

STUFE A PELLETT ITALIA MA-BIC-14

STUFE A PELLETT ITALIA Marmolada 14 kW Ducted Pellet Stove User Manual

Model: MA-BIC-14

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your STUFE A PELLETT ITALIA Marmolada 14 kW Ducted Pellet Stove. Please read this manual thoroughly before installation or use and retain it for future reference. Proper adherence to these instructions will ensure optimal performance, longevity, and safety of your appliance.

2. SAFETY INFORMATION

Your safety and the safety of others are paramount. Always follow these basic safety precautions:

- **Professional Installation:** Installation must be performed by qualified personnel in accordance with local and national building and fire codes.
- **Fuel Type:** Use only wood pellets as fuel. Do not use gasoline, kerosene, or other flammable liquids.
- **Clearances:** Maintain adequate clearances from combustible materials as specified in the installation section.
- **Ventilation:** Ensure proper ventilation for combustion air and exhaust. Do not obstruct air inlets or outlets.
- **Hot Surfaces:** The stove surfaces become very hot during operation. Keep children, pets, and clothing away. Use heat-resistant gloves when handling components.
- **Ash Disposal:** Dispose of ashes in a metal container with a tight-fitting lid, away from combustible materials.
- **Power Supply:** Ensure the electrical supply matches the stove's requirements and is properly grounded.

3. PRODUCT OVERVIEW

The Marmolada 14 kW pellet stove is a high-efficiency, ducted heating solution designed for uniform heat distribution across multiple rooms. Its compact, flat design (30 cm deep) allows for seamless integration into various living spaces.

3.1. Components

Familiarize yourself with the main parts of your pellet stove:



Figure 1: Front view of the Marmolada 14 kW pellet stove, showcasing its sleek white and black design with the firebox visible.



Figure 2: Angled view highlighting the compact profile and the top-mounted control panel.



Figure 3: Detail of the intuitive LCD control panel for adjusting settings.



Figure 4: View inside the firebox, showing the combustion chamber and ash collection area.



Figure 5: Rear view illustrating the exhaust pipe connection and electrical input.

4. SETUP AND INSTALLATION

Installation of the Marmolada pellet stove requires careful attention to detail and adherence to safety standards. It is strongly recommended that installation be carried out by a certified professional.

4.1. Site Selection

- Choose a non-combustible, level surface capable of supporting the stove's weight (120 kg).
- Ensure sufficient clearance from walls and other combustible materials. Refer to local codes for specific requirements.
- Position the stove near an appropriate exhaust flue and electrical outlet.

4.2. Exhaust System Connection

- Connect the stove's 80 mm smoke outlet to a suitable chimney or flue system.
- Ensure all connections are sealed properly to prevent smoke leakage.
- The flue system must be regularly inspected and cleaned.

4.3. Electrical Connection

- Connect the stove to a grounded electrical outlet (wired power supply).

- Verify that the voltage and frequency match the stove's specifications.

4.4. Ducting System (for Ducted Models)

- Connect the stove's hot air outlets to the ducting system for heat distribution to other rooms.
- Ensure ducts are properly insulated and sealed to maximize efficiency.

5. OPERATING INSTRUCTIONS

The Marmolada pellet stove features an intuitive control panel for easy temperature and setting adjustments.

5.1. Initial Startup

1. **Fill Pellet Hopper:** Open the hopper lid and fill with high-quality wood pellets. The tank capacity is 15 kg.
2. **Power On:** Plug in the stove and turn on the main power switch.
3. **First Ignition:** Follow the instructions on the LCD control panel for the first ignition sequence. This typically involves a pre-heating phase and automatic pellet feeding.
4. **Ventilation:** The stove's ventilation system will automatically activate to distribute warm air.

