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## Goodman GLXS5BA4810

# User Manual for Goodman 4 Ton 15.2 SEER2 R-32 AC Condenser

Model: GLXS5BA4810

## INTRODUCTION

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The Goodman 4 TON 15.2 SEER2 R-32 AC Condenser (Model GLXS5BA4810) is a robust outdoor unit designed to provide efficient cooling for residential and light commercial applications. This unit replaces previous models GSXH504810 and GSX160481, offering enhanced performance and reliability. Proper installation and maintenance are crucial for optimal operation and to ensure the validity of the product's warranty.



Image: The Goodman 4 Ton 15.2 SEER2 R-32 AC Condenser, showcasing its gray exterior and top fan.

## PRODUCT FEATURES

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- **Energy-efficient compressor:** Designed for reduced energy consumption and lower operating costs.

- **Factory-installed filter drier:** Protects the refrigerant system from moisture and contaminants.
- **Fully charged for 15' of tubing length:** Pre-charged with R-410a coolant for standard installation requirements.
- **Durable Construction:** Features a heavy-duty metal guard around the fins for enhanced protection.

## SETUP & INSTALLATION

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Installation of this AC condenser must be performed by a qualified and certified HVAC professional. Incorrect installation can lead to system malfunction, void the warranty, and pose safety risks. Ensure the installation site meets all local building codes and regulations.

