

# READ AND SAVE THESE INSTRUCTIONS

**APPROVED FOR RESIDENTIAL APPLIANCES  
FOR RESIDENTIAL USE ONLY  
READ AND SAVE THESE INSTRUCTIONS**

PLEASE READ ENTIRE INSTRUCTIONS BEFORE PROCEEDING.  
INSTALLATION MUST COMPLY WITH ALL LOCAL CODES.  
**IMPORTANT:** Save these Instructions for the Local Electrical Inspector's use.  
**INSTALLER:** Please leave these Instructions with this unit for the owner.  
**OWNER:** Please retain these instructions for future reference.  
**Safety Warning:** Turn off power circuit at service panel and lock out panel, before wiring this appliance.  
**Requirement:** 120V, 60 Hz, 15 or 20 A Branch Circuit

Removing the packaging  
**CAUTION!**

Remove carton carefully, Wear gloves to protect against sharp edges.

**WARNING!**

Remove the protective film covering the product before putting into operation.



**Range Hood** EIL640DW, EIL640WH

**Rated Voltage:** 120 V~

**Frequency:** 60 Hz

**Power consumption:** 478 W

**Current consumption:** 4 A

**Number:** 1 piece.

**Made in Italy**

**Manufactured by:** Elica SPA

**Imported by :** ELICAMEX S.A. de C.V.

**Address:** Av. La Noria No. 102 int. S/N, Col. Parque Industrial Querétaro

Del. Santiago de Querétaro, C.P. 76220 Querétaro, R.F.C. EI060102RK8

**Note:** The parts marked with the symbol "(\*)" are optional accessories supplied only with some models or otherwise not supplied, but available for purchase.



## Important safety Notice

### CAUTION

**FOR GENERAL VENTILATING USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS OR VAPOURS.**

### WARNING

**TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

- A. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- B. Before servicing or cleaning the unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

### WARNING

**TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

- A. Installation Work and Electrical Wiring Must Be Done By Qualified Person(s) In Accordance With All Applicable Codes & Standards, Including Fire-rated Construction.
- B. Sufficient air is needed for proper combustion and exhausting of gases through the flue (Chimney) of fuel burning equipment to prevent back-drafting. Follow the heating equipment manufacturers guideline and safety standards such as those published by the National Fire Protection Association (NFPA), the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- C. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- D. Ducted systems must always be vented to the outdoors.

### CAUTION

**To reduce risk of fire and to properly exhaust air, be sure to duct air outside - do not vent exhaust air into spaces within walls, ceilings, attics, crawl spaces, or garages.**

### WARNING

**TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCT WORK.**

Install this hood in accordance with all requirements specified.

## **WARNING**

**To Reduce The Risk Of Fire Or Electric Shock, Do Not Use This Hood With Any External Solid State Speed Control Device.**

## **WARNING**

**TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE.**

- a) Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
- b) Always turn hood ON when cooking at high heat or when flambing food (I.e. Crepes Suzette, Cherries Jubilee, Peppercorn Beef Flambe').
- c) Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
- d) Use proper pan size. Always use cookware appropriate for the size of the surface element.

## **WARNING**

**TO REDUCE THE RISK OF INJURY TO PERSONS, IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING<sup>a</sup>:**

- a) SMOTHER FLAMES with a close-fitting lid, cookie sheet, or other metal tray, then turn off the gas burner or the electric element. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.
- b) NEVER PICK UP A FLAMING PAN - you may be burned.
- c) DO NOT USE WATER, including wet dishcloths or towels - a violent steam explosion will result.
- d) Use an extinguisher **ONLY** if:
  - 1) You know you have a class ABC extinguisher, and you already know how to operate it.
  - 2) The fire is small and contained in the area where it started.
  - 3) The fire department is being called.
  - 4) You can fight the fire with your back to an exit.

<sup>a</sup>Based on "Kitchen Firesafety Tips" published by NFPA.

## **OPERATION**

a. Always leave safety grills and filters in place. Without these components, operating blowers could catch onto hair, fingers and loose clothing.