5.2. Daily Operation

- **Temperature Control:** Use the control panel to set your desired room temperature. The stove will modulate its power output (5 speeds/powers) to maintain this setting.
- **Power Adjustment:** Manually adjust the heating power levels (min. 3.34 kW - max. 13.85 kW) as needed.
- **Fan Speed:** Adjust the fan speed to control the distribution of hot air.
- **Pellet Level:** Monitor the pellet level in the hopper and refill as necessary. The stove has an autonomy of up to 19 hours on a full tank, depending on power settings.

5.3. Programming

The Marmolada stove offers daily and weekly programming options:

- **Daily Programming:** Set specific on/off times and desired temperatures for each day.
- **Weekly Programming:** Create a heating schedule for the entire week, optimizing energy consumption and comfort.
- Refer to the detailed instructions in the control panel section of this manual for specific programming steps.

6. MAINTENANCE

Regular maintenance is crucial for the safe and efficient operation of your pellet stove.

6.1. Daily Maintenance

- **Ash Removal:** Empty the ash pan daily or as needed. Ensure the stove is completely cool before handling ashes.
- **Burn Pot Cleaning:** Clean the burn pot to remove any clinkers or unburnt pellets, ensuring proper airflow.

6.2. Weekly Maintenance

- **Glass Cleaning:** Clean the ceramic glass door with a specialized glass cleaner for pellet stoves when the stove is cold.
- **Heat Exchanger Cleaning:** Clean the heat exchanger tubes using the provided tool or a brush to maintain efficiency.

6.3. Seasonal Maintenance (Annual)

- **Chimney/Flue Cleaning:** Have the chimney and flue pipe professionally inspected and cleaned at least once a year.
- **Internal Inspection:** A qualified technician should inspect internal components, motors, and electrical connections.
- **Gasket Check:** Inspect door and glass gaskets for wear and replace if necessary to maintain an airtight seal.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your pellet stove. For problems not listed here, contact qualified service personnel.

Problem	Possible Cause	Solution
Stove does not ignite	No pellets in hopper; igniter failure; clogged burn pot; power issue.	Refill hopper; check igniter (contact service); clean burn pot; verify power supply.
Low heat output	Low power setting; poor quality pellets; clogged flue; dirty heat exchanger.	Increase power setting; use high-quality pellets; clean flue; clean heat exchanger.
Excessive smoke	Clogged flue; improper air settings; wet pellets.	Clean flue; adjust air settings; use dry pellets.
Stove shuts down unexpectedly	Overheating sensor triggered; no pellets; power interruption; safety sensor fault.	Allow stove to cool; refill hopper; check power; contact service if recurring.
Unusual noises	Fan obstruction; motor issue; loose components.	Inspect fans for obstructions; contact service for motor or internal component issues.

8. TECHNICAL SPECIFICATIONS

Below are the key technical specifications for the STUFE A PELLETT ITALIA Marmolada 14 kW Pellet Stove:

Feature	Specification
Model Number	MA-BIC-14
Manufacturer	STUFE A PELLETT ITALIA SRL
Dimensions (H x W x D)	102 x 103 x 30 cm (30P x 106l x 103H cm)
Weight (Empty)	120 kg
Color	White
Material	Alloy Steel
Power Output (Nominal)	14 kW
Useful Power (Min - Max)	3.34 kW - 13.85 kW
Heating Area Coverage	Up to 130 m ²
Combustion Efficiency (Min - Max)	90.2% - 91.4%
Pellet Consumption (Min - Max)	0.7 kg/h - 2.8 kg/h
Hopper Capacity	15 kg
Autonomy (Max)	19 hours
Electrical Absorption	150-360 W
Power Type	Wired Electric
Smoke Outlet Diameter	80 mm
Noise Level	34 dB
Display Type	LCD
Programming	Daily, Weekly
Special Features	Rapid heating, On/Off timer, Adjustable temperature, Energy-saving
Efficiency Class	A+

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. STUFE A PELLETT ITALIA is committed to providing quality products and support.

For technical assistance, spare parts, or service inquiries, please contact the authorized service center or your product supplier. When contacting support, please have your model number (MA-BIC-14) and purchase date available.

