



## Endeavor® Line Achiever® Series iM Air Conditioners



### RA14AY

Cooling Efficiencies up to: 15.2 SEER2 / 12 EER2

Nominal Sizes: 1.5 to 5 Tons [5.28 to 17.6 kW]

Cooling Capacities: 17.1 to 55.5 kBTU [5.0 to 16.3 kW]

Refrigerant Type: R-454B

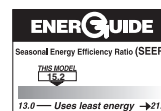


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## Features and Benefits

- **7mm Condenser Copper Coil:** Requires less refrigerant allowing for a smaller and lighter footprint while enhancing reliability
- **Swept Wing Fan Technology<sup>1</sup>:** Features quieter operation and improved unit acoustics
- **PlusOne® Triple Service Access:** 15 in. wide, industry leading corner service access, two fastener, removable corner and individual louver panels — makes repairs easier and faster
- **PlusOne Refrigerant Detection System<sup>TM2</sup>:** An integrated one-box, patented design featuring the A2L sensor and mitigation board, offering easier commissioning with a single component and simplified wiring configuration, compatibility with any 24V thermostat application and system protection by automatically pausing outdoor unit operation — if excess refrigerant is detected

<sup>1</sup>Does not apply to 1.5- and 2-ton models. <sup>2</sup>Factory or field-installed in the furnace coil or air handler and is applicable to the complete heating and cooling system featuring Low GWP Refrigerant (A2L).

# Air Conditioners

| <u>R</u>  | <u>A</u>             | <u>14</u>            | <u>A</u> | <u>Y</u>    | <u>18</u>                                                                                                                                                                       | <u>A</u>                         | <u>J</u>                                                      | <u>1</u>         | <u>N</u>              | <u>A</u>       | <u>LHP<sup>1</sup></u> |
|-----------|----------------------|----------------------|----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------|------------------|-----------------------|----------------|------------------------|
| Brand     | Product Category     | SEER2                | Region   | Refrigerant | Capacity BTU/HR                                                                                                                                                                 | Major Series                     | Voltage                                                       | Type             | Controls              | Minor Series   | Option Code            |
| R - Ruud® | A - Air Conditioners | 14 - 13.8/14.3 SEER2 | A - All  | Y - R-454B  | 18 - 18,000 [5.28 kW]<br>24 - 24,000 [7.03 kW]<br>30 - 30,000 [8.79 kW]<br>36 - 36,000 [10.55 kW]<br>42 - 42,000 [12.31 kW]<br>48 - 48,000 [14.07 kW]<br>60 - 60,000 [17.58 kW] | A - 1st Design<br>B - 2nd Design | J - 1ph, 208/230/60<br>C - 3ph, 208/230/60<br>D - 3ph, 460/60 | 1 - Single Stage | N - Non-Communicating | A - 1st Design | LHP - w/HLPC           |

<sup>1</sup>LHP pressure Switches are standard on 3 phase models.

[ ] Designates Metric Conversions

| AVAILABLE MODELS | DESCRIPTION                                                                                                                      |
|------------------|----------------------------------------------------------------------------------------------------------------------------------|
| RA14AY18AJ1NA    | Endeavor® Line <i>Achiever</i> ® Series 1 1/2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-208/230/1/60                      |
| RA14AY18AJ1NALHP | Endeavor® Line <i>Achiever</i> ® Series 1 1/2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60 |
| RA14AY24AJ1NA    | Endeavor® Line <i>Achiever</i> ® Series 2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-208/230/1/60                          |
| RA14AY24AJ1NALHP | Endeavor® Line <i>Achiever</i> ® Series 2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60     |
| RA14AY24BJ1NA    | Endeavor® Line <i>Achiever</i> ® Series 2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-208/230/1/60                          |
| RA14AY24BJ1NALHP | Endeavor® Line <i>Achiever</i> ® Series 2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60     |
| RA14AY30AJ1NA    | Endeavor® Line <i>Achiever</i> ® Series 2 1/2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-208/230/1/60                      |
| RA14AY30AJ1NALHP | Endeavor® Line <i>Achiever</i> ® Series 2 1/2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60 |
| RA14AY36AJ1NA    | Endeavor® Line <i>Achiever</i> ® Series 3 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-208/230/1/60                          |
| RA14AY36AJ1NALHP | Endeavor® Line <i>Achiever</i> ® Series 3 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60     |
| RA14AY36AC1NA    | Endeavor® Line <i>Achiever</i> ® Series 3 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-460/3/60                              |
| RA14AY36AD1NA    | Endeavor® Line <i>Achiever</i> ® Series 3 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-460/3/60                              |
| RA14AY42AJ1NA    | Endeavor® Line <i>Achiever</i> ® Series 3 1/2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-208/230/1/60                      |
| RA14AY42AJ1NALHP | Endeavor® Line <i>Achiever</i> ® Series 3 1/2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60 |
| RA14AY42AC1NA    | Endeavor® Line <i>Achiever</i> ® Series 3 1/2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-208/230/3/60                      |
| RA14AY42AD1NA    | Endeavor® Line <i>Achiever</i> ® Series 3 1/2 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-460/3/60                          |
| RA14AY48AJ1NA    | Endeavor® Line <i>Achiever</i> ® Series 4 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-208/230/1/60                          |
| RA14AY48AJ1NALHP | Endeavor® Line <i>Achiever</i> ® Series 4 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60     |
| RA14AY48AC1NA    | Endeavor® Line <i>Achiever</i> ® Series 4 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner -208/230/3/60                         |
| RA14AY48AD1NA    | Endeavor® Line <i>Achiever</i> ® Series 4 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-460/3/60                              |
| RA14AY60AJ1NA    | Endeavor® Line <i>Achiever</i> ® Series 5 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-208/230/1/60                          |
| RA14AY60AJ1NALHP | Endeavor® Line <i>Achiever</i> ® Series 5 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60     |
| RA14AY60AC1NA    | Endeavor® Line <i>Achiever</i> ® Series 5 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-208/230/3/60                          |
| RA14AY60AD1NA    | Endeavor® Line <i>Achiever</i> ® Series 5 ton 13.8/14.3 SEER2 Single-Stage Air Conditioner-460/3/60                              |

| STANDARD EQUIPMENT              |                                     |
|---------------------------------|-------------------------------------|
| R-454B Refrigerant              | 2 Screw Control Box Access          |
| Scroll Compressor               | 15" Access to Internal Components   |
| Field Installed Filter Drier    | Quick release louver panel design   |
| Front Seating Service Valves    | No fasteners to remove along bottom |
| Internal Pressure Relief Valve  | Optimized Venturi Airflow           |
| Internal Thermal Overload       | Powder coated paint                 |
| Long Line capability            | Rust resistant screws               |
| Low Ambient capability with Kit | QR code                             |
| 3-4-5 Expanded Valve Space      | External gauge ports                |
| Composite Basepan               | Service trays                       |