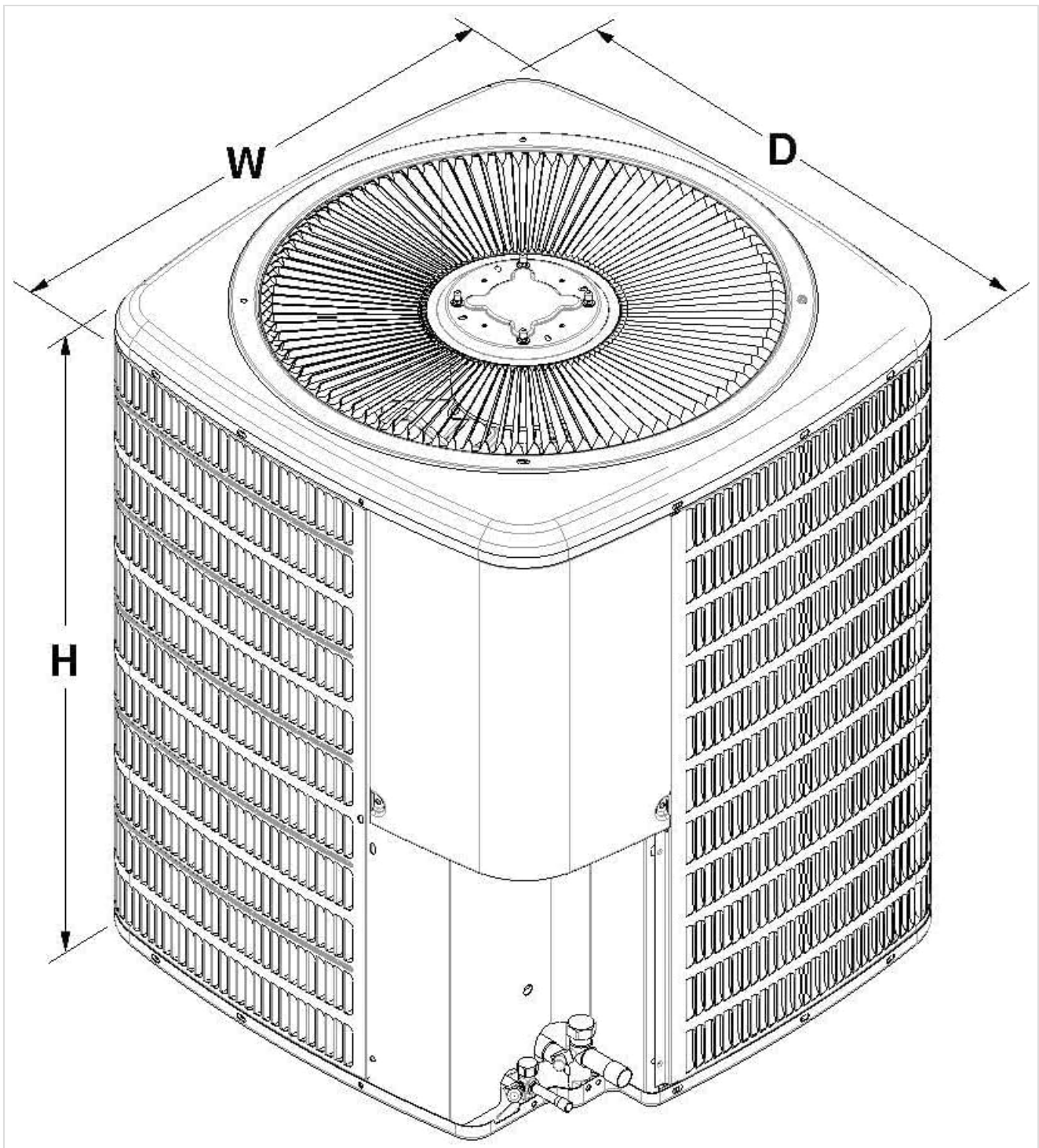


Image: A line drawing illustrating the width (W), depth (D), and height (H) dimensions of the condenser unit.

### Pre-Installation Checks:

- Verify the electrical supply matches the unit's requirements (Voltage: 208, Phase: 230-1).
- Confirm appropriate liquid line valve connection (3/8") and suction line valve connection (7/8").
- Ensure adequate space for airflow and future maintenance around the unit.

Accessories such as thermostats, linesets, and outdoor sensors are sold separately and should be selected based on your specific system requirements.

## OPERATING INSTRUCTIONS

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Once professionally installed, your Goodman AC Condenser operates in conjunction with your indoor coil and thermostat to provide cooling. Set your desired temperature on the thermostat. The system will automatically cycle on and off to maintain the set temperature, ensuring comfortable indoor conditions.

