

## Italiana Camini e680770

# Italiana Camini Idro Point Pellet Oven e680770 User Manual

Model: e680770

## 1. INTRODUCTION AND OVERVIEW

Thank you for choosing the Italiana Camini Idro Point Pellet Oven, model e680770. This advanced pellet oven is designed to provide efficient and comfortable heating for your home. With an 11 kW nominal power output, it can effectively heat spaces up to 295 m<sup>3</sup>. The Idro Point features a modern design, high-quality construction, and a grey ceramic coating. It operates using wood pellets, offering an economical and environmentally friendly heating solution.

Key features include an integrated 14 kg pellet hopper with an automatic feed system, electronic combustion control, and an integrated thermostat to maintain a consistent room temperature. The top-mounted control panel allows for easy adjustment of settings, including weekly programming and automatic on/off functions. This pellet oven can be seamlessly integrated into existing central heating systems, providing heat to radiators and underfloor heating, and can also be connected for domestic hot water production. An infrared remote control is included for convenient operation.

## 2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before installation, operation, or maintenance of the pellet oven. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Installation:** The oven must be installed by qualified personnel in accordance with local and national building codes and regulations. Ensure proper ventilation and chimney connection.
- **Fuel:** Only use approved wood pellets as fuel. Do not use other materials such as trash, cardboard, or liquid fuels, as this can cause fire or damage to the oven.
- **Hot Surfaces:** The exterior surfaces of the oven become very hot during operation. Avoid contact with hot surfaces to prevent burns. Keep children and pets away from the operating oven.
- **Clearances:** Maintain adequate clearances from combustible materials as specified in the installation manual.
- **Ventilation:** Ensure proper air supply for combustion and adequate ventilation to prevent carbon monoxide buildup.
- **Maintenance:** Regular cleaning and maintenance are crucial for safe and efficient operation. Disconnect power before performing any maintenance.
- **Emergency:** In case of fire, evacuate the area and call emergency services. Do not use water on a pellet fire.

The oven door handle is designed for safe operation. Always use caution when opening the door during or after operation.