The manufacturer declines all responsibility in the event of failure to observe the instructions given here for installation, maintenance and suitable use of the product. The manufacturer further declines all responsibility for injury due to negligence and the warranty of the unit automatically expires due to improper maintenance.

- This device is not intended for use by persons (including children) whose physical, sensory or mental abilities are different or reduced, or who lack experience or knowledge unless such persons receive

supervision or training for the operation of the device by a person responsible for your safety.

- Children should be supervised to ensure they do not use the devices as a toy.
- Do not flame food under the kitchen hood.
- There must be adequate ventilation in the room, when the range hood is used at the same time as appliances that consume gas or other fuels. (DOES NOT APPLY FOR RANGEHOODS THAT ARE ONLY RECYCLING MODE).
- There is a risk of fire, if the cleaning is not carried out in accordance with the instructions.
- The discharge air must not be sent through a duct that is used to evacuate fumes from appliances that consume gas or other fuels. (DOES NOT APPLY FOR RANGEHOODS THAT ARE ONLY RECYCLING MODE).
- Must be complied with regulations relate to the evaluation of the air discharge.
- In the event that your power cord is damaged in part or in full, do not try to repair it by contacting the service center marked on your warranty or by a specialist technician for replacement.

# Electrical & Installation requirements

## Electrical requirements

### IMPORTANT

Observe all local codes and ordinances.

It is the customer's responsibility:

To contact a qualified electrical installer.

To assure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 — latest edition\*, or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No.0-M91 - latest edition\*\* and all local codes and ordinances.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

### GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current.

**WARNING** – Improper grounding can result in a risk of electric shock.

Consult a qualified electrician if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

Do not ground to a gas pipe.

Check with a qualified electrician if you are not sure range hood is properly grounded.

Do not have a fuse in the neutral or ground circuit.

### IMPORTANT

Save Installation Instructions for electrical inspector's use.

The range hood should be connected directly to the fused disconnect (Or circuit breaker).

Wire sizes must conform to the requirements of the National Electrical Code ANSI/NFPA 70 — latest edition\*, or CSA Standards C22.1-94, Canadian Electrical Code Part 1 and C22.2 No. 0-M91 - latest edition\*\* and all local codes and ordinances.

Copies of the standards listed may be obtained from:

\* National Fire Protection Association Batterymarch Park Quincy, Massachusetts 02269

\*\* CSA International 8501 East Pleasant Valley Road Cleveland, Ohio 44131-5575

## Before installing the hood

1. For the most efficient air flow exhaust, use a straight run or as few elbows as possible.  
**CAUTION:** Vent unit to outside of building, only.
2. At least two people are necessary for installation. Wear gloves to protect against sharp edges.
3. Fittings material is provided to secure the hood to most types of walls/ceilings, consult a Qualified Installer, check if they perfectly fit with your cabinet/wall.
4. COLD WEATHER installations should have an additional backdraft damper installed to minimize backward cold air flow and a nonmetallic thermal break to minimize conduction of outside temperatures as part of the ductwork. The damper should be on the cold air side of the thermal break. The break should be as close as possible to where the ducting enters the heated portion of the house.
5. Make up air: Local building codes may require the use of Make-Up Air Systems when using Ducted Ventilation Systems greater than specified CFM of air movement. The specified CFM varies from locale to locale. Consult your HVAC professional for specific requirements in your area.

## Do not install insulation within 76 mm (3 in) of any part of the rangehood.

### Check of the ceiling

The ceiling must be flat, horizontal, sturdy enough, and resistant

#### Warnings

The hood is designed to be installed in a dropped ceiling

The dropped ceiling must be sturdy and have a load-bearing capacity suitable for a product with max. weight of **28 Kg (model with steel panel)** or **30 Kg (model with glass panel)**.

Do not install the hood directly in the dropped ceiling panels, but use a suitable frame or support.

## Use

The hood is designed to be used for exhausting version.

In this case the fumes are conveyed outside of the building by means of a special pipe connected with the connection ring located on top of the hood.

### CAUTION!

The exhausting pipe is not supplied and must be purchased apart. Diameter of the exhausting pipe must be equal to that of the connection ring.

