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› [Goodman 9,000 BTU 18 SEER2 Ductless Mini Split Inverter Heat Pump System User Manual](#)

Goodman RXNG09AXVJU+FTXNG09AXVJU

Goodman 9,000 BTU 18 SEER2 Ductless Mini Split Inverter Heat Pump System User Manual

Model: RXNG09AXVJU+FTXNG09AXVJU

1. PRODUCT OVERVIEW

The Goodman 9,000 BTU 18 SEER2 bundled Ductless Mini Split Inverter Heat Pump System offers efficient heating and cooling for spaces up to 350 sq. ft. This inverter mini-split system provides rapid cooling and significant energy savings, ensuring consistent temperature maintenance for optimal comfort. The indoor unit features a sleek white design with a floating dual panel, gradually curved side edges, minimalist LED ring indication, and a metallic silver spray paint finish for enhanced aesthetics. The system includes a remote control for convenient access to all comfort control options.



Figure 1: Overview of the Goodman 9,000 BTU Mini Split System, including indoor unit, outdoor unit, and remote control.

2. KEY FEATURES

This Goodman mini split system is designed with user comfort and convenience in mind, incorporating several advanced features:

- **Energy Efficiency:** 18 SEER2 rating, 9 HSPF, 11 EER for significant energy savings.
- **Inverter Technology:** Ensures faster cooling and consistent temperature control.
- **Cleanliness Features:** Includes Titanium Apatite Deodorizing Filter, Catechin Air Filter, Wipe-Clean Flat Panel, and Removable Drain Pan for improved air quality and easy maintenance.
- **Convenient Controls:** Wireless Remote Controller with Luminous Button and backlight, Indoor Unit On/Off Switch.
- **Smart Functions:** Eco+ Function, Sleep Mode, Self-Diagnosis with digital display, and Auto-Restart after Power Failure.
- **Quiet Operation:** Designed for low noise levels in both indoor and outdoor units.

- **Durable Design:** Anticorrosion Treatment of Outdoor Heat Exchanger for extended lifespan.

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Ultimate Cleanliness Experience

Removable Drain Pan

Titanium Apatite Deodorising Filter

Catechin Air Filter

Wipe-Clean Flat Panel

Figure 2: Outdoor unit of the Goodman Mini Split system.

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Unleash the Power: Explore Advanced Features!



ECO+ Function



Inverter Powerful
Operation



Sleep Mode



Wireless Remote
Controller with
Backlight



LED Display On/Off



Indoor Unit
On/Off Switch

Figure 3: Indoor unit of the Goodman Mini Split system.

3. SETUP AND INSTALLATION

Important: The Goodman 9,000 BTU 18 SEER2 Ductless Mini Split Inverter Heat Pump System **must be installed by a licensed HVAC technician.** Professional installation is crucial for correct product registration, warranty validation, and ensuring safe and efficient operation of the unit. Attempting self-installation may void your warranty and lead to improper functioning or safety hazards.

The system includes both an indoor unit and an outdoor unit, designed for split-system installation. Ensure adequate space and proper ventilation for both components as per the installation guide provided by your licensed technician.

While there are no official seller videos available for installation, a licensed HVAC technician will follow industry standards and manufacturer guidelines to ensure optimal performance.

4. OPERATING INSTRUCTIONS

The Goodman Mini Split system is controlled via a wireless remote. Familiarize yourself with the remote's functions for optimal use:

- **On/Off Button:** Powers the unit on or off.
- **Mode Selection:** Switch between cooling, heating, fan-only, dry (dehumidifier), and auto modes.
- **Temperature Adjustment:** Use the up/down arrows to set your desired temperature.
- **Fan Speed:** Adjust fan speed (Auto, Low, Medium, High) for personalized comfort.
- **Swing Mode:** Activates the automatic louver swing for even air distribution.
- **Eco+ Function:** Optimizes energy consumption for efficiency.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep while saving energy.
- **Powerful Operation:** Provides a temporary boost in cooling/heating capacity for rapid temperature change.
- **Timer:** Set specific times for the unit to turn on or off.
- **LED Display On/Off:** Control the illumination of the indoor unit's LED display.