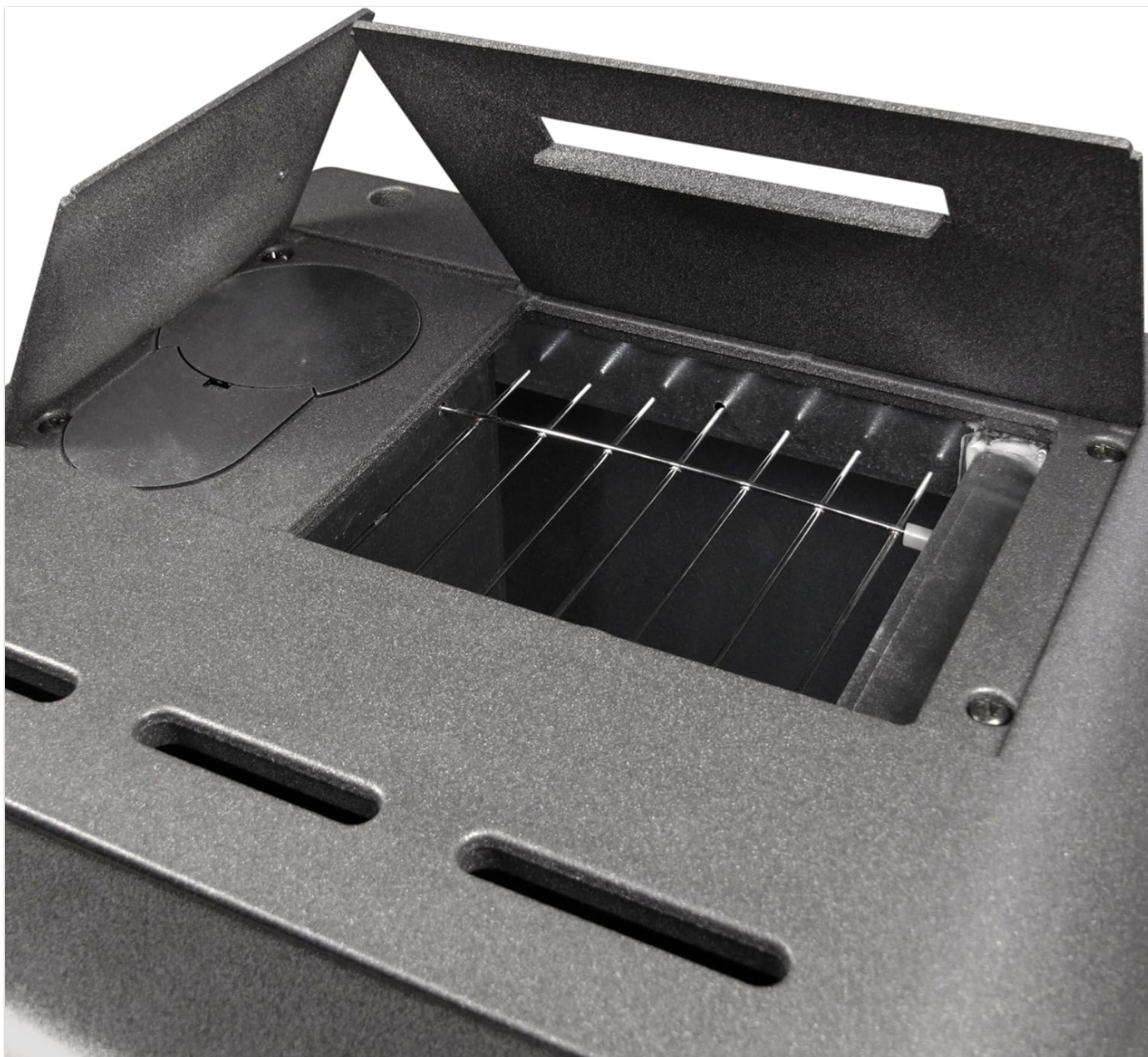


Figure 2.1: Oven Door Handle

### 3. PACKAGE CONTENTS

Upon unpacking, please verify that all components are present and undamaged. The standard package for the Italiana Camini Idro Point Pellet Oven e680770 typically includes:

- Italiana Camini Idro Point Pellet Oven (e680770)
- Infrared Remote Control
- User Manual (this document)
- Installation Guide (separate document, if applicable)

If any items are missing or damaged, please contact your retailer immediately.

### 4. SETUP

Proper installation is critical for the safe and efficient operation of your Idro Point pellet oven. It is highly recommended that installation be performed by a certified technician.

## 4.1 Placement and Clearances

Select a suitable location for the oven, ensuring it is on a non-combustible surface and maintains the minimum clearances from combustible materials as specified in the detailed installation manual. Ensure adequate air circulation around the unit.

## 4.2 Chimney and Flue Connection

Connect the oven to a suitable chimney or flue system according to local regulations. The chimney must be clean, properly sized, and in good condition to ensure efficient exhaust of combustion gases.

## 4.3 Water and Electrical Connections

The Idro Point pellet oven is designed for integration with existing central heating systems. Connect the oven to your heating system's water circuit (radiators, underfloor heating) and potentially to your domestic hot water system, following the plumbing diagrams in the installation guide. Connect the oven to a grounded electrical outlet (230V, 50Hz) as indicated on the product label.



Figure 4.1: Rear Connections of the Oven

## 4.4 Initial Pellet Loading

Open the pellet hopper lid located on the top of the oven. Carefully pour wood pellets into the hopper, ensuring no foreign objects enter. The hopper has a capacity of 14 kg.



Figure 4.2: Pellet Hopper Opening

## 5. OPERATING INSTRUCTIONS

This section details the basic steps for operating your Idro Point pellet oven.

### 5.1 Control Panel Overview

The main control panel is located on the top surface of the oven. It features a display and several buttons for managing the oven's functions.