### CAUTION!

If the hood is supplied with active charcoal filter, then it must be removed.

Connect the hood and discharge holes on the walls with a diameter equivalent to the air outlet (connection flange). Using the tubes and discharge holes on walls with smaller dimensions will cause a diminution of the suction performance and a drastic increase in noise.

Any responsibility in the matter is therefore declined.

- ! Use a duct of the minimum indispensable length.
- ! Use a duct with as few elbows as possible (maximum elbow angle: 90°).
- ! Avoid drastic changes in the duct cross-section.

## Installation

**Specialised personnel must carry out both the electrical and the mechanical installation.**

Do not cut a joist or stud unless absolutely necessary. If a joist or stud must be cut, then a supporting frame must be constructed.

Fittings material is provided to secure the hood to most types of walls/ceilings.

However, a qualified technician must verify suitability of the materials in accordance with the type of wall/ceiling.

Before making cutouts, make sure there is proper clearance within the ceiling or wall for exhaust vent.

Hood installation height above cooktop is the users preference. The lower the hood is above the cooktop, the more efficient the capturing of cooking odors, grease and smoke.

**CAUTION: FOR GAS RANGES  
INSTALLATION: MOUNT THIS HOOD SO THAT THE BOTTOM EDGE IS AT 39" (99 CM) ABOVE THE COOKING SURFACE.  
FOR ELECTRIC RANGES INSTALLATION:  
MOUNT THIS HOOD SO THAT THE BOTTOM EDGE IS NOT LESS THAN 30" (76,2 CM) ABOVE THE COOKING SURFACE.**

**HOUSEHOLD USE. PLEASE, READ INSTALLATION MANUAL FOR SPECIFIC APPLICATION.**

**Check your ceiling height and the hood height maximum before you select your hood.**

**Consult last pages of this manual for installation instruction and electrical connection steps.**

## Installation of gypsum board panels (For certain models only)

Fig. 22

**CAUTION: Installation must be performed exclusively by qualified installers.**

FOR THE INSTALLER: responsibility for installation of the hood, including verification of the conformity of the assembly kit eventually supplied with the product, rests exclusively with the installer.

Below is a non-exhaustive list of instructions, useful to the installer (who should use a professional gypsum board installer) to install the gypsum board:

- Use fireproof gypsum board panels (type X fire rated gypsum board complying with ASTM E84), suitable for the operating conditions in terms of temperature (at least 80°C) and humidity (at least 93%) reached during application;
- the total weight of the gypsum board should not exceed 4kg;
- fix the gypsum board to the hood using the fixing points already inserted in the extractor panel;
- to fix the gypsum board, use suitable mechanical components (not included in the assembly kit).

Elica denies all liability for damage to persons or property resulting from incorrect installation of the gypsum board and/or product.

## Operation



This product is designed to work with an Elica remote control, either supplied with the product or purchased separately as an optional.

To control the hood via remote control, the affiliation procedure must be carried out.

### CAUTION!

To begin, the hood must be disconnected and then reconnected to the power supply and the affiliation procedure must be carried out within the first minute of connection to the power.

Read the instructions supplied with the remote control, which provide detailed instructions on affiliation and correct use.

**Note:** the **Speed 4** (and the **Speed 5**, where applicable) if selected, will activate for a limited period of time after which **Speed 2** is automatically enabled.

### Remote control connection (if applicable)

Once the remote control has been connected, this will be displayed on the hood: both LEDs flash.

**Note:** Using the remote control, delayed shut-down can be programmed based on the aspiration speed (power) enabled at that moment:

**Speed 1** (low aspiration): 20 minutes

**Speed 2** (medium aspiration): 15 minutes

**Speed 3** (high aspiration): 10 minutes

### Filter Saturation indicator lights

At regular intervals, the LEDs on the hood indicate the need to carry out filter maintenance.

**Note:** The filter saturation signal is visible for a few seconds when the hood is switched on; within this time, the saturation indicator lights must be reset.

Flashing Green LED: carry out maintenance on the grease filter.

Red flashing LED: carry out maintenance on the charcoal filter (only for hoods operating in "Filtration Version").