The system's self-diagnosis feature with a digital display provides error codes or status indicators, aiding in quick identification of any operational issues.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your Goodman Mini Split system. Key maintenance aspects include:

- **Filter Cleaning:** The Titanium Apatite Deodorizing Filter and Gatechin Air Filter should be regularly cleaned or replaced as per the technician's recommendation to maintain air quality and system performance.
- **Wipe-Clean Flat Panel:** The indoor unit's flat panel is designed for easy wiping to keep it clean and dust-free.
- **Removable Drain Pan:** Periodically check and clean the removable drain pan to prevent mold and mildew buildup, ensuring proper condensate drainage.
- **Outdoor Unit:** Keep the outdoor unit clear of debris, leaves, and other obstructions to ensure proper airflow and heat exchange. The anticorrosion treatment helps protect the outdoor heat exchanger, but regular visual inspection is recommended.

For detailed maintenance procedures, consult your licensed HVAC technician or refer to the comprehensive installation and operation manual provided with your unit.

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Auto-Restart after Power Failure



Self-Diagnosis with Digital Display



Anticorrosion Treatment of Outdoor Heat Exchanger



Figure 4: Visual representation of the cleanliness features, including filters and removable drain pan.

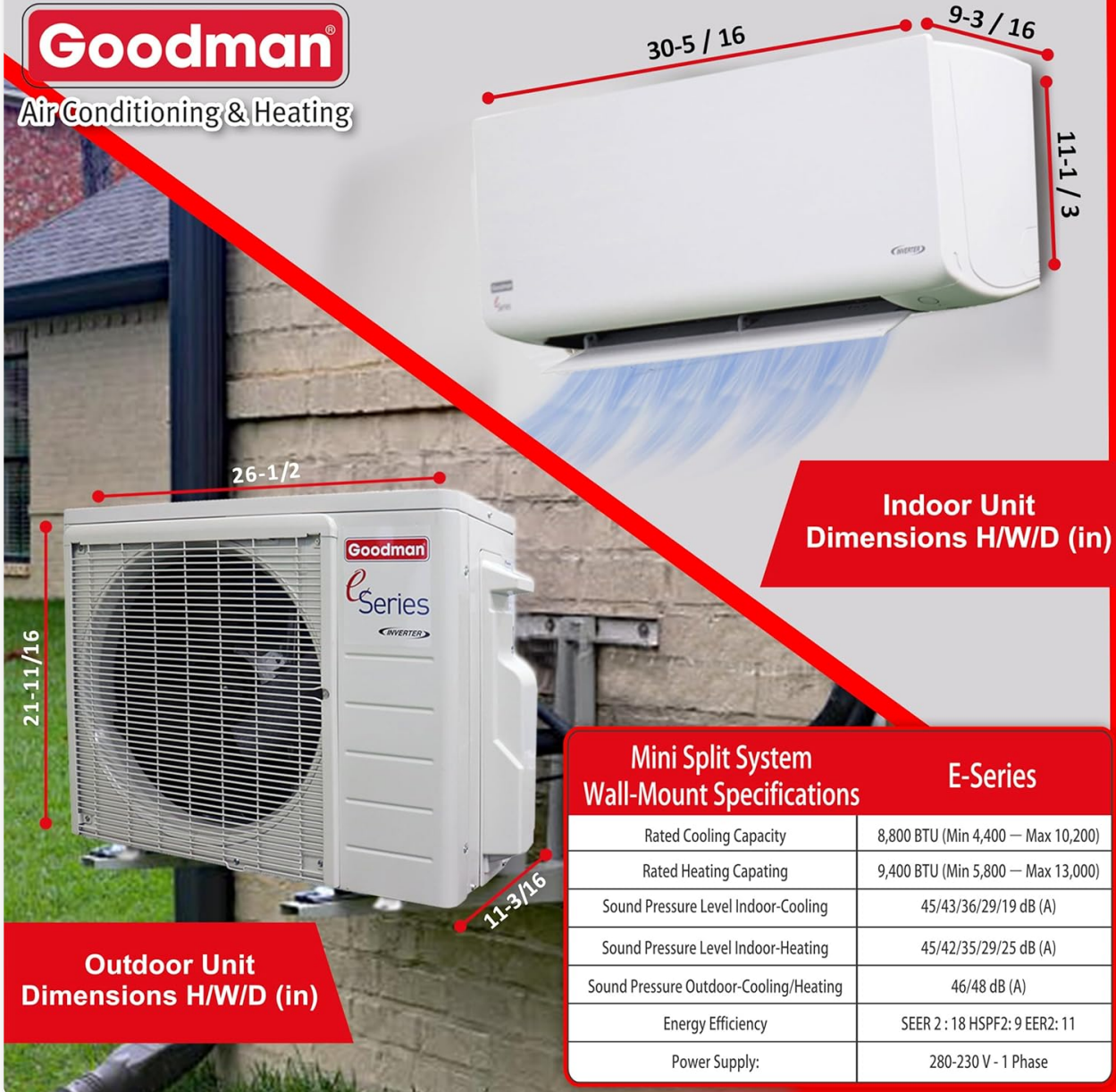
6. TROUBLESHOOTING

The Goodman Mini Split system is equipped with a self-diagnosis feature that displays digital codes to indicate potential issues. If you encounter a problem, first check the digital display for any error codes and consult the detailed troubleshooting section in your full product manual. Common issues and initial steps may include:

- **No Power:** Check the circuit breaker and ensure the unit is properly plugged in.