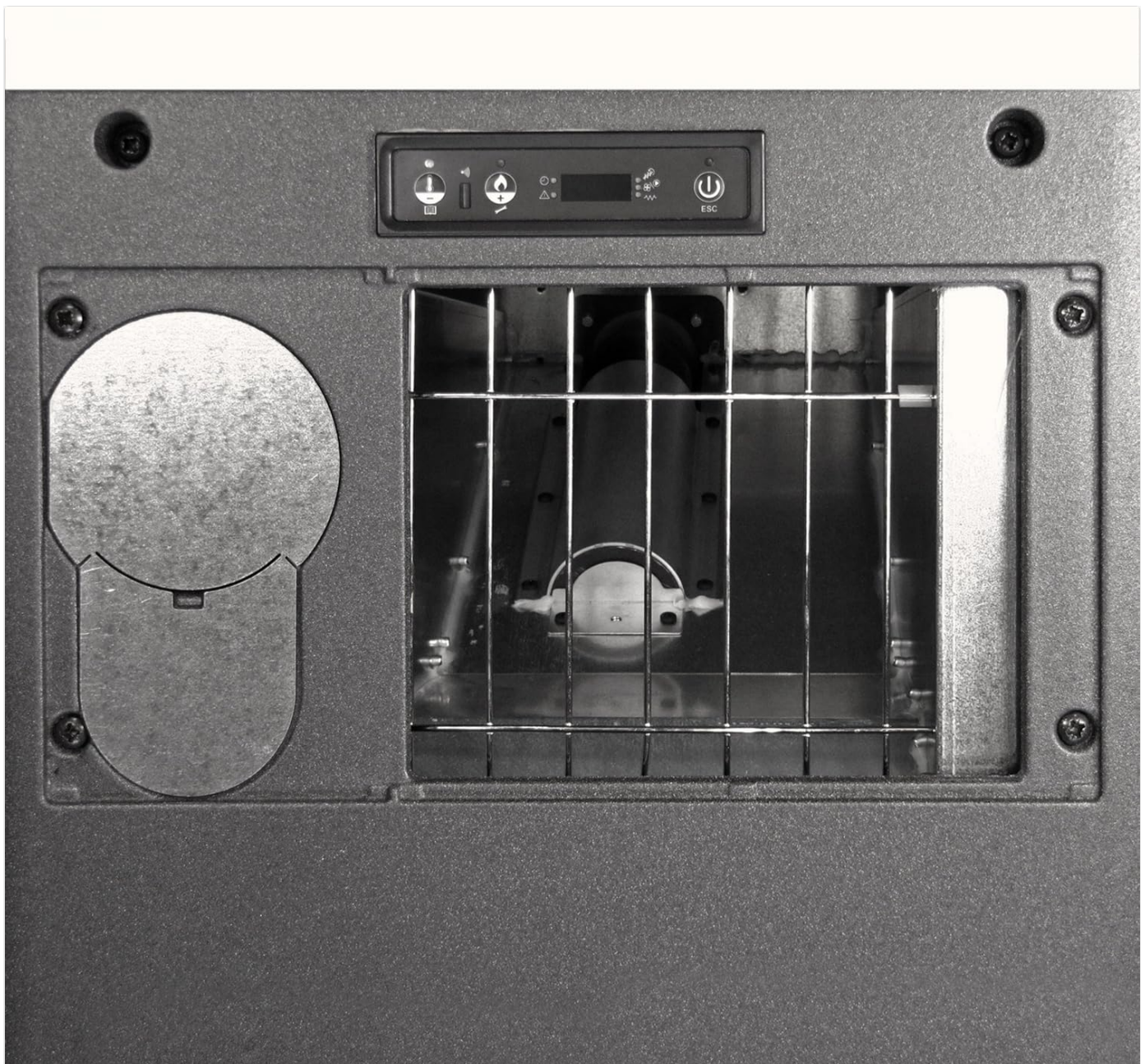


Figure 5.1: Top Control Panel

## 5.2 Powering On/Off

- **To Power On:** Press and hold the power button (usually marked with a universal power symbol) on the control panel or remote control until the oven initiates its startup sequence. The display will show the current status.
- **To Power Off:** Press and hold the power button. The oven will enter a shutdown cycle, which includes a cooling phase. Do not disconnect power until the shutdown cycle is complete.