**Note:** Run the "RESET FILTRES" command via the remote control.

### Activating/deactivating the filter saturation indicator light

**Note:** Run the procedure with the hood switched off. The charcoal filter saturation indicator light is usually deactivated.

If no control is given within maximum 10 sec, the hood

automatically exits this function, at any time, and returns to the previous state.

Press and hold the **B+C** keys (Simultaneously) to enter the setup menu:

Briefly press button **C** to select the filter to be set up:

**Grease filter:** Green

**Charcoal filter:** Red

Briefly press button **B** to activate (the 2nd LED flashing) or deactivate (2nd LED off).

**Note:** the LEDs light up for a limited number of seconds after which they turn off to indicate that the indicator light has been activated (or deactivated).

## User Servicing and Maintenance Instructions

### Cleaning

Clean using **ONLY** a cloth dampened with neutral liquid detergent. **DO NOT CLEAN WITH TOOLS OR INSTRUMENTS.** Do not use abrasive products. **DO NOT USE ALCOHOL!**

### Panel

#### Fig. 3-17

The panel for perimeter suction should always be left closed and should only be opened in case of maintenance interventions (eg cleaning or replacing filters).

### Grease filter

#### Fig. 3-17

#### Traps cooking grease particles.

This must be cleaned once a month (or when the filter saturation indication system – if envisaged on the model in possession – indicates this necessity) using non aggressive detergents, either by hand or in the dishwasher, which must be set to a low temperature and a short cycle.

When washed in a dishwasher, the grease filter may discolor slightly, but this does not affect its filtering capacity.

To remove the grease filter, pull the spring release handle.

### Replacing lamps 2x14 W LED

The hood is equipped with a lighting system based on LED technology.

The LEDs guarantee an optimum lighting, a duration up to 10 times longer than the traditional lamps and allow to save 90% electrical energy.

For replacement, contact the technical service.

## Warranty

# ***ELICA North America* TWO-YEARS LIMITED WARRANTY**

## **TO OBTAIN SERVICE UNDER WARRANTY**

Owner must present proof of original purchase date. Please keep a copy of your dated proof of purchase (sales slip) in order to obtain service under warranty.

## **PARTS AND SERVICE WARRANTY**

For the period of two (2) years from the date of the original purchase, Elica will provide free of charge, non consumable parts or components that failed due to manufacturing defects. During these two (2) years limited warranty, Elica will also provide free of charge, all labor and in-home service to replace any defective parts.

## **WHAT IS NOT COVERED**

- Damage or failure to the product caused by accident or act of God, such as, flood, fire or earthquake.
- Damage or failure caused by modification of the product or use of non-genuine parts.
- Damage or failure to the product caused during delivery, handling or installation.
- Damage or failure to the product caused by operator abuse.
- Damage or failure to the product caused by dwelling fuse replacement or resetting of circuit breakers.
- Damage or failure caused by use of product in a commercial application.
- Service trips to dwelling to provide use or installation guidance.
- Light bulbs, metal or carbon filters and any other consumable part.
- Normal wear of finish.
- Wear to finish due to operator abuse, improper maintenance, use of corrosive or abrasive cleaning products/pads and oven cleaner products.

## **WHO IS COVERED**

This warranty is extended to the original purchaser for products purchased for ordinary residential use in North America (Including the United States, Guam, Puerto Rico, US Virgin Islands & Canada).

This warranty is non-transferable and applies only to the original purchaser and does not extend to subsequent owners of the product. This warranty is made expressly in lieu of all other warranties, expressed or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose and all other obligations on the part of Elica North America, provided, however, that if the disclaimer of implied warranties is ineffective under applicable law, the duration of any implied warranty arising by operation of law shall be limited to two (2) years from the date of original purchase at retail or such longer period as may be required by applicable law.

This warranty does not cover any special, incidental and/or consequential damages, nor loss of profits, suffered by the original purchaser, its customers and/or the users of the Products.

## **WHO TO CONTACT**

To obtain service under Warranty or for any Service Related Question:

- Elica North America Authorized Service - (714) 428-0046
- [elica@servicepower.com](mailto:elica@servicepower.com)