

## HELLER HEX250L

# Heller 250mm Extractor Bathroom/Laundry Exhaust Fan with LED Light User Manual

Model: HEX250L

## 1. INTRODUCTION

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Thank you for purchasing the Heller 250mm Extractor Bathroom/Laundry Exhaust Fan with LED Light. This manual provides important information regarding the installation, operation, and maintenance of your new exhaust fan. Please read this manual thoroughly before installation and retain it for future reference.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury.

- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- This appliance is suitable for ceiling installation only. Do not install on walls.
- Do not use this fan with any solid-state speed control device.
- Ensure proper grounding to reduce the risk of electric shock.
- Keep foreign objects away from the fan blades during operation.
- The LED light is integrated and not user-replaceable.

## 3. PACKAGE CONTENTS

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Verify that all components are present before beginning installation:

- Heller 250mm Extractor Bathroom/Laundry Exhaust Fan with LED Light unit
- Removable Grille
- Cut-out Template
- Cord (integrated)

- User Manual (this document)



Figure 3.1: Heller 250mm Extractor Fan with LED Light. This image displays the fan's circular design, featuring a white outer casing and black internal blades, with the Heller brand name visible in the center.

## 4. SETUP AND INSTALLATION

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This product is designed for DIY installation, but electrical connections should be made by a qualified professional.

### 4.1 Pre-Installation Checklist

- Ensure the ceiling space has a minimum clearance of 100mm above the unit for proper ventilation.
- The fan requires a cut-out size of Ø290mm. Use the provided cut-out template.
- Verify power supply is 220-240V.
- Confirm the installation location is suitable for a bathroom, ensuite, or laundry room.

## 4.2 Installation Steps

1. **Disconnect Power:** Turn off power at the main circuit breaker before starting any electrical work.
2. **Prepare Opening:** Using the provided cut-out template, mark and cut a Ø290mm hole in the ceiling.
3. **Position Fan:** Insert the fan unit into the prepared ceiling opening. Ensure it is securely seated. The maximum height of the unit is 154mm, with 128mm above the ceiling.
4. **Electrical Connection:** Connect the fan's cord to the main power supply. This step *must* be performed by a qualified electrician. Ensure all connections are secure and properly insulated.
5. **Secure Unit:** Use appropriate fasteners (not supplied) to secure the fan housing to the ceiling joists or framing.
6. **Attach Grille:** Once the fan is securely installed and wired, attach the removable grille by aligning it with the fan housing and snapping it into place.
7. **Restore Power:** Once installation is complete and all connections are checked, restore power at the main circuit breaker.

## 5. OPERATING INSTRUCTIONS

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The Heller exhaust fan is designed for simple operation.

- **Power On/Off:** The fan and LED light are typically controlled by a standard wall switch connected during installation. Flip the switch to turn the unit on or off.
- **Ventilation:** Allow the fan to operate for a sufficient period after showering or bathing to effectively remove moisture and odors from the room.
- **LED Light:** The integrated 8W LED light provides energy-efficient illumination (up to 6000K). It operates concurrently with the fan.

## 6. MAINTENANCE

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Regular cleaning will ensure optimal performance and longevity of your exhaust fan.

### 6.1 Cleaning the Grille and Fan Blades

1. **Disconnect Power:** Always turn off power to the fan at the circuit breaker before cleaning.
2. **Remove Grille:** Gently pull down or unclip the removable grille from the fan housing.
3. **Clean Grille:** Wash the grille with mild soap and water. Rinse thoroughly and allow it to dry completely before reattaching.
4. **Clean Fan Blades:** Carefully wipe the fan blades and interior housing with a damp cloth. Do not use abrasive cleaners or solvents. Ensure no water enters the motor housing.
5. **Reattach Grille:** Once clean and dry, reattach the grille to the fan housing.
6. **Restore Power:** Restore power at the circuit breaker.

**Note:** The motor is a ball bearing type and does not require lubrication. The LED light is not user-serviceable.

## 7. TROUBLESHOOTING

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If you experience issues with your exhaust fan, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply. Loose wiring connection. Faulty wall switch.	Check circuit breaker. Have a qualified electrician check wiring. Test or replace wall switch.
Fan is noisy.	Fan blades are dirty or obstructed. Loose mounting.	Clean fan blades and grille. Ensure fan is securely mounted to the ceiling.
Poor air extraction.	Blocked airflow. Fan blades are dirty.	Check for obstructions in the ducting (if applicable). Clean fan blades and grille.
LED light not working.	No power supply. Faulty LED module.	Check circuit breaker. Contact customer support for assistance (LED is not user-replaceable).

If the problem persists after attempting these solutions, please contact Heller customer support.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	HEX250L
Brand	HELLER
Fan Size	Ø243mm
Cut-out Size	Ø290mm
Wattage (Total)	58W
Motor Wattage	50W
LED Light	1 x 8W LED (up to 6000K, 506 Lumens)
Voltage	220-240V
Air Flow	500m³/h
RPM	1250 r/min
IP Rating	IPX2
Maximum Height	154mm (128mm above ceiling)
Clearance Required Above Unit	100mm
Housing Material	Plastic (PP)
Motor Type	Ball Bearing
Installation Type	Ceiling (DIY with professional electrical connection)
Suitable Room Types	Bathroom, Ensuite, Laundry



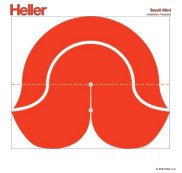
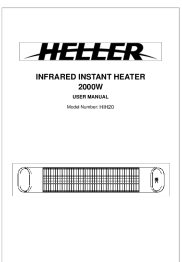
## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Heller customer service. Keep your proof of purchase for any warranty claims.

**Contact Information:** Please refer to the Heller official website or your purchase documentation for the most current contact details.

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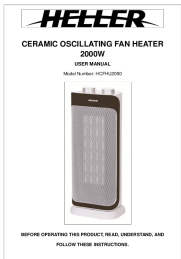
### Related Documents - HEX250L

	<p><a href="#">Heller 40cm Desk Fan Instruction Manual (Model HHDF40SG)</a></p> <p>Instruction manual for the Heller 40cm Desk Fan, Model HHDF40SG. Includes operating instructions, safety precautions, care and cleaning guidelines, specifications, and assembly steps.</p>
	<p><a href="#">Heller HCF1500 Ceramic Oscillating Fan Heater 1500W User Manual</a></p> <p>User manual for the Heller HCF1500 Ceramic Oscillating Fan Heater. Includes important safety instructions, product features, operating instructions, thermostat and oscillation controls, tip-over and overheat protection, cleaning and maintenance, storage, specifications, and customer service information.</p>
	<p><a href="#">Heller Swell Mini Wall Organizer Installation Guide</a></p> <p>Step-by-step instructions and essential tips for installing your Heller Swell Mini wall organizer. Includes guidance on using the provided template and ensuring a secure mount.</p>
	<p><a href="#">Heller HIH20 Infrared Instant Heater 2000W User Manual</a></p> <p>User manual for the Heller HIH20 Infrared Instant Heater 2000W, providing comprehensive safety instructions, assembly guidance, operating procedures, and maintenance tips for optimal performance and longevity.</p>



[Heller Ice Maker HIM10 User Manual](#)

User manual for the Heller Ice Maker, Model HIM10. Provides important safety information, operating instructions, troubleshooting tips, and specifications for this household appliance.



[Heller HCFHU2000 Ceramic Oscillating Fan Heater 2000W User Manual](#)

User manual for the Heller HCFHU2000 Ceramic Oscillating Fan Heater 2000W, providing essential safety instructions, operation guidance, features, and technical specifications for optimal use.