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## Rinnai RDT-80(A)

# Rinnai Gas Clothes Dryer RDT-80(A) Instruction Manual

Model: RDT-80(A) | Capacity: 8kg

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Rinnai RDT-80(A) Gas Clothes Dryer. Please read this manual thoroughly before using the appliance and retain it for future reference. Proper use ensures optimal performance and longevity of your dryer.

## 2. IMPORTANT SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines to prevent accidents, injury, or damage to the appliance.

- Professional Installation:** This gas appliance must be installed by a qualified and certified professional in accordance with all local codes and regulations. Improper installation can lead to gas leaks, fire, or carbon monoxide poisoning.
- Ventilation:** Ensure adequate ventilation in the installation area. The dryer produces exhaust gases that must be properly vented outdoors. Never operate the dryer in an unventilated space.
- Gas Supply:** Verify that the gas type (LPG, 13A City Gas, or 12A City Gas) matches the dryer's specifications. Do not attempt to convert the dryer for use with a different gas type.
- Electrical Connection:** Connect the dryer to a properly grounded electrical outlet. Do not use extension cords or adapters.
- Flammable Materials:** Do not dry items that have been soiled with flammable substances such as cooking oil, gasoline, or dry-cleaning solvents. These can ignite and cause an explosion.
- Lint Filter:** Clean the lint filter before or after every load to prevent fire hazards and maintain drying efficiency.
- Children and Pets:** Keep children and pets away from the dryer during operation. The drum may be hot.
- Maintenance:** Only perform maintenance procedures described in this manual. For complex repairs, contact a qualified service technician.

## 3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main parts of your Rinnai RDT-80(A) Gas Clothes Dryer.



This image shows the front of the Rinnai RDT-80(A) gas clothes dryer. It features a large circular door for loading laundry, and a control panel located at the bottom front. The dryer is pure white.

## Control Panel Functions:

- **Rinnai RDT-80(A):** Model identification.
- **Drum:** The internal rotating cylinder where clothes are dried.
- **Timer / Time Adjustment:** Used to set the desired drying duration.
- **Course:** Selects the drying program (e.g., standard, delicate, heavy duty).
- **Start/Stop:** Initiates or pauses the drying cycle.
- **Power On/Off (Auto Off):** Turns the appliance on or off, with an automatic shut-off feature.
- **Remaining Time:** Displays the estimated time left in the current drying cycle.
- **Eco:** Activates an energy-saving drying mode.
- **Filter Cleaning Indicator:** Illuminates to remind the user to clean the lint filter.

## 4. SETUP

The Rinnai RDT-80(A) Gas Clothes Dryer requires professional installation due to its gas and electrical connections. Do not attempt to install this appliance yourself.

### Installation Steps (for Qualified Professionals):

- Location Selection:** Choose a well-ventilated area, away from flammable materials, and with access to appropriate gas and electrical connections. Ensure the floor is level and capable of supporting the dryer's weight.
- Gas Connection:** Connect the dryer to the gas supply using a small diameter quick-connect reinforced gas hose (gas cord) or a reinforced gas hose for R3/8 screw connection, as appropriate for the gas type (LPG, 13A, or 12A). Perform leak tests.
- Electrical Connection:** Plug the dryer into a dedicated, grounded AC100V (50/60Hz) electrical outlet.
- Ventilation Duct Installation:** Install a rigid or flexible metal exhaust duct to vent moist air directly outdoors. Ensure the duct is free of kinks and blockages.
- Leveling:** Adjust the dryer's feet to ensure it is stable and level.
- Final Checks:** Verify all connections are secure and perform a test run to ensure proper operation and absence of gas leaks.

## 5. OPERATING INSTRUCTIONS

Follow these steps for effective and safe drying of your laundry.

- Prepare Laundry:** Ensure clothes are thoroughly spun in a washing machine to remove excess water. Check garment care labels for drying instructions.
- Clean Lint Filter:** Always clean the lint filter before loading clothes.
- Load Dryer:** Open the dryer door and load clothes into the drum. Do not overload the dryer; leave space for clothes to tumble freely. Close the door securely.
- Power On:** Press the 'Power On/Off' button to turn on the dryer.
- Select Course:** Use the 'Course' button or dial to select the appropriate drying program for your laundry type (e.g., cotton, synthetics, delicates).
- Set Timer (Optional):** If desired, use the 'Timer' or 'Time Adjustment' function to set a specific drying duration.
- Select Eco Mode (Optional):** Press the 'Eco' button to activate the energy-saving mode if available for your selected course.
- Start Cycle:** Press the 'Start/Stop' button to begin the drying cycle. The 'Remaining Time' display will show the estimated time.
- End of Cycle:** The dryer will automatically stop when the cycle is complete. Remove clothes promptly to minimize wrinkles.
- Power Off:** Press the 'Power On/Off' button to turn off the dryer.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dryer.

### 6.1. Lint Filter Cleaning

The lint filter must be cleaned before or after every load. A clogged filter reduces drying efficiency and poses a fire risk.

1. Locate the lint filter (typically inside the door opening or at the front of the drum).
2. Pull out or remove the filter.
3. Peel off any accumulated lint. Dispose of lint properly.
4. Rinse the filter under running water if necessary, and ensure it is completely dry before reinserting.
5. Reinsert the clean filter securely into its housing.