- **Insufficient Cooling/Heating:** Verify temperature settings, clean air filters, and ensure no obstructions to airflow.
- **Unusual Noises:** Minor noises during operation are normal; however, loud or persistent noises may indicate an issue requiring professional inspection.
- **Water Leakage:** Check the drain pan for blockages and ensure proper drainage.

For any persistent issues or complex problems, it is highly recommended to contact a licensed HVAC technician for diagnosis and repair.

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**Indoor Unit
Dimensions H/W/D (in)**

**Outdoor Unit
Dimensions H/W/D (in)**

**Mini Split System
Wall-Mount Specifications**

E-Series

Rated Cooling Capacity	8,800 BTU (Min 4,400 — Max 10,200)
Rated Heating Capacity	9,400 BTU (Min 5,800 — Max 13,000)
Sound Pressure Level Indoor-Cooling	45/43/36/29/19 dB (A)
Sound Pressure Level Indoor-Heating	45/42/35/29/25 dB (A)
Sound Pressure Outdoor-Cooling/Heating	46/48 dB (A)
Energy Efficiency	SEER 2 : 18 HSPF2: 9 EER2: 11
Power Supply:	280-230 V - 1 Phase

Figure 5: Features like Auto-Restart and Self-Diagnosis contribute to worry-free operation.

7. SPECIFICATIONS

Detailed technical specifications for the Goodman 9,000 BTU 18 SEER2 Ductless Mini Split Inverter Heat Pump System:

Attribute	Value
Brand Name	MAXWELL (Goodman)
Model Info	RXNG09AXVJU+FTXNG09AXVJU
Item Weight	86 pounds
Product Dimensions	9 x 31 x 11 inches (Indoor Unit)
Item Model Number	RXNG09AXVJU+FTXNG09AXVJU

Attribute	Value
Efficiency	High (18 SEER2, 11 EER, 9 HSPF)
Capacity	0.75 Tons (9,000 BTU)
Cooling Capacity	8,800 BTU (Min 4,400 BTU - Max 10,200 BTU)
Heating Capacity	9,400 BTU (Min 5,800 BTU - Max 13,000 BTU)
Annual Energy Consumption	1 Watts
Noise Level	36 dB (Indoor Unit)
Installation Type	Split System
Part Number	RXNG09AXVJU+IKM1438+FTXNG09AXVJU
Form Factor	Mini-Split
Color	White
Voltage	230 Volts
Wattage	800 watts
Included Components	Indoor Unit, Outdoor Unit
Floor Area Coverage	350 Square Feet