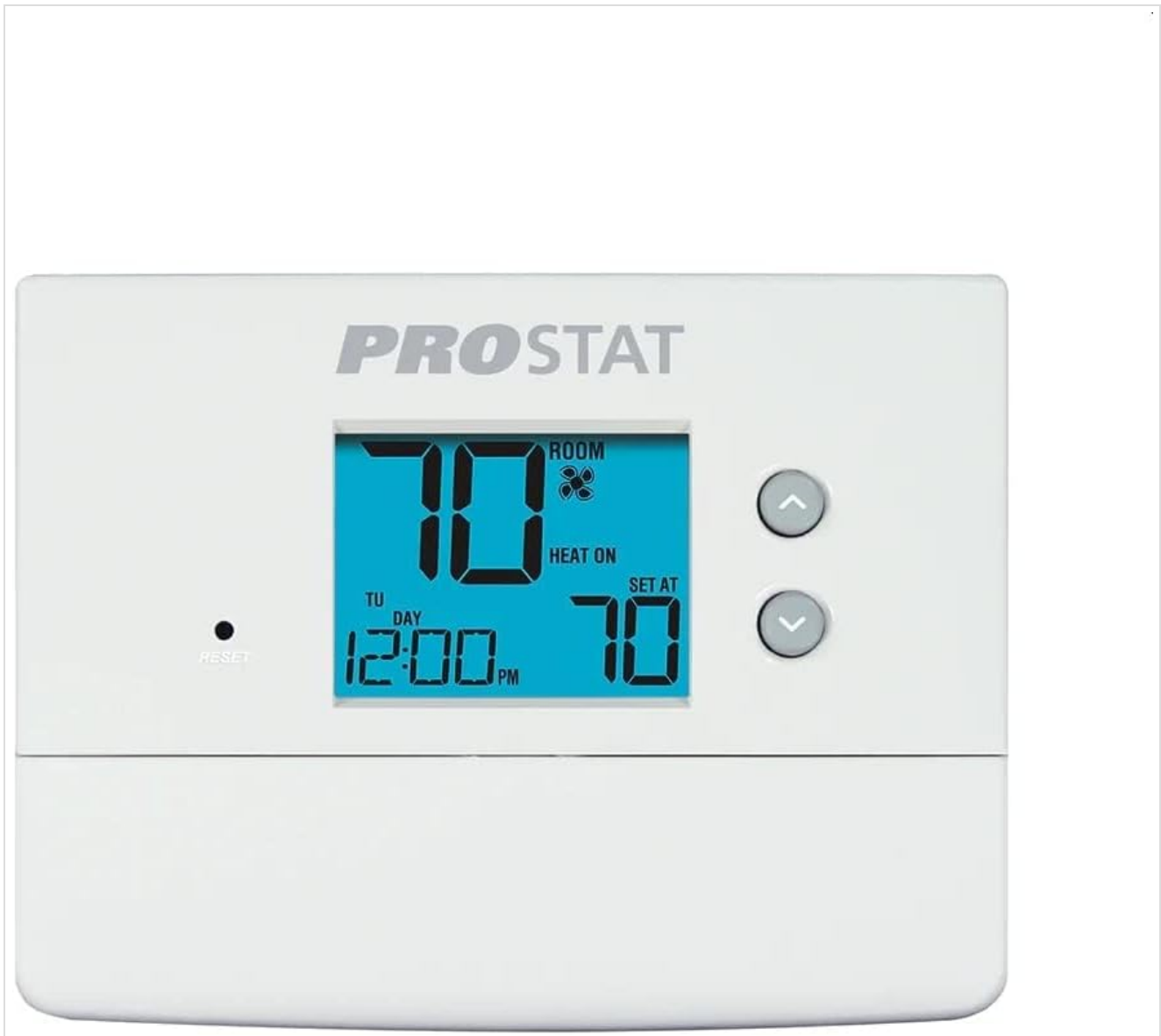


Image: A digital thermostat, typically used to control the air conditioning system, showing a temperature setting. For detailed operation of your specific thermostat model, please refer to its dedicated user manual.

## MAINTENANCE

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Regular maintenance by a qualified HVAC technician is essential to ensure the efficiency, reliability, and longevity of your Goodman AC Condenser. Annual inspections and tune-ups can prevent minor issues from becoming major problems and help maintain energy efficiency.

## Recommended Maintenance Includes:

- Cleaning of condenser coils to ensure proper heat transfer.
- Checking refrigerant levels and pressure.
- Inspecting electrical connections and components.
- Lubricating moving parts as necessary.
- Checking the fan motor and blades for wear or damage.

## TROUBLESHOOTING

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Should you experience any issues with your AC condenser, it is recommended to contact a qualified HVAC professional for diagnosis and repair. Attempting repairs without proper training and tools can be dangerous and may void your warranty.

### Common Issues (Require Professional Attention):

- Unit not cooling effectively.
- Unusual noises or vibrations from the unit.
- Unit not turning on or off.
- Refrigerant leaks.
- Electrical problems.

## SPECIFICATIONS

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| Specification                 | Value                                 |
|-------------------------------|---------------------------------------|
| Model Number                  | GLXS5BA4810                           |
| Cooling Capacity              | 4 Tons (48,000 British Thermal Units) |
| SEER Rating                   | 15.2                                  |
| Refrigerant Type              | R-32                                  |
| Voltage                       | 208 Volts                             |
| Phase                         | 230-1                                 |
| Liquid Line Valve Connection  | 3/8 inches                            |
| Suction Line Valve Connection | 7/8 inches                            |
| Dimensions (W x D x H)        | 35.5 x 35.5 x 39.5 inches             |
| Item Weight                   | 219 pounds                            |
| Color                         | Architectural Gray                    |
| Special Feature               | Inverter Compressor                   |

## WARRANTY & SUPPORT

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The Goodman 4 TON 15.2 SEER2 R-32 AC Condenser comes with a **10-year parts limited warranty**. This

warranty is valid provided the unit is installed by a qualified installer and registered online. It is crucial to adhere to professional installation and maintenance guidelines to ensure your warranty remains active.



Image: A metallic shield graphic indicating a 10-year limited warranty.

For customer support or to inquire about warranty registration, please refer to the Goodman official website or contact your authorized dealer. You can also find general customer support information via the retailer where the product was purchased.