

Hoffman T150116G152

Hoffman T15 Series Outdoor Air Conditioner User Manual

Model: T150116G152

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1. PRODUCT OVERVIEW

The Hoffman McLean T15 Series Outdoor Air Conditioner, model T150116G152, is engineered for robust performance in demanding outdoor environments. This unit features a reciprocating compressor and a hinged front cover, providing convenient access to all internal components for maintenance. Designed for versatility, it supports both exterior and fully recessed mounting options. Constructed from stainless steel and finished in RAL 7035 light-gray semi-textured powder-coat paint, it offers durability and corrosion resistance. This air conditioner is ideally suited for industrial automation, package handling equipment, food/beverage processing, and wastewater treatment applications.



T15
800 BTU/Hr.
234 Watts



T20
2000 BTU/Hr.
586 Watts

Figure 1: Hoffman T15 Series Outdoor Air Conditioner (800 BTU/Hr., 234 Watts). This image displays the compact, light-gray stainless steel enclosure of the T15 model, designed for outdoor use, with visible ventilation grilles on the front panel.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing, operating, or performing maintenance on this air conditioner. Failure to follow these instructions could result in property damage, serious injury, or death.

- **Qualified Personnel:** Installation, maintenance, and repair must be performed by qualified and authorized personnel only.
- **Electrical Hazard:** Disconnect all power to the unit before performing any installation or maintenance. Ensure proper grounding.
- **Refrigerant:** This unit contains R-410A refrigerant. Handling of refrigerant should only be done by certified technicians.
- **Weight:** The unit may be heavy. Use appropriate lifting techniques and equipment to prevent injury.
- **Ventilation:** Ensure adequate airflow around the unit as specified in the installation guidelines to prevent overheating.
- **Environmental Conditions:** Do not operate the unit outside its specified environmental limits.

3. SETUP & INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your Hoffman T15 Series Air Conditioner. It is highly recommended that installation be performed by a certified professional.

3.1. Unpacking

- Carefully remove the unit from its packaging.
- Inspect the unit for any shipping damage. Report any damage to your supplier immediately.
- Verify all components listed in the packing list are present.

3.2. Mounting Options

The T15 series offers flexible mounting solutions:

- **Exterior Mounting:** The unit can be mounted directly to the exterior surface of the enclosure.
- **Fully Recessed Mounting:** For a more integrated appearance, the unit can be recessed into the enclosure.

Refer to the detailed installation template and instructions provided with the unit for precise mounting hole patterns and clearances.

3.3. Electrical Connection

- Ensure the power supply matches the unit's requirements (100 to 120 Vac).
- Connect the unit to a dedicated, properly fused, and grounded circuit.
- All wiring must comply with local and national electrical codes.

3.4. Condensate Management

The unit is designed to manage condensate. Ensure the condensate drain is clear and properly routed to prevent water accumulation.

4. OPERATING INSTRUCTIONS

The Hoffman T15 Series Air Conditioner is designed for continuous operation to maintain optimal internal enclosure temperatures. It features a remote control method for temperature management.

4.1. Initial Startup

1. After installation is complete and all connections are secure, apply power to the unit.
2. The unit will typically begin operation automatically if the enclosure temperature exceeds the setpoint.

4.2. Temperature Control

The unit's temperature setpoint can be adjusted via a remote control interface. Refer to the specific instructions for your remote control unit for details on setting the desired temperature and monitoring operational status.

4.3. Normal Operation

During normal operation, the air conditioner will cycle on and off to maintain the set internal temperature, protecting sensitive equipment from heat-related issues. Ensure that the air intake and exhaust vents are not obstructed.

5. MAINTENANCE

Regular maintenance ensures the efficient and reliable operation of your air conditioner. Always disconnect power before performing any maintenance.

5.1. Filter Cleaning/Replacement

- The unit features a hinged front cover for easy access to internal components, including air filters.
- Inspect air filters monthly, or more frequently in dusty environments.
- Clean filters using mild soap and water, or replace them if heavily soiled or damaged. Ensure filters are completely dry before reinstallation.

5.2. Condensate Drain Inspection

- Periodically check the condensate drain for blockages. A clogged drain can lead to water accumulation inside the enclosure.
- Clear any debris from the drain tube.

5.3. General Cleaning

- Wipe down the exterior of the unit with a damp cloth. Avoid abrasive cleaners.
- Ensure that the condenser and evaporator coils are free of dust and debris. Use a soft brush or vacuum cleaner if necessary.

6. TROUBLESHOOTING

This section provides solutions to common issues. For problems not listed here, or if issues persist, contact Hoffman technical support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; tripped circuit breaker; faulty wiring.	Check power connection; reset circuit breaker; verify wiring by a qualified electrician.
Insufficient cooling.	Dirty air filters; obstructed airflow; low refrigerant; incorrect setpoint.	Clean/replace filters; clear obstructions from vents; contact service for refrigerant check; adjust setpoint.
Water leaking from unit.	Clogged condensate drain; unit not level.	Clear condensate drain; ensure unit is installed level.
Unusual noise.	Loose components; fan obstruction; compressor issue.	Inspect for loose parts; clear fan area; contact qualified service personnel.

7. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	T150116G152
Brand	Hoffman
Cooling Capacity	800 BTU/Hr. (235 Watts)
Dimensions (H x W x D)	15.75" x 7.5" x 6.3" (7.5"D x 15.75"W x 6.3"H)
Voltage	100 to 120 Vac

Feature	Detail
Color	Light Grey (RAL 7035)
Material	Stainless Steel
Refrigerant	R 410A
Control Method	Remote
Installation Type	Split System
Application	Outdoor, Industrial automation, package handling equipment, food/beverage, wastewater treatment

8. WARRANTY & SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Hoffman website. Hoffman provides technical support to assist with installation, operation, and troubleshooting.

Contact Information:

- **Website:** www.hoffman.nvent.com (or refer to product packaging for specific regional contact details)
- **Customer Service:** Refer to the Hoffman website for phone numbers and email support.

When contacting support, please have your model number (T150116G152) and serial number ready.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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