Ultimate Cleanliness Experience

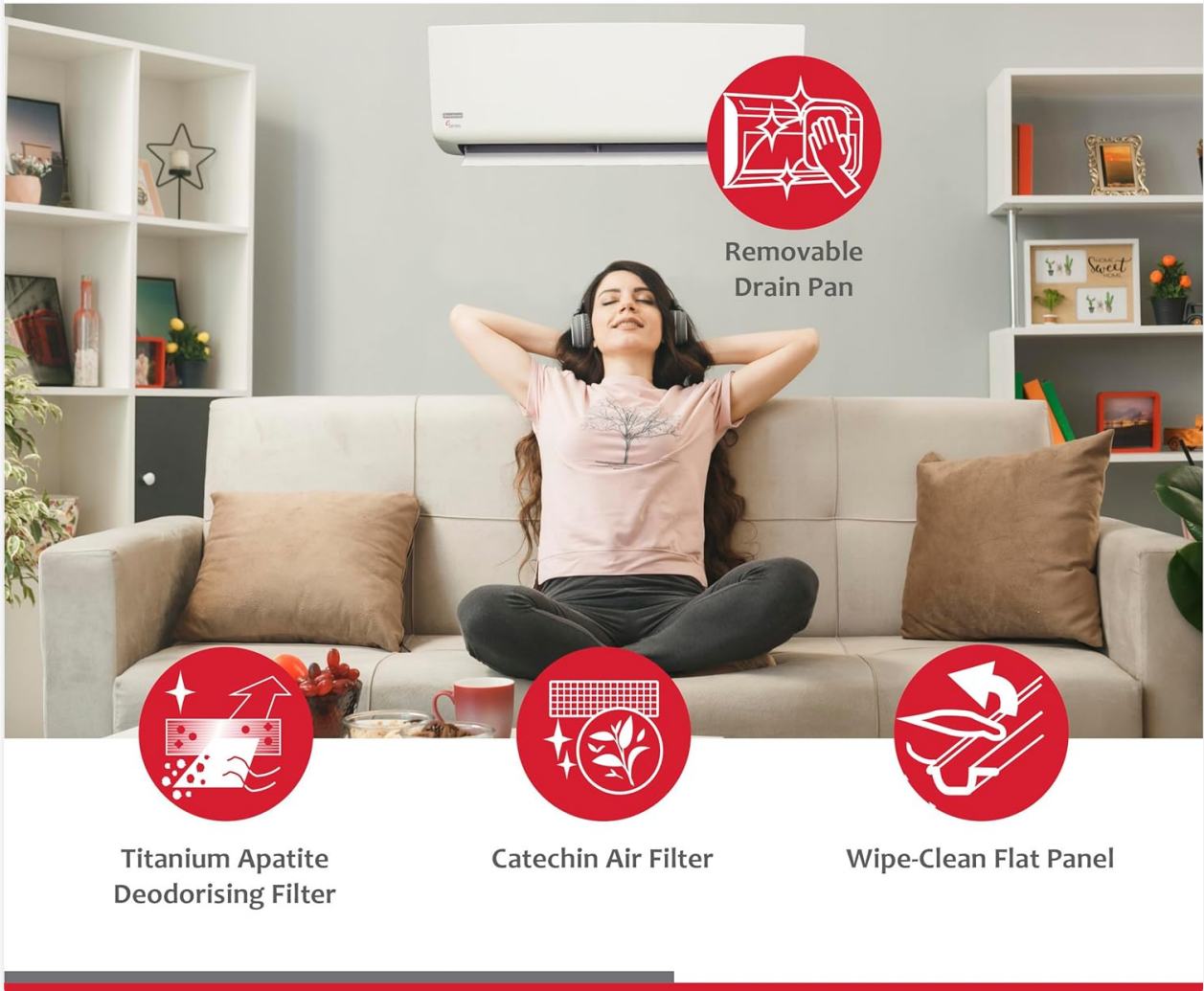


Figure 6: Detailed dimensions of the Goodman Mini Split outdoor unit.

8. WARRANTY & SUPPORT

The Goodman 9,000 BTU 18 SEER2 Ductless Mini Split Inverter Heat Pump System comes with **5-Years Limited Manufacturer Warranty**. To ensure the validity of your warranty and proper product registration, it is mandatory that the system be installed by a licensed HVAC technician.

For technical support, warranty claims, or service inquiries, please refer to the contact information provided in your product packaging or consult your licensed HVAC installer. Always provide your model number (RXNG09AXVJU+FTXNG09AXVJU) and purchase details when seeking support.