## General Data

| MODEL NO.                                     | RA14AY18 | RA14AY24A | RA14AY24B | RA14AY30 | RA14AY36 | RA14AY42 | RA14AY48 | RA14AY60 |
|-----------------------------------------------|----------|-----------|-----------|----------|----------|----------|----------|----------|
| Nominal Tonnage                               | 1.5      | 2.0       | 2.0       | 2.5      | 3.0      | 3.5      | 4.0      | 5.0      |
| Valve Connections                             |          |           |           |          |          |          |          |          |
| Liquid Line O.D. – in.                        | 3/8      | 3/8       | 3/8       | 3/8      | 3/8      | 3/8      | 3/8      | 3/8      |
| Suction Line O.D. – in.                       | 3/4      | 3/4       | 3/4       | 3/4      | 3/4      | 7/8      | 7/8      | 7/8      |
| Refrigerant R-454B furnished oz. <sup>1</sup> | 97       | 112       | 82        | 112      | 116      | 142      | 142      | 192      |
| Compressor Type                               | Scroll   |           |           |          |          |          |          |          |
| Outdoor Coil                                  |          |           |           |          |          |          |          |          |
| Net face area – Outer Coil                    | 10.9     | 13.3      | 13.3      | 13.3     | 13.3     | 19.5     | 19.5     | 27.9     |
| Net face area – Inner Coil                    | —        | —         | —         | —        | 12.9     | 18.8     | 18.8     | 27.1     |
| Tube diameter – in.                           | 0.276    | 0.276     | 0.276     | 0.276    | 0.276    | 0.276    | 0.276    | 0.276    |
| Number of rows                                | 1        | 1         | 1         | 1        | 2        | 2        | 2        | 2        |
| Fins per inch                                 | 24       | 24        | 24        | 24       | 24       | 24       | 24       | 24       |
| Outdoor Fan                                   |          |           |           |          |          |          |          |          |
| Diameter – in.                                | 20       | 24        | 24        | 24       | 24       | 24       | 24       | 26       |
| Number of blades                              | 2        | 3         | 3         | 3        | 2        | 3        | 3        | 3        |
| Motor hp                                      | 1/7      | 1/6       | 1/6       | 1/6      | 1/6      | 1/5      | 1/5      | 1/5      |
| CFM                                           | 1765     | 3146      | 3439      | 3146     | 2760     | 3431     | 3606     | 4169     |
| RPM                                           | 1075     | 825       | 825       | 825      | 825      | 850      | 850      | 850      |
| Watts                                         | 154      | 197       | 197       | 197      | 188      | 225      | 251      | 245      |
| Shipping weight – lbs.                        | 148      | 170       | 170       | 170      | 193      | 259      | 250      | 273      |
| Operating weight – lbs.                       | 141      | 163       | 163       | 163      | 186      | 252      | 243      | 266      |

## Electrical Data

| Line Voltage Data (Volts-Phase-Hz)                 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 |
|----------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Maximum overcurrent protection (amps) <sup>2</sup> | 15           | 25           | 20           | 25           | 30           | 30           | 50           | 50           |
| Minimum circuit ampacity <sup>3</sup>              | 12           | 17           | 14           | 17           | 18           | 20           | 30           | 31           |
| Compressor                                         |              |              |              |              |              |              |              |              |
| Rated load amps                                    | 8.3          | 12.7         | 10           | 12.7         | 13.5         | 14.7         | 22.4         | 23.7         |
| Locked rotor amps                                  | 45           | 67           | 60           | 67           | 75           | 109          | 126          | 157          |
| Condenser Fan Motor                                |              |              |              |              |              |              |              |              |
| Full load amps                                     | 0.75         | 0.8          | 0.8          | 0.8          | 0.8          | 1.0          | 1.0          | 1.0          |
| Locked rotor amps                                  | 1.50         | 1.7          | 1.7          | 1.7          | 1.7          | 2.6          | 2.6          | 2.6          |
| Line Voltage Data (Volts-Phase-Hz)                 | —            | —            | —            | —            | 208/230-3-60 | 208/230-3-60 | 208/230-3-60 | 208/230-3-60 |
| Maximum overcurrent protection (amps) <sup>2</sup> | —            | —            | —            | —            | 20.0         | 25.0         | 25.0         | 35.0         |
| Minimum circuit ampacity <sup>3</sup>              | —            | —            | —            | —            | 14.4         | 20.0         | 18.0         | 22.0         |
| Compressor                                         |              |              |              |              |              |              |              |              |
| Rated load amps                                    | —            | —            | —            | —            | 9.0          | 12.2         | 12.0         | 16.0         |
| Locked rotor amps                                  | —            | —            | —            | —            | 70.0         | 102.8        | 123.0        | 156.4        |
| Condenser Fan Motor                                |              |              |              |              |              |              |              |              |
| Full load amps                                     | —            | —            | —            | —            | 0.8          | 1.0          | 1.0          | 1.0          |
| Locked rotor amps                                  | —            | —            | —            | —            | 1.7          | 2.6          | 2.6          | 2.6          |
| Line Voltage Data (Volts-Phase-Hz)                 | —            | —            | —            | —            | 460-3-60     | 460-3-60     | 460-3-60     | 460-3-60     |
| Maximum overcurrent protection (amps) <sup>2</sup> | —            | —            | —            | —            | 20.0         | 15.0         | 15.0         | 15.0         |
| Minimum circuit ampacity <sup>3</sup>              | —            | —            | —            | —            | 12.0         | 9.0          | 9.0          | 10.0         |
| Compressor                                         |              |              |              |              |              |              |              |              |
| Rated load amps                                    | —            | —            | —            | —            | 9.0          | 5.8          | 6.3          | 7.1          |
| Locked rotor amps                                  | —            | —            | —            | —            | 70.0         | 50.0         | 60.0         | 69.0         |
| Condenser Fan Motor                                |              |              |              |              |              |              |              |              |
| Full load amps                                     | —            | —            | —            | —            | 0.50         | 0.80         | 0.80         | 0.80         |
| Locked rotor amps                                  | —            | —            | —            | —            | 0.90         | 1.40         | 1.40         | 1.40         |

<sup>1</sup>Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.

<sup>2</sup>HACR type circuit breaker or fuse.

<sup>3</sup>Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.

