

# MRCOOL® SIGNATURE SERIES

TruInverter™ 3 Ton Heat Pump Condenser (Model: MCAESHV9T3621BA)

## PERFORMANCE & RATINGS

|                                               |                                              |
|-----------------------------------------------|----------------------------------------------|
| Nominal Cooling Capacity                      | 34,000 BTU/h                                 |
| Nominal Heating Capacity                      | 36,000 BTU/h                                 |
| Seasonal Energy Efficiency Ratio (SEER2)      | 19.0                                         |
| Energy Efficiency Ratio (EER2)                | 10.0                                         |
| Heating Seasonal Performance Factor (HSPF2-4) | 9.0                                          |
| COP at 47°F                                   | 3.5                                          |
| Outdoor Sound Level                           | 68 dB(A)                                     |
| Ambient Operational Limits                    | Cooling: down to 5°F / Heating: down to -5°F |

## ELECTRICAL SPECIFICATIONS

|                                             |                              |
|---------------------------------------------|------------------------------|
| Power Supply / Frequency                    | 208-230V / 1-Phase / 60Hz    |
| Minimum Circuit Ampacity (MCA)              | 22.0 A                       |
| Maximum Overcurrent Protection (MOP / Fuse) | 35.0 A                       |
| Compressor Type                             | TruInverter™ Variable Rotary |
| Outdoor Fan Motor                           | High-Efficiency DC Motor     |

## REFRIGERANT & REFRIGERATION PIPING

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Refrigerant Type               | R-454B (Next-Generation Low-GWP Platform)         |
| Factory Pre-Charge             | 100.53 oz                                         |
| Liquid Line Size (OD)          | 3/8"                                              |
| Suction Line Size (OD)         | 3/4"                                              |
| Maximum Equivalent Line Length | Up to 100 ft                                      |
| Lineset Compatibility          | Supports MRCOOL® No-Vac® Quick Connect® Line Sets |

## PHYSICAL DIMENSIONS & WARRANTY

|                            |                                                   |
|----------------------------|---------------------------------------------------|
| Net Dimensions (W x D x H) | 29.215" x 29.125" x 24.94"                        |
| Net Weight                 | 146 lbs                                           |
| Cabinet Finish             | Durable Steel Louvered Guard with Gunmetal Finish |
| Parts Warranty             | 10-Year Limited Parts Warranty                    |
| Compressor Warranty        | Limited Lifetime Compressor Warranty              |