

# HVA9

## High-Efficiency up to 19.0 SEER Variable-Speed Air Conditioner with Observer® Communicating Control System

2 – 5 Tons Split System  
208 / 230 Volt, Single-Phase, 60 Hz



Recommended  
(Sold separately)



### Refrigeration Circuit

- Variable-speed compressor operates at five stages with capacity range as wide as 25 - 100%
- High-pressure switch
- Suction pressure transducer
- Pressure equalizer valve for easy starting
- Compressor discharge temperature sensor
- Coil temperature sensor
- Copper tube/aluminum fin coil

### Performance

- Up to 13.0 EER
- Integrated inverter control enables five-stage operation with complete Observer Communicating System
- Observer Wall Control with version 5.0 or newer software required for five-stage operation
- Also capable of two-stage operation with two-stage thermostat
- Self-configuring installation with Observer Communicating Wall Control
- Compact ECM fan motor driven by integrated inverter control
- Outdoor temperature sensor factory installed
- High performance compressor sound shield standard
- Isolation compressor grommets
- Enhanced dehumidification

### Easy-to-Install and Service

- Text based diagnostics with Observer Communicating Wall Control
- Only two control wires required from communicating indoor unit to condenser
- External high- and low-refrigerant service ports
- Factory charged with R-410A refrigerant
- Adjustments for min and max staging with Observer Communicating Wall Control

### Built to Last

- High-gloss, baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- Corner posts for extra strength and style

### Warranty\*

- 10-year No Hassle Replacement™ limited warranty
- Five-year parts limited warranty (including compressor and coil)
  - With timely registration, an additional five-year parts limited warranty (including compressor and coil)

\* For residential applications only.  
See warranty certificate for complete details and restrictions, including warranty coverage for other applications.



Qualifying models only.

### Unit Performance Data

Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions H x W x D (sq) in (mm)	Ship/Operating Weight lbs (kg)
HVA924GKA	2	24,000	13.5	20	31-13/16 x 23-1/8 x 23-1/8 (807 x 587 x 587)	150 /128 (68/58)
HVA925GKA†	2	24,000	23.6	40	38-1/2 x 23-1/8 x 23-1/8 (980 x 587 x 587)	177/152 (80/69)
HVA936GKA	3	36,000	24.2	40	38-1/2 x 23-1/8 x 23-1/8 (980 x 587 x 587)	177/152 (80/69)
HVA937GKA†	3	36,000	26.0	40	38-15/16 x 31-3/16 x 31-3/16 (989 x 242 x 242)	242/205 (110/93)
HVA948GKA	4	48,000	27.3	40	38-15/16 x 31-3/16 x 31-3/16 (989 x 242 x 242)	242/205 (110/93)
HVA949GKA†	4	48,000	26.0	40	43-11/16 x 35 x 35 (1111 x 889 x 889)	285/249 (129/113)
HVA960GKA	5	60,000	40.0	60	42-5/16 x 31-3/16 x 31-3/16 (1075 x 792 x 792)	268/229 (121/104)

† Meets ENERGY STAR® criteria when matched with appropriate coil.