Accessories

| MODEL NO.                                                    |                | RA14AY18       | RA14AY24       | RA14AY30       | RA14AY36                                           | RA14AY42                                                                     | RA14AY48                                           | RA14AY60                                                                     |
|--------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------|
| Compressor crankcase heater (with temperature thermostat)    |                | 44-101884-08   | 44-101884-08   | 44-101884-08   | 208/230V:<br>44-101884-08<br>460V:<br>44-101884-09 | 208/230V:<br>44-103663-16 <sup>1</sup><br>460V:<br>44-101884-06 <sup>1</sup> | 208/230V:<br>44-103663-16<br>460V:<br>44-101884-06 | 208/230V:<br>44-103663-16 <sup>2</sup><br>460V:<br>44-101884-06 <sup>2</sup> |
| Compressor crankcase heater (without temperature thermostat) |                | 44-17402-44    | 44-17402-44    | 44-17402-44    | 208/230V:<br>44-17402-44<br>460V:<br>442040        | 208/230V:<br>44-17402-45<br>460V:<br>44-17402-46                             | 208/230V:<br>44-17402-45<br>460V:<br>44-17402-46   | 208/230V:<br>44-17402-45<br>460V:<br>44-17402-46                             |
| Low ambient control                                          |                | RXAD-A08       | RXAD-A08       | RXAD-A08       | RXAD-A08                                           | RXAD-A08                                                                     | RXAD-A08                                           | RXAD-A08                                                                     |
| Compressor sound cover                                       |                | 68-23427-26    | 68-23427-26    | 68-23427-26    | 68-23427-26                                        | 68-23427-25                                                                  | 68-23427-25                                        | 68-23427-25                                                                  |
| Compressor hard start kit                                    |                | SK-A1          | SK-A1          | SK-A1          | SK-A1                                              | SK-A1                                                                        | SK-A1                                              | SK-A1                                                                        |
| Compressor time delay                                        |                | RXMD-B01       | RXMD-B02       | RXMD-B03       | RXMD-B04                                           | RXMD-B01                                                                     | RXMD-B01                                           | RXMD-B01                                                                     |
| Low pressure control                                         |                | RXAC-A07       | RXAC-A07       | RXAC-A07       | RXAC-A07                                           | RXAC-A07                                                                     | RXAC-A07                                           | RXAC-A07                                                                     |
| High pressure control                                        |                | RXAB-A07       | RXAB-A07       | RXAB-A07       | RXAB-A07                                           | RXAB-A07                                                                     | RXAB-A07                                           | RXAB-A07                                                                     |
| Liquid Line Solenoid (24 VAC, 50/60 Hz)                      | Solenoid Valve | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD2T3TVLC                                       | 200RD2T3TVLC                                                                 | 200RD2T3TVLC                                       | 200RD2T3TVLC                                                                 |
|                                                              | Solenoid Coil  | 61-AMG24V      | 61-AMG24V      | 61-AMG24V      | 61-AMG24V                                          | 61-AMG24V                                                                    | 61-AMG24V                                          | 61-AMG24V                                                                    |
| Liquid Line Solenoid (120/240 VAC, 50/60 Hz)                 | Solenoid Valve | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD2T3TVLC                                       | 200RD2T3TVLC                                                                 | 200RD2T3TVLC                                       | 200RD2T3TVLC                                                                 |
|                                                              | Solenoid Coil  | 61-AMG120/240V | 61-AMG120/240V | 61-AMG120/240V | 61-AMG120/240V                                     | 61-AMG120/240V                                                               | 61-AMG120/240V                                     | 61-AMG120/240V                                                               |

<sup>1</sup>RA14AY42 models with LG come with 44-101884-08 factory-installed. <sup>2</sup>RA14AY60 models come with 44-103663-16 factory-installed.

Maximum System Charge Values

| MAXIMUM SYSTEM CHARGE VALUES |                                |                   |
|------------------------------|--------------------------------|-------------------|
| MODEL NO.                    | CHARGE LIMIT WITHOUT CRANKCASE |                   |
|                              | COPELAND                       | LG                |
| RA14AY18                     | 9.6 lbs [4.4kg]                | 8.4 lbs [3.8 kg]  |
| RA14AY24                     |                                |                   |
| RA14AY30                     |                                |                   |
| RA14AY36                     |                                |                   |
| RA14AY42 <sup>1</sup>        | 12 lbs [5.4kg]                 | 11.9 lbs [5.4 kg] |
| RA14AY48                     |                                |                   |
| RA14AY60 <sup>1</sup>        |                                |                   |

<sup>1</sup>RA14AY42 models with LG compressors and RA14AY60 ton models have factory-installed crankcase heaters.

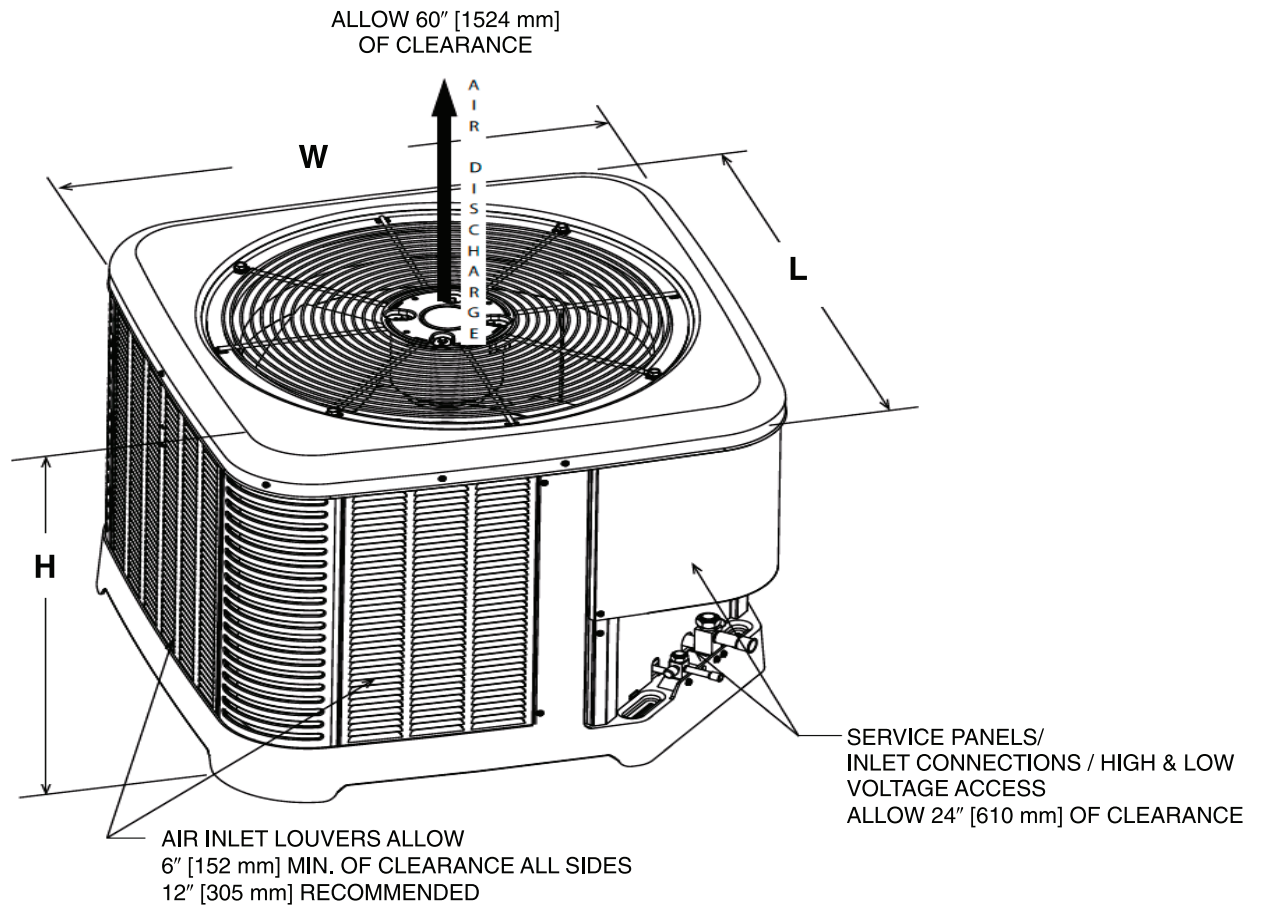
Weighted Sound Power Level (dBA)

