







## Features and Benefits

- **Two-Stage Scroll Compressor:** Features two speeds (high and low) of cooling and heating, providing more precise temperature control, lower humidity and greater efficiency when compared to single stage compressors
- **7mm Condenser Copper Coil:** Requires less refrigerant allowing for a smaller and lighter footprint while enhancing reliability
- **Inverted Reversing Valve:** Allows for faster heat transfer with gravity assist shifting and reduced joint stress for increased reliability
- **PlusOne® Expanded Valve Space:** 3 in. – 4 in. – 5 in. service valve space — provides a minimum working area of 27-square inches for easier access
- **PlusOne® Triple Service Access:** 15 in. wide, industry leading access, two fastener, removeable corner and individual louver panels — makes repairs faster and easier
- **PlusOne® Refrigerant Detection System™1:** 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 the any 24V thermostat application and system protection by automatically pausing outdoor unit operation – if excess refrigerant is detected
- **Designing for Sustainability with Low GWP:** For 2025, the Environmental Protection Agency (EPA) has set a global warming potential (GWP) limit of 700 for refrigerant used in heating and cooling systems. This new requirement will result in a 78%<sup>2</sup> lower GWP than previous-generation refrigerants — with only minimal changes to system installation. For us, this is another step toward our continued sustainability goal of reducing greenhouse gas emissions, while still delivering an exceptional level of energy efficient, dependable comfort

<sup>1</sup>When comparing the GWP of R-454B to R-410A refrigerant

<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)

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  |
| RP15AY18A | 25.00      | 635 | 29.75      | 756 | 29.75     | 756 | 27.90      | 709  | 33.25      | 845 | 33.25     | 845 |
| RP15AY24A | 25.00      | 635 | 29.75      | 756 | 29.75     | 756 | 27.90      | 709  | 33.25      | 845 | 33.25     | 845 |
| RP15AY30A | 35.00      | 889 | 33.75      | 857 | 33.75     | 857 | 38.35      | 974  | 37.64      | 956 | 37.64     | 956 |
| RP15AY36A | 39.00      | 991 | 35.75      | 908 | 35.75     | 908 | 40.50      | 1029 | 38.38      | 975 | 38.38     | 975 |
| RP15AY42A | 39.00      | 991 | 35.75      | 908 | 35.75     | 908 | 40.50      | 1029 | 38.38      | 975 | 38.38     | 975 |
| RP15AY48A | 39.00      | 991 | 35.75      | 908 | 35.75     | 908 | 40.50      | 1029 | 38.38      | 975 | 38.38     | 975 |
| RP15AY60A | 39.00      | 991 | 35.75      | 908 | 35.75     | 908 | 40.50      | 1029 | 38.38      | 975 | 38.38     | 975 |