## 5.3 Setting Temperature

Use the arrow buttons on the control panel or remote control to adjust the desired room temperature. The integrated thermostat will automatically regulate pellet feed and combustion to maintain this temperature.

## 5.4 Programming Functions

The control panel allows for advanced programming, including:

- **Weekly Programming:** Set specific on/off times and desired temperatures for different days of the week.
- **Automatic On/Off:** Schedule the oven to turn on or off at predetermined times.

Refer to the detailed programming section in the full manual for step-by-step instructions.

## 5.5 Pellet Feed System

The oven features an integrated extraction screw that automatically regulates the pellet feed from the hopper to the combustion chamber, ensuring consistent and efficient burning.



Figure 5.2: Pellet Hopper and Feed Mechanism

## 6. MAINTENANCE

Regular maintenance ensures the longevity, efficiency, and safe operation of your pellet oven. Always ensure the oven is completely cool and disconnected from power before performing any maintenance.

### 6.1 Daily/Weekly Cleaning

- **Ash Removal:** Use a vacuum cleaner designed for ash to remove ash from the combustion chamber, burner pot, and ash pan.
- **Burner Pot Cleaning:** Ensure the holes in the burner pot are clear of any ash or clinker buildup to allow proper airflow.
- **Glass Cleaning:** Clean the inside of the oven glass with a specialized glass cleaner for wood stoves when the oven

is cold.



Figure 6.1: Combustion Chamber and Burner Pot

## 6.2 Seasonal Maintenance

- **Chimney Cleaning:** Have your chimney and flue pipes inspected and cleaned by a professional at least once a year, or more frequently depending on usage.
- **General Inspection:** Check all seals, gaskets, and connections for wear or damage. Replace as necessary.
- **Component Check:** Inspect the pellet feed system, igniter, and fans for proper operation.

## 7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For more complex problems, contact a qualified service technician.

### 7.1 Oven Does Not Ignite

- **Check Power:** Ensure the oven is plugged in and the circuit breaker has not tripped.
- **Pellet Level:** Verify there are enough pellets in the hopper.
- **Burner Pot:** Ensure the burner pot is clean and free of ash or clinker.
- **Igniter:** The igniter may be faulty. Contact service.

## 7.2 Low Heat Output

- **Thermostat Setting:** Check if the desired temperature setting is too low.
- **Pellet Quality:** Poor quality pellets can reduce heat output. Use recommended pellets.
- **Cleaning:** A dirty oven or flue can restrict airflow and reduce efficiency. Perform thorough cleaning.
- **System Integration:** Ensure proper flow in the central heating system if connected.

## 7.3 Excessive Smoke

- **Chimney Blockage:** A blocked or dirty chimney can cause smoke to back up. Have it professionally cleaned.
- **Air Supply:** Ensure adequate combustion air supply.
- **Pellet Quality:** Wet or poor-quality pellets can produce more smoke.

## 7.4 Error Codes

If an error code appears on the display, consult the full technical manual for specific code meanings and troubleshooting steps. In most cases, a service technician will be required.

# 8. SPECIFICATIONS

Feature	Specification
Brand	Italiana Camini
Model	e680770 (Idro Point)
Color	Grey
Nominal Power Output	11 kW
Heated Volume Capacity	Up to 295 m <sup>3</sup>
Pellet Hopper Capacity	14 kg
Control System	Electronic with integrated thermostat and programmable functions
Remote Control	Infrared included
Integration	Compatible with existing central heating systems (radiators, underfloor heating, domestic hot water)

# 9. WARRANTY AND SUPPORT

The Italiana Camini Idro Point Pellet Oven e680770 comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or warranty service, please contact your authorized Italiana Camini retailer or the manufacturer's customer service department. Ensure you have your product model number (e680770) and serial number ready when contacting support.