| UNIT SIZE–<br>VOLTAGE, SERIES | STANDARD<br>RATING (dBA) | TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment) |     |     |      |      |      |      |
|-------------------------------|--------------------------|------------------------------------------------------------|-----|-----|------|------|------|------|
|                               |                          | 125                                                        | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| RA14AY18                      | 70                       | 47                                                         | 55  | 61  | 60   | 58   | 53   | 47   |
| RA14AY24                      | 71                       | 47                                                         | 62  | 63  | 59   | 57   | 56   | 47   |
| RA14AY30                      | 71                       | 47                                                         | 62  | 63  | 59   | 57   | 56   | 47   |
| RA14AY36                      | 71                       | 46                                                         | 58  | 64  | 59   | 57   | 52   | 48   |
| RA14AY42                      | 73                       | 47                                                         | 55  | 64  | 62   | 59   | 55   | 48   |
| RA14AY48                      | 74                       | 45                                                         | 56  | 64  | 63   | 61   | 57   | 51   |
| RA14AY60                      | 76                       | 43                                                         | 60  | 67  | 66   | 63   | 59   | 53   |

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)

Unit Dimensions

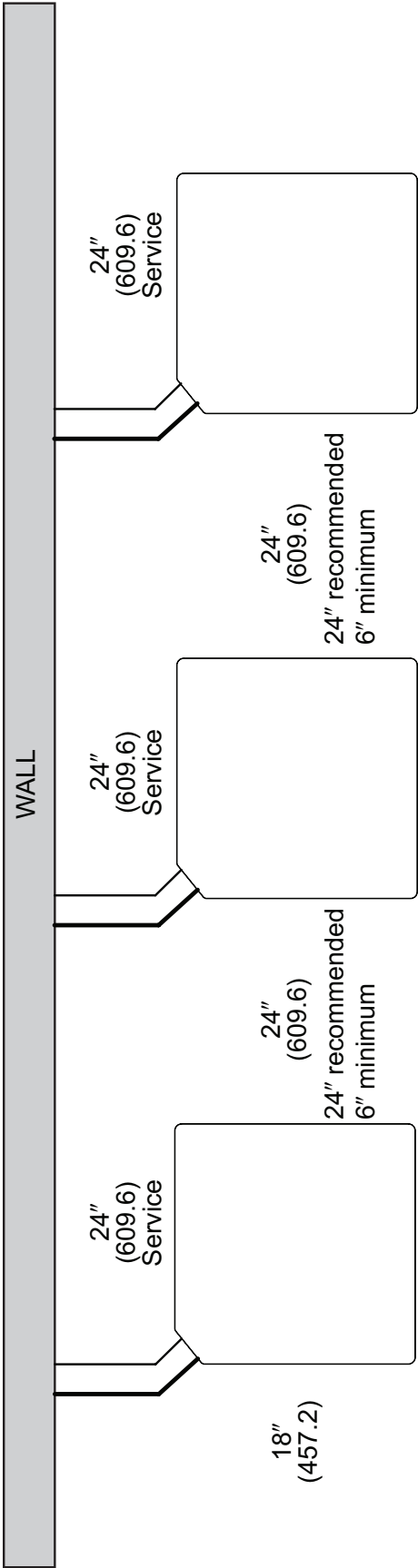
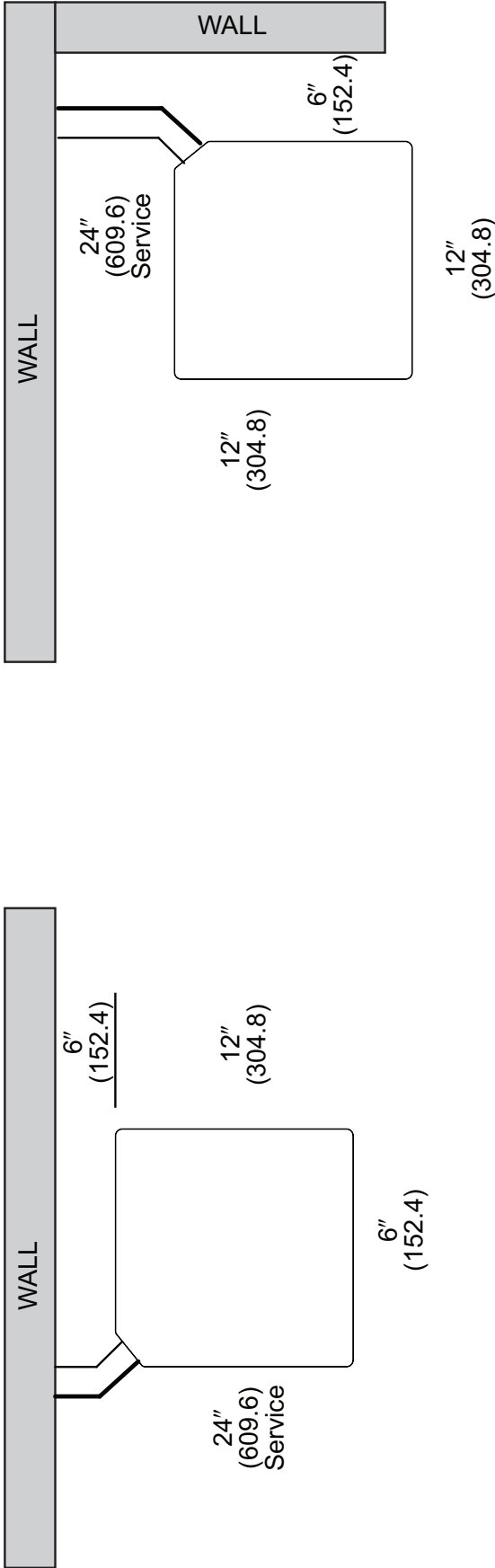
| MODEL NO. | OPERATING  |      |            |     |           |     | SHIPPING   |      |            |     |           |     |
|-----------|------------|------|------------|-----|-----------|-----|------------|------|------------|-----|-----------|-----|
|           | H (Height) |      | L (Length) |     | W (Width) |     | H (Height) |      | L (Length) |     | W (Width) |     |
|           | INCHES     | mm   | INCHES     | mm  | INCHES    | mm  | INCHES     | mm   | INCHES     | mm  | INCHES    | mm  |
| RA14AY18  | 25.00      | 635  | 29.75      | 756 | 29.75     | 756 | 26.50      | 673  | 32.38      | 822 | 32.38     | 822 |
| RA14AY24  | 25.00      | 635  | 33.75      | 857 | 33.75     | 857 | 26.50      | 673  | 36.38      | 924 | 36.38     | 924 |
| RA14AY30  | 25.00      | 635  | 33.75      | 857 | 33.75     | 857 | 26.50      | 673  | 36.38      | 924 | 36.38     | 924 |
| RA14AY36  | 25.00      | 635  | 33.75      | 857 | 33.75     | 857 | 26.50      | 673  | 36.38      | 924 | 36.38     | 924 |
| RA14AY42  | 35.00      | 889  | 33.75      | 857 | 33.75     | 857 | 36.50      | 927  | 36.38      | 924 | 36.38     | 924 |
| RA14AY48  | 35.00      | 889  | 33.75      | 857 | 33.75     | 857 | 36.50      | 927  | 36.38      | 924 | 36.38     | 924 |
| RA14AY60  | 45.00      | 1143 | 35.75      | 908 | 35.75     | 908 | 46.50      | 1181 | 38.38      | 975 | 38.38     | 975 |



