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 ARI 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. Two compressors shall be utilized on 7.5 ton [26.4 kW] models.

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.

[ ] Designates Metric Conversions
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: RED-COMMON. BLUE-208V. BLACK-230V. TRANSFORMER FACTORY WIRED FOR 230 VOLTS ON "J" & "C" MODELS. INTERCHANGE BLACK AND 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 250 VOLT MAXIMUM. USE APPROVED WIRING DEVICE IN ENCLOSURE BOX FOR FUSE SIZING AND CLASSIFICATION.

6. WIRES FROM PL2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.

7. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.


WIRING SCHEMATICS—RLKA/RLMA- SERIES
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.
4. Contactor factory wired. Connect field wire to factory supplied pigtail.
5. Low voltage circuit is N.E.C. Class 2 with circuit breaker in control box for fuse sizing and classification. Wires from PL2 (7 & 8) go to the mixed air sensor on the optional economizer.
6. Y2 is used only for the optional economizer.

WIRING INFORMATION

<table>
<thead>
<tr>
<th>LINE VOLTAGE</th>
<th>FACTORY STANDARD</th>
<th>FACTORY OPTION</th>
<th>FIELD INSTALLED</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOW VOLTAGE</td>
<td>FACTORY STANDARD</td>
<td>FACTORY OPTION</td>
<td>FIELD INSTALLED</td>
</tr>
</tbody>
</table>

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 |
| ORANGE |
| BR | BROWN |
| PR | PURPLE |
| BL | BLUE |
| R | RED |
| G | GREEN |
| W | WHITE |
|GY | GRAY |
| Y | YELLOW |

WIRING DIAGRAM

208-230-460-575V
3 PHASE 60 HZ.

200-220V & 380-415V
3 PHASE 50 HZ.

BELT DRIVE

PACKAGE AIR CONDITIONER

90-2397-05-08

WIRING SCHEMATICS—RLKA/RLMA- SERIES
1. Connectors suitable for use with conductors only.
2. Compressor motor thermally protected. All 3 phase models are protected under primary single phase conditions.
3. Control transformer primary leads:
   - 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 ... box for fuse sizing and classification.
9. wires from Pl2 (7 & 8) go to the mixed air sensor on 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
- OR Orange
- BR Brown
- PR Purple
- BL Blue
- R Red
- G Green
- W White
- GY Gray
- Y Yellow
- BC BLOWER MOTOR CONTACTOR
- BR BLOWER RELAY
- CC COMPRESSOR CONTACTOR
- COMP COMPRESSOR
- CT CONTROL TRANSFORMER
- FT FREEZE STAT
- GL... CONTROLLER
- LO OUTDOOR FAN MOTOR
- PL PLUG
- RC RUN CAPACITOR
- TB TERMINAL BLOCK (LOW VOLTAGE)
- TDC TIME DELAY CONTROL
- WN WIRE NUT

WIRING DIAGRAM

- 208-230-460-575V
  - 3 PHASE 60 HZ.
- 200-220V & 380-415V
  - 3 PHASE 50 HZ.
- BELT DRIVE
- DUAL CIRCUIT
Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

**GENERAL TERMS OF LIMITED WARRANTY**

Ruud 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.

Electric Heating Elements for Optional Electric Heating Kits ...................Five (5) Years

For Complete Details of the Limited Warranty, Including Applicable Terms and Conditions, See Your Local Installer or Contact the Manufacturer for a Copy.

Compressor ......................................................Five (5) Years

*Any Other Part .............................................. One (1) Year

*All other parts and components carry a limited warranty of five years, provided they are single-phase products installed in a residential application.

--

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

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