

## Electrolux EI16DDPRKS

# Electrolux Downdraft 1,600 CFM Remote Blower Instruction Manual

Model: EI16DDPRKS

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Electrolux Downdraft 1,600 CFM Remote Blower, Model EI16DDPRKS. Please read these instructions thoroughly before installation and use, and retain them for future reference.

## 2. SAFETY INFORMATION

Your safety and the safety of others are very important. We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.

- **WARNING:** To reduce the risk of fire, electric shock, or injury to persons, observe the following:
- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back-drafting.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Ducted fans must always be vented to the outdoors.
- Do not use this unit with any external solid-state speed control device.
- Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally.

## 3. SETUP AND INSTALLATION

The Electrolux Downdraft Remote Blower is designed for integration with compatible 36-inch gas or electric cooktops. Professional installation is highly recommended.

### 3.1 Unpacking

Carefully remove all packaging materials. Inspect the blower for any shipping damage. Do not discard packaging until you are satisfied with the product's condition.

## 3.2 Location Requirements

- The remote blower should be installed in an accessible location that allows for proper ducting to the exterior.
- Ensure adequate clearance around the blower for maintenance and airflow.
- Consult local building codes for specific ventilation requirements.

## 3.3 Electrical Connection

This appliance requires a dedicated electrical circuit. Refer to the wiring diagram provided with the unit for specific electrical requirements. All electrical connections must comply with local codes and ordinances.

## 3.4 Ducting

Proper ducting is crucial for optimal performance. Use rigid metal ductwork of the appropriate size (typically 8-inch round) to minimize air resistance. Avoid using flexible ductwork, as it can significantly reduce airflow efficiency.



**Figure 1:** Electrolux Downdraft Remote Blower (Model EI16DDPRKS). This image displays the top view of the blower unit, highlighting the circular duct connection point and the durable stainless steel casing. The internal fan blades are visible through the opening.

## 4. OPERATING INSTRUCTIONS

The Electrolux Downdraft Remote Blower operates in conjunction with your compatible downdraft cooktop system. The blower is activated and controlled via the controls on your cooktop.

- **Power On/Off:** The blower will typically power on or off with the downdraft ventilation system on your cooktop.
- **Speed Control:** Adjust the fan speed using the dedicated controls on your cooktop. Higher speeds are recommended for strong odors or high-heat cooking.
- **Optimal Use:** For best results, turn on the downdraft system a few minutes before you begin cooking and allow it to run for several minutes after cooking is complete to clear residual smoke and odors.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your blower.

## 5.1 Cleaning Filters

Refer to your cooktop's instruction manual for details on cleaning or replacing the downdraft filters. Clean filters are essential for efficient air extraction.

## 5.2 Exterior Cleaning

The exterior of the remote blower can be wiped with a damp cloth and mild detergent. Ensure the power is disconnected before cleaning.

## 5.3 Internal Inspection

Periodically, a qualified technician should inspect the internal components and ductwork for grease buildup or obstructions. This is not a user-serviceable task.

# 6. TROUBLESHOOTING

Before contacting service, review these common issues and solutions.

Problem	Possible Cause	Solution
Blower does not turn on.	No power supply. Cooktop controls not activated.	Check circuit breaker. Ensure cooktop downdraft system is turned on.
Poor ventilation performance.	Clogged filters. Obstruction in ductwork. Incorrect duct size.	Clean or replace filters. Inspect ductwork for blockages (professional service recommended). Verify ducting meets specifications.
Excessive noise.	Loose components. Obstruction in blower fan. Improper installation.	Contact a qualified technician for inspection.

If troubleshooting steps do not resolve the issue, contact Electrolux customer support or a qualified service technician.

# 7. SPECIFICATIONS

- **Brand:** Electrolux
- **Model:** EI16DDPRKS
- **Airflow Capacity:** 1,600 CFM (Cubic Feet per Minute)
- **Installation Type:** Remote Downdraft Blower
- **Material:** Stainless Steel
- **Compatibility:** Designed for 36-inch Electrolux gas or electric cooktops.
- **Included Components:** Blower unit only.

# 8. WARRANTY INFORMATION

This Electrolux appliance is covered by the **Platinum Star Limited Warranty**. This exclusive warranty

includes:

- **3-Year Coverage on Parts:** All parts are covered for three years from the original purchase date.
- **1-Year Coverage on Labor:** Labor costs associated with repairs are covered for one year from the original purchase date.

For full terms and conditions, please refer to the warranty card included with your product or visit the official Electrolux website.

## 9. SUPPORT AND SERVICE

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For technical assistance, service scheduling, or to order replacement parts, please contact Electrolux Customer Service.

- **Online Support:** Visit the official Electrolux website for FAQs, troubleshooting guides, and product registration.
- **Telephone Support:** Refer to your product registration materials or the Electrolux website for the most current contact numbers.
- When contacting support, please have your model number (EI16DDPRKS) and serial number readily available.