[ ] Designates Metric Conversions

ST-A1226-02-00

CLEARANCES



NOTE: NUMBERS IN ( ) = mm

IMPORTANT: When installing multiple units in an alcove, roof well or partially enclosed area, ensure there is adequate ventilation to prevent re-circulation of discharge air.



## Refrigerant Line Size Information

| 14.3 SEER2 AC R-454B |                            |                             |                                                                               |         |         |          |          |          |          |          |          |          |
|----------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------|---------|---------|----------|----------|----------|----------|----------|----------|----------|
| UNIT SIZE            | ALLOWABLE LIQUID LINE SIZE | ALLOWABLE SUCTION LINE SIZE | EQUIVALENT LENGTH (FEET)                                                      |         |         |          |          |          |          |          |          |          |
|                      |                            |                             | 0-25                                                                          | 26-50   | 51-75   | 76-100   | 101-125  | 126-150  | 151-175  | 176-200  | 201-225  | 226-250  |
|                      |                            |                             | MAXIMUM VERTICAL RISE (OUTDOOR UNIT BELOW INDOOR UNIT) */ CAPACITY MULTIPLIER |         |         |          |          |          |          |          |          |          |
| 1.5 Ton              | 1/4"                       | 5/8"                        | 25/1                                                                          | 50/0.99 | 61/0.99 | 41/0.98  | 21/0.98  | 1/0.98   | 0/0.98   | 0/0.98   | 0/0.97   | 0/0.97   |
|                      | 5/16                       | 5/8"                        | 25/1                                                                          | 50/0.99 | 75/0.99 | 100/0.98 | 98/0.98  | 93/0.98  | 87/0.98  | 82/0.98  | 78/0.97  | 75/0.97  |
|                      | 3/8"                       | 5/8"                        | 25/1                                                                          | 50/0.99 | 75/0.99 | 100/0.98 | 117/0.98 | 115/0.98 | 114/0.98 | 112/0.98 | 111/0.97 | 110/0.97 |
|                      | 1/4"                       | 3/4"                        | 25/1                                                                          | 50/1    | 61/1    | 41/0.99  | 21/0.99  | 1/0.99   | 0/0.99   | 0/0.99   | 0/0.99   | 0/0.98   |
|                      | 5/16                       | 3/4"                        | 25/1                                                                          | 50/1    | 75/1    | 100/0.99 | 98/0.99  | 93/0.99  | 87/0.99  | 82/0.99  | 78/0.99  | 75/0.98  |
|                      | 3/8"                       | 3/4"                        | 25/1                                                                          | 50/1    | 75/1    | 100/0.99 | 117/0.99 | 115/0.99 | 114/0.99 | 112/0.99 | 111/0.99 | 110/0.98 |
| 2 Ton                | 1/4"                       | 5/8"                        | 25/1                                                                          | 50/0.99 | 25/0.98 | 0/0.98   | 0/0.98   | 0/0.97   | 0/0.96   | 0/0.97   | 0/0.96   | 0/0.95   |
|                      | 5/16                       | 5/8"                        | 25/1                                                                          | 50/0.99 | 75/0.98 | 88/0.98  | 79/0.98  | 70/0.97  | 62/0.96  | 53/0.97  | 46/0.96  | 40/0.95  |
|                      | 3/8"                       | 5/8"                        | 25/1                                                                          | 50/0.99 | 75/0.98 | 100/0.98 | 109/0.98 | 106/0.97 | 103/0.96 | 100/0.97 | 97/0.96  | 94/0.95  |
|                      | 1/4"                       | 3/4"                        | 25/1                                                                          | 50/1    | 25/0.99 | 0/0.99   | 0/0.99   | 0/0.98   | 0/0.98   | 0/0.99   | 0/0.99   | 0/0.98   |
|                      | 5/16                       | 3/4"                        | 25/1                                                                          | 50/1    | 75/0.99 | 88/0.99  | 79/0.99  | 70/0.98  | 62/0.98  | 53/0.99  | 46/0.99  | 40/0.98  |
|                      | 3/8"                       | 3/4"                        | 25/1                                                                          | 50/1    | 75/0.99 | 100/0.99 | 109/0.99 | 106/0.98 | 103/0.98 | 100/0.99 | 97/0.99  | 94/0.98  |
| 2.5 Ton              | 5/16                       | 5/8"                        | 25/0.99                                                                       | 50/0.98 | 75/0.98 | 69/0.97  | 56/0.98  | 43/0.96  | 30/0.94  | 17/0.93  | 6/0.92   | 0/0.93   |
|                      | 3/8"                       | 5/8"                        | 25/0.99                                                                       | 50/0.98 | 75/0.98 | 100/0.97 | 101/0.98 | 96/0.96  | 92/0.94  | 87/0.93  | 83/0.92  | 78/0.93  |
|                      | 5/16                       | 3/4"                        | 25/1                                                                          | 50/0.99 | 75/0.99 | 69/0.98  | 56/0.98  | 43/0.99  | 30/0.98  | 17/0.98  | 6/0.97   | 0/0.97   |
|                      | 3/8"                       | 3/4"                        | 25/1                                                                          | 50/0.99 | 75/0.99 | 100/0.98 | 101/0.98 | 96/0.99  | 92/0.98  | 87/0.98  | 83/0.97  | 78/0.97  |
| 3 Ton                | 5/16                       | 5/8"                        | 25/0.99                                                                       | 50/0.98 | 65/0.97 | 47/0.97  | 28/0.94  | 11/0.93  | 0/0.92   | 0/0.91   | 0/0.9    | 0/0.9    |
|                      | 3/8"                       | 5/8"                        | 25/0.99                                                                       | 50/0.98 | 75/0.97 | 97/0.97  | 91/0.94  | 85/0.93  | 78/0.92  | 72/0.91  | 66/0.9   | 60/0.9   |
|                      | 5/16                       | 3/4"                        | 25/1                                                                          | 50/0.99 | 65/0.98 | 47/0.99  | 28/0.98  | 11/0.98  | 0/0.97   | 0/0.96   | 0/0.96   | 0/0.98   |
|                      | 3/8"                       | 3/4"                        | 25/1                                                                          | 50/0.99 | 75/0.98 | 97/0.99  | 91/0.98  | 85/0.98  | 78/0.97  | 72/0.96  | 66/0.96  | 60/0.98  |
|                      | 1/2"                       | 3/4"                        | 25/1                                                                          | 50/0.99 | 75/0.98 | 100/0.99 | 118/0.98 | 117/0.98 | 115/0.97 | 115/0.96 | 114/0.96 | 112/0.98 |
|                      | 5/16                       | 7/8"                        | 25/1                                                                          | 50/1    | 65/0.99 | 47/0.99  | 28/0.99  | 11/0.98  | 0/0.98   | 0/0.99   | 0/0.99   | 0/0.99   |
|                      | 3/8"                       | 7/8"                        | 25/1                                                                          | 50/1    | 75/0.99 | 97/0.99  | 91/0.99  | 85/0.98  | 78/0.98  | 72/0.99  | 66/0.99  | 60/0.99  |
|                      | 1/2"                       | 7/8"                        | 25/1                                                                          | 50/1    | 75/0.99 | 100/0.99 | 118/0.99 | 117/0.98 | 115/0.98 | 115/0.99 | 114/0.99 | 112/0.99 |
| 3.5 Ton              | 3/8"                       | 3/4"                        | 25/0.99                                                                       | 50/0.99 | 75/0.99 | 88/0.98  | 80/0.97  | 72/0.96  | 64/0.98  | 55/0.96  | 47/0.95  | 39/0.95  |
|                      | 1/2"                       | 3/4"                        | 25/0.99                                                                       | 50/0.99 | 75/0.99 | 100/0.98 | 116/0.97 | 114/0.96 | 112/0.98 | 111/0.96 | 109/0.95 | 108/0.95 |
|                      | 3/8"                       | 7/8"                        | 25/1                                                                          | 50/0.99 | 75/0.99 | 88/0.99  | 80/0.98  | 72/0.99  | 64/0.99  | 55/0.98  | 47/0.98  | 39/0.98  |
|                      | 1/2"                       | 7/8"                        | 25/1                                                                          | 50/0.99 | 75/0.99 | 100/0.99 | 116/0.98 | 114/0.99 | 112/0.99 | 111/0.98 | 109/0.98 | 108/0.98 |
| 4 Ton                | 3/8"                       | 3/4"                        | 25/0.99                                                                       | 50/0.98 | 75/0.98 | 78/0.97  | 68/0.96  | 57/0.97  | 46/0.95  | 36/0.94  | 25/0.93  | 15/0.93  |
|                      | 1/2"                       | 3/4"                        | 25/0.99                                                                       | 50/0.98 | 75/0.98 | 100/0.97 | 113/0.96 | 111/0.97 | 109/0.95 | 107/0.94 | 105/0.93 | 104/0.93 |
|                      | 3/8"                       | 7/8"                        | 25/1                                                                          | 50/0.99 | 75/0.99 | 78/0.98  | 68/0.99  | 57/0.98  | 46/0.98  | 36/0.98  | 25/0.97  | 15/0.97  |
|                      | 1/2"                       | 7/8"                        | 25/1                                                                          | 50/0.99 | 75/0.99 | 100/0.98 | 113/0.99 | 111/0.98 | 109/0.98 | 107/0.98 | 105/0.97 | 104/0.97 |
| 5 Ton                | 3/8"                       | 3/4"                        | 25/0.99                                                                       | 50/0.98 | 70/0.97 | 54/0.97  | 38/0.94  | 22/0.93  | 6/0.92   | 0/0.9    | 0/0.89   | 0/0.89   |
|                      | 1/2"                       | 3/4"                        | 25/0.99                                                                       | 50/0.98 | 75/0.97 | 100/0.97 | 107/0.94 | 104/0.93 | 101/0.92 | 97/0.9   | 95/0.89  | 93/0.89  |
|                      | 3/8"                       | 7/8"                        | 25/0.99                                                                       | 50/0.99 | 70/0.98 | 54/0.98  | 38/0.98  | 22/0.97  | 6/0.96   | 0/0.98   | 0/0.97   | 0/0.96   |
|                      | 1/2"                       | 7/8"                        | 25/0.99                                                                       | 50/0.99 | 75/0.98 | 100/0.98 | 107/0.98 | 104/0.97 | 101/0.96 | 97/0.98  | 95/0.97  | 93/0.96  |
|                      | 3/8"                       | 1-1/8"                      | 25/1                                                                          | 50/1    | 70/1    | 54/0.99  | 38/0.99  | 22/0.99  | 6/0.99   | 0/0.99   | 0/0.99   | 0/0.98   |
|                      | 1/2"                       | 1-1/8"                      | 25/1                                                                          | 50/1    | 75/1    | 100/0.99 | 107/0.99 | 104/0.99 | 101/0.99 | 97/0.99  | 95/0.99  | 93/0.98  |

