

TMC 810 Soft WiFi

TMC 810 Soft WiFi Pellet Stove 9.20 kW User Manual

Model: 810 Soft WiFi

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your TMC 810 Soft WiFi Pellet Stove. Please read this manual thoroughly before installing or using the appliance. Retain this manual for future reference.

The TMC 810 Soft WiFi Pellet Stove is a high-efficiency heating appliance designed for residential use, featuring a maximum consumed power of 9.2 kW and a distributed power of 8.1 kW. It is equipped with WiFi connectivity for convenient control and has a pellet reservoir capacity of 17 kg.

2. SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information, consult a qualified installer, service agency, or the gas supplier.

- Always ensure adequate ventilation in the room where the stove is installed.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Keep combustible materials, such as furniture, drapes, and clothing, at a safe distance from the stove.
- Only use approved wood pellets as fuel. Do not use other fuels.
- Regularly inspect the chimney and flue pipes for blockages or damage.
- Ensure the stove is installed on a non-combustible floor or with appropriate floor protection.
- Children and pets should be kept at a safe distance from the hot surfaces of the stove.

3. PRODUCT OVERVIEW

The TMC 810 Soft WiFi Pellet Stove features a durable majolica coating and is designed for efficient heating of areas up to 80 m². Key components include the pellet hopper, combustion chamber, ash pan, control

panel, and exhaust system.



Figure 1: Front view of the TMC 810 Soft WiFi Pellet Stove. This image displays the anthracite-colored stove with its majolica coating, the glass door revealing a flame, and the top-mounted control panel.

4. SETUP AND INSTALLATION

Installation of the TMC 810 Soft WiFi Pellet Stove must be performed by a qualified technician in accordance with local building codes and regulations.

4.1 Unpacking

1. Carefully remove the stove from its packaging.
2. Inspect the stove for any signs of damage during transit. Report any damage immediately to your supplier.
3. Remove all packing materials from inside and around the stove.

4.2 Placement

- Position the stove on a level, non-combustible surface. If the floor is combustible, use an approved floor protector extending beyond the stove's footprint as required by local codes.
- Maintain minimum clearances to combustible materials as specified in the installation instructions provided with the stove.

4.3 Flue Connection

- Connect the stove to an approved chimney or flue system. Ensure all connections are sealed and secure to prevent smoke leakage.
- The flue system must be correctly sized and installed to ensure proper draft and exhaust of combustion gases.

4.4 Electrical Connection

- Connect the stove to a dedicated electrical outlet as per local electrical codes.
- Ensure the power supply matches the stove's requirements.

5. OPERATING INSTRUCTIONS

5.1 Filling the Pellet Hopper

1. Open the pellet hopper lid located on top of the stove.
2. Pour approved wood pellets into the hopper, ensuring not to overfill. The capacity is 17 kg.
3. Close the lid securely.

5.2 Starting the Stove

1. Ensure the ash pan is clean and the combustion chamber is free of obstructions.
2. Press the power button on the control panel.
3. Select the desired operating mode and temperature setting using the control panel interface. The stove will initiate the ignition sequence automatically.
4. Monitor the initial ignition to ensure a stable flame is established.

5.3 Adjusting Heat Output

Use the control panel to adjust the heat output settings. The stove will automatically regulate pellet feed and fan speed to maintain the desired room temperature.

5.4 WiFi Connectivity

The TMC 810 Soft WiFi Pellet Stove can be controlled remotely via a dedicated mobile application. Refer to the separate WiFi setup guide for detailed instructions on connecting your stove to your home network and using the app.

- Download the official TMC pellet stove app from your device's app store.
- Follow the in-app instructions to pair your stove with your smartphone or tablet.
- Once connected, you can adjust temperature, schedule operations, and monitor stove status from anywhere.

5.5 Shutting Down the Stove

To turn off the stove, press the power button on the control panel. The stove will enter a cool-down cycle, during which the fan will continue to operate to dissipate residual heat. Do not unplug the stove during the cool-down cycle.

6. MAINTENANCE

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

6.1 Daily Maintenance

- **Ash Pan Cleaning:** Empty the ash pan daily or as needed. Ensure the stove is completely cool before handling ash.
- **Combustion Pot Cleaning:** Clean the combustion pot (brazier) to remove any clinkers or unburnt pellets.
- **Glass Cleaning:** Clean the ceramic glass door with a specialized glass cleaner for wood stoves when the stove is cool.

6.2 Weekly Maintenance

- **Heat Exchanger Cleaning:** Clean the heat exchanger tubes using the provided cleaning tool (if applicable) to maintain efficiency.
- **Hopper Inspection:** Inspect the pellet hopper for any dust or debris accumulation.

6.3 Annual Maintenance

- **Chimney and Flue Cleaning:** Have the chimney and flue pipes professionally cleaned and inspected annually to prevent creosote buildup and ensure proper draft.
- **Component Inspection:** A qualified technician should inspect all internal components, including fans, motors, and electrical connections, for wear or damage.

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, blocked combustion pot, power issue.	Check pellet level. Clean combustion pot. Verify power connection. Contact service if igniter is faulty.
Low heat output.	Dirty heat exchanger, poor quality pellets, incorrect settings, restricted airflow.	Clean heat exchanger. Use high-quality pellets. Adjust heat settings. Check for flue blockages.
Excessive smoke.	Blocked flue, poor draft, wet pellets, incorrect air settings.	Inspect and clean flue. Use dry pellets. Adjust air settings. Ensure proper ventilation.
Stove shuts down unexpectedly.	Overheating sensor triggered, low pellet level, power interruption, safety sensor fault.	Check pellet level. Allow stove to cool. Verify power supply. Contact service for sensor issues