## 6.2. Exterior Cleaning

Wipe the exterior surfaces of the dryer with a soft, damp cloth. Do not use abrasive cleaners or solvents.

## 6.3. Exhaust Duct Inspection

Periodically inspect the exhaust duct for lint buildup or obstructions. Clean as needed to maintain proper airflow and prevent fire hazards. This should ideally be done by a professional.

# 7. TROUBLESHOOTING

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Refer to this section for solutions to common issues. If the problem persists, contact customer support.

- **Dryer does not start:**

- Check if the power cord is securely plugged in.
- Ensure the dryer door is fully closed.
- Verify that the circuit breaker has not tripped.
- Confirm the gas supply valve is open.

- **Clothes are not drying properly:**

- Clean the lint filter.
- Check for obstructions in the exhaust duct.
- Do not overload the dryer.
- Select an appropriate drying course and time for the load size and fabric type.
- Ensure the gas supply is adequate.

- **Unusual noises:**

- Check for foreign objects in the drum.
- Ensure the dryer is level.

- **Gas odor:**

- Immediately turn off the dryer and the main gas supply.
- Open windows and doors for ventilation.
- Do not operate any electrical switches or phones.
- Contact your gas provider or a qualified service technician immediately.

# 8. SPECIFICATIONS

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Feature	Specification
Brand	Rinnai
Model Number	RDT-80(A)
Body Color	Pure White
External Dimensions (H×W×D)	684mm × 650mm × 641mm
Weight	33kg
Drying Capacity	8kg
Power Supply	AC100V (50/60Hz common)
Power Consumption (50Hz)	250W
Power Consumption (60Hz)	300W
Standby Power Consumption	0.8W
Compatible Gas Types	LPG, 13A (City Gas), 12A (City Gas)
Gas Consumption (LPG)	4.47kW (0.320kg/h) ~ 2.05kW (0.147kg/h)
Gas Consumption (13A)	4.65kW (4,000kcal/h) ~ 2.05kW (1,760kcal/h)
Gas Consumption (12A)	4.33kW (3,720kcal/h) ~ 1.91kW (1,640kcal/h)
Gas Connection	Small diameter quick-connect reinforced gas hose (gas cord), reinforced gas hose (for R3/8 screw connection)
Ignition Method	Continuous spark direct ignition

Safety Devices	Overheat prevention, incomplete combustion prevention, flame failure, exhaust temperature thermistor, blow-out temperature thermistor, clothing temperature thermistor, leakage current safety, door switch, motor overheat prevention, drum rotation detection, fan rotation detection, power outage safety, forgotten shut-off prevention.
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## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Rinnai website. For technical support, service, or inquiries regarding your Rinnai RDT-80(A) Gas Clothes Dryer, please contact Rinnai customer service or your authorized Rinnai dealer.

Keep your purchase receipt as proof of purchase for warranty claims.

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### Related Documents - RDT-80(A)

 <b>Rinnai</b>	<p><a href="#">Rinnai Dry-Soft 9 RDT-90-AU Gas Clothes Dryer: Operation and Installation Manual</a>  Comprehensive operation and installation manual for the Rinnai Dry-Soft 9 (RDT-90-AU) gas clothes dryer, covering safety, usage, maintenance, troubleshooting, and installation guidelines.</p>
 <b>Rinnai</b>	<p><a href="#">Rinnai Gas Dryer Error Codes and Troubleshooting Guide</a>  Find solutions for common error codes on your Rinnai Gas Dryer. This guide provides probable causes, user remedies, and further actions for codes 00 through Blank.</p>
 <b>Rinnai</b>	<p><a href="#">Rinnai Tankless Water Heaters: Endless Hot Water, Energy Savings, and Smart Control</a>  Explore Rinnai's advanced tankless water heaters, offering a continuous supply of hot water, significant energy savings up to 40%, compact and space-saving designs, and smart home integration. Learn about their eco-friendly technology, innovative features like ThermaCirc360™ recirculation, and the Control-R™ Wi-Fi module for remote management.</p>

 <p><b>Rinnai</b></p>	<p><b><a href="#">Manuale d'Uso e Installazione Caldaie a Condensazione Rinnai Zen</a></b></p> <p>Guida completa per l'uso e l'installazione delle caldaie a condensazione Rinnai Zen (modelli I24, I29, I34). Include informazioni su caratteristiche, sicurezza, funzionamento, installazione, manutenzione e risoluzione problemi.</p>
 <p><b>Rinnai</b></p>	<p><b><a href="#">Rinnai Infinity Condensing Water Heaters: Operation and Installation Manual</a></b></p> <p>Comprehensive guide for Rinnai Infinity instantaneous condensing water heaters (models REU-E1620W-E, REU-E2024W-E, REU-E2426W-E). Covers features, safety, installation, maintenance, troubleshooting, and warranty information. Visit <a href="http://www.rinnai.it">www.rinnai.it</a> for more details.</p>
 <p><b>Rinnai</b></p>	<p><b><a href="#">Rinnai Continuous Flow Hot Water Unit Troubleshooting Guide</a></b></p> <p>A comprehensive guide to diagnosing and resolving no hot water issues with Rinnai Continuous Flow hot water units. Covers checks for power, water flow, strainers, fixtures, and gas supply.</p>