## NOTES:

- 1) Maximum Equivalent Line Length may not exceed 250'.
- 2) Maximum Actual Line Length may not exceed 200'.
- 3) Light Grey shaded areas are considered long line and may require accessories as recommended in Long Line Set Guide.
- 4) DO NOT use suction line traps in the suction riser as this adds additional unwanted pressure drop in the system.

## Refrigerant Line Size Information

| 14.3 SEER2 AC R-454B |                            |                             |                                                                               |          |           |           |           |           |         |         |           |           |
|----------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------|----------|-----------|-----------|-----------|-----------|---------|---------|-----------|-----------|
| UNIT SIZE            | ALLOWABLE LIQUID LINE SIZE | ALLOWABLE SUCTION LINE SIZE | EQUIVALENT LENGTH (METERS)                                                    |          |           |           |           |           |         |         |           |           |
|                      |                            |                             | 0-7.6                                                                         | 7.9-15.2 | 15.5-22.9 | 23.2-30.5 | 30.8-38.1 | 38.4-45.7 | 46-53.3 | 53.6-61 | 61.3-68.6 | 68.9-76.2 |
|                      |                            |                             | MAXIMUM VERTICAL RISE (OUTDOOR UNIT BELOW INDOOR UNIT) */ CAPACITY MULTIPLIER |          |           |           |           |           |         |         |           |           |
| 1.5 Ton              | 1/4"                       | 5/8"                        | 8/1                                                                           | 15/0.99  | 19/0.99   | 12/0.98   | 6/0.98    | 0/0.98    | 0/0.98  | 0/0.98  | 0/0.97    | 0/0.97    |
|                      | 5/16                       | 5/8"                        | 8/1                                                                           | 15/0.99  | 23/0.99   | 30/0.98   | 30/0.98   | 28/0.98   | 27/0.98 | 25/0.98 | 24/0.97   | 23/0.97   |
|                      | 3/8"                       | 5/8"                        | 8/1                                                                           | 15/0.99  | 23/0.99   | 30/0.98   | 36/0.98   | 35/0.98   | 35/0.98 | 34/0.98 | 34/0.97   | 34/0.97   |
|                      | 1/4"                       | 3/4"                        | 8/1                                                                           | 15/1     | 19/1      | 12/0.99   | 6/0.99    | 0/0.99    | 0/0.99  | 0/0.99  | 0/0.99    | 0/0.98    |
|                      | 5/16                       | 3/4"                        | 8/1                                                                           | 15/1     | 23/1      | 30/0.99   | 30/0.99   | 28/0.99   | 27/0.99 | 25/0.99 | 24/0.99   | 23/0.98   |
|                      | 3/8"                       | 3/4"                        | 8/1                                                                           | 15/1     | 23/1      | 30/0.99   | 36/0.99   | 35/0.99   | 35/0.99 | 34/0.99 | 34/0.99   | 34/0.98   |
| 2 Ton                | 1/4"                       | 5/8"                        | 8/1                                                                           | 15/0.99  | 8/0.98    | 0/0.98    | 0/0.98    | 0/0.97    | 0/0.96  | 0/0.97  | 0/0.96    | 0/0.95    |
|                      | 5/16                       | 5/8"                        | 8/1                                                                           | 15/0.99  | 23/0.98   | 27/0.98   | 24/0.98   | 21/0.97   | 19/0.96 | 16/0.97 | 14/0.96   | 12/0.95   |
|                      | 3/8"                       | 5/8"                        | 8/1                                                                           | 15/0.99  | 23/0.98   | 30/0.98   | 33/0.98   | 32/0.97   | 31/0.96 | 30/0.97 | 30/0.96   | 29/0.95   |
|                      | 1/4"                       | 3/4"                        | 8/1                                                                           | 15/1     | 8/0.99    | 0/0.99    | 0/0.99    | 0/0.98    | 0/0.98  | 0/0.99  | 0/0.99    | 0/0.98    |
|                      | 5/16                       | 3/4"                        | 8/1                                                                           | 15/1     | 23/0.99   | 27/0.99   | 24/0.99   | 21/0.98   | 19/0.98 | 16/0.99 | 14/0.99   | 12/0.98   |
|                      | 3/8"                       | 3/4"                        | 8/1                                                                           | 15/1     | 23/0.99   | 30/0.99   | 33/0.99   | 32/0.98   | 31/0.98 | 30/0.99 | 30/0.99   | 29/0.98   |
| 2.5 Ton              | 5/16                       | 5/8"                        | 8/0.99                                                                        | 15/0.98  | 23/0.98   | 21/0.97   | 17/0.98   | 13/0.96   | 9/0.94  | 5/0.93  | 2/0.92    | 0/0.93    |
|                      | 3/8"                       | 5/8"                        | 8/0.99                                                                        | 15/0.98  | 23/0.98   | 30/0.97   | 31/0.98   | 29/0.96   | 28/0.94 | 27/0.93 | 25/0.92   | 24/0.93   |
|                      | 5/16                       | 3/4"                        | 8/1                                                                           | 15/0.99  | 23/0.99   | 21/0.98   | 17/0.98   | 13/0.99   | 9/0.98  | 5/0.98  | 2/0.97    | 0/0.97    |
|                      | 3/8"                       | 3/4"                        | 8/1                                                                           | 15/0.99  | 23/0.99   | 30/0.98   | 31/0.98   | 29/0.99   | 28/0.98 | 27/0.98 | 25/0.97   | 24/0.97   |
| 3 Ton                | 5/16                       | 5/8"                        | 8/0.99                                                                        | 15/0.98  | 20/0.97   | 14/0.97   | 9/0.94    | 3/0.93    | 0/0.92  | 0/0.91  | 0/0.9     | 0/0.9     |
|                      | 3/8"                       | 5/8"                        | 8/0.99                                                                        | 15/0.98  | 23/0.97   | 30/0.97   | 28/0.94   | 26/0.93   | 24/0.92 | 22/0.91 | 20/0.9    | 18/0.9    |
|                      | 5/16                       | 3/4"                        | 8/1                                                                           | 15/0.99  | 20/0.98   | 14/0.99   | 9/0.98    | 3/0.98    | 0/0.97  | 0/0.96  | 0/0.96    | 0/0.98    |
|                      | 3/8"                       | 3/4"                        | 8/1                                                                           | 15/0.99  | 23/0.98   | 30/0.99   | 28/0.98   | 26/0.98   | 24/0.97 | 22/0.96 | 20/0.96   | 18/0.98   |
|                      | 1/2"                       | 3/4"                        | 8/1                                                                           | 15/0.99  | 23/0.98   | 30/0.99   | 36/0.98   | 36/0.98   | 35/0.97 | 35/0.96 | 35/0.96   | 34/0.98   |
|                      | 5/16                       | 7/8"                        | 8/1                                                                           | 15/1     | 20/0.99   | 14/0.99   | 9/0.99    | 3/0.98    | 0/0.98  | 0/0.99  | 0/0.99    | 0/0.99    |
|                      | 3/8"                       | 7/8"                        | 8/1                                                                           | 15/1     | 23/0.99   | 30/0.99   | 28/0.99   | 26/0.98   | 24/0.98 | 22/0.99 | 20/0.99   | 18/0.99   |
|                      | 1/2"                       | 7/8"                        | 8/1                                                                           | 15/1     | 23/0.99   | 30/0.99   | 36/0.99   | 36/0.98   | 35/0.98 | 35/0.99 | 35/0.99   | 34/0.99   |
| 3.5 Ton              | 3/8"                       | 3/4"                        | 8/0.99                                                                        | 15/0.99  | 23/0.99   | 27/0.98   | 24/0.97   | 22/0.96   | 20/0.98 | 17/0.96 | 14/0.95   | 12/0.95   |
|                      | 1/2"                       | 3/4"                        | 8/0.99                                                                        | 15/0.99  | 23/0.99   | 30/0.98   | 35/0.97   | 35/0.96   | 34/0.98 | 34/0.96 | 33/0.95   | 33/0.95   |
|                      | 3/8"                       | 7/8"                        | 8/1                                                                           | 15/0.99  | 23/0.99   | 27/0.99   | 24/0.98   | 22/0.99   | 20/0.99 | 17/0.98 | 14/0.98   | 12/0.98   |
|                      | 1/2"                       | 7/8"                        | 8/1                                                                           | 15/0.99  | 23/0.99   | 30/0.99   | 35/0.98   | 35/0.99   | 34/0.99 | 34/0.98 | 33/0.98   | 33/0.98   |
| 4 Ton                | 3/8"                       | 3/4"                        | 8/0.99                                                                        | 15/0.98  | 23/0.98   | 24/0.97   | 21/0.96   | 17/0.97   | 14/0.95 | 11/0.94 | 8/0.93    | 5/0.93    |
|                      | 1/2"                       | 3/4"                        | 8/0.99                                                                        | 15/0.98  | 23/0.98   | 30/0.97   | 34/0.96   | 34/0.97   | 33/0.95 | 33/0.94 | 32/0.93   | 32/0.93   |
|                      | 3/8"                       | 7/8"                        | 8/1                                                                           | 15/0.99  | 23/0.99   | 24/0.98   | 21/0.99   | 17/0.98   | 14/0.98 | 11/0.98 | 8/0.97    | 5/0.97    |
|                      | 1/2"                       | 7/8"                        | 8/1                                                                           | 15/0.99  | 23/0.99   | 30/0.98   | 34/0.99   | 34/0.98   | 33/0.98 | 33/0.98 | 32/0.97   | 32/0.97   |
| 5 Ton                | 3/8"                       | 3/4"                        | 8/0.99                                                                        | 15/0.98  | 21/0.97   | 16/0.97   | 12/0.94   | 7/0.93    | 2/0.92  | 0/0.9   | 0/0.89    | 0/0.89    |
|                      | 1/2"                       | 3/4"                        | 8/0.99                                                                        | 15/0.98  | 23/0.97   | 30/0.97   | 33/0.94   | 32/0.93   | 31/0.92 | 30/0.9  | 29/0.89   | 28/0.89   |
|                      | 3/8"                       | 7/8"                        | 8/0.99                                                                        | 15/0.99  | 21/0.98   | 16/0.98   | 12/0.98   | 7/0.97    | 2/0.96  | 0/0.98  | 0/0.97    | 0/0.96    |
|                      | 1/2"                       | 7/8"                        | 8/0.99                                                                        | 15/0.99  | 23/0.98   | 30/0.98   | 33/0.98   | 32/0.97   | 31/0.96 | 30/0.98 | 29/0.97   | 28/0.96   |
|                      | 3/8"                       | 1-1/8"                      | 8/1                                                                           | 15/1     | 21/1      | 16/0.99   | 12/0.99   | 7/0.99    | 2/0.99  | 0/0.99  | 0/0.99    | 0/0.98    |
|                      | 1/2"                       | 1-1/8"                      | 8/1                                                                           | 15/1     | 23/1      | 30/0.99   | 33/0.99   | 32/0.99   | 31/0.99 | 30/0.99 | 29/0.99   | 28/0.98   |

### NOTES:

- 1) Maximum Equivalent Line Length may not exceed 76 meters.
- 2) Maximum Actual Line Length may not exceed 61 meters.
- 3) Light Grey shaded areas are considered long line and may require accessories as recommended in Long Line Set Guide.
- 4) **DO NOT** use suction line traps in the suction riser as this adds additional unwanted pressure drop in the system.

## Performance Data @ AHRI Standard Conditions – Cooling

| DESIGNATED TESTED COMBINATION (DTC) |               |                              |                            |                          |       |      |                     |
|-------------------------------------|---------------|------------------------------|----------------------------|--------------------------|-------|------|---------------------|
| OUTDOOR UNIT                        | INDOOR COIL   | TOTAL CAPACITY<br>BTU/H [KW] | NET SENSIBLE<br>BTU/H [KW] | NET LATENT<br>BTU/H [KW] | SEER2 | EER2 | INDOOR<br>CFM [L/s] |
| RA14AY18AJ1                         | RCFY2421HTANM | 17,100 [5.0]                 | 13,100 [3.8]               | 4,000 [1.2]              | 14.3  | 11.7 | 600 [283.2]         |
| RA14AY24AJ1                         | RCFY3621HTAAM | 22,800 [6.7]                 | 17,500 [5.1]               | 5,300 [1.6]              | 14.3  | 11.7 | 735 [346.9]         |
| RA14AY24BJ1                         | RCFY2421HTANM | 22,800 [6.7]                 | 17,500 [5.1]               | 5,300 [1.6]              | 14.3  | 11.7 | 750 [354.0]         |
| RA14AY30AJ1                         | RCFY3621HTAAM | 28,600 [8.4]                 | 21,800 [6.4]               | 6,800 [2.0]              | 14.3  | 11.7 | 910 [429.5]         |
| RA14AY36AJ1                         | RCFY3621HTAAM | 33,600 [9.8]                 | 25,200 [7.4]               | 8,400 [2.5]              | 14.3  | 11.7 | 1,030 [486.1]       |
| RA14AY42AJ1                         | RCFY4221HTAAM | 40,000 [11.7]                | 29,500 [8.6]               | 9,000 [2.6]              | 14.3  | 11.7 | 1,300 [613.5]       |
| RA14AY48AJ1                         | RCFY4821HTAAM | 45,500 [13.3]                | 34,500 [10.1]              | 10,500 [3.1]             | 13.8  | 11.7 | 1,425 [672.5]       |
| RA14AY60AJ1                         | RCFY6024HTANM | 56,000 [16.4]                | 42,900 [12.6]              | 13,100 [3.8]             | 13.8  | 11.7 | 1,575 [743.3]       |
| RA14AY36AC1                         | RCFY3621HTAAM | 33,600 [9.8]                 | 25,200 [7.4]               | 8,400 [2.5]              | 13.4  | 9.0  | 1,030 [486.1]       |
| RA14AY42AC1                         | RCFY4221HTAAM | 40,000 [11.7]                | 29,500 [8.6]               | 9,000 [2.6]              | 13.4  | 9.0  | 1,300 [613.5]       |
| RA14AY48AC1                         | RCFY4821HTAAM | 45,500 [13.3]                | 34,500 [10.1]              | 10,500 [3.1]             | 13.4  | 9.0  | 1,425 [672.5]       |
| RA14AY60AC1                         | RCFY6024HTANM | 56,000 [16.4]                | 42,900 [12.6]              | 13,100 [3.8]             | 13.4  | 9.0  | 1,575 [743.3]       |
| RA14AY36AD1                         | RCFY3621HTAAM | 33,600 [9.8]                 | 25,200 [7.4]               | 8,400 [2.5]              | 13.4  | 9.0  | 1,030 [486.1]       |
| RA14AY42AD1                         | RCFY4221HTAAM | 40,000 [11.7]                | 29,500 [8.6]               | 9,000 [2.6]              | 13.4  | 9.0  | 1,300 [613.5]       |
| RA14AY48AD1                         | RCFY4821HTAAM | 45,500 [13.3]                | 34,500 [10.1]              | 10,500 [3.1]             | 13.4  | 9.0  | 1,425 [672.5]       |
| RA14AY60AD1                         | RCFY6024HTANM | 56,000 [16.4]                | 42,900 [12.6]              | 13,100 [3.8]             | 13.4  | 9.0  | 1,575 [743.3]       |

**NOTE:** This data includes DTC (Designated Test Combination) ratings and is for reference purposes only. A full listing of official ratings and system match-ups, along with downloadable certificates, can be accessed from the AHRI website: [www.ahridirectory.org](http://www.ahridirectory.org).

[ ] Designates Metric Conversions



## 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 period stated, in accordance with the terms of the limited warranty.

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

Conditional Parts  
(Registration Required)..... Ten (10) Years

**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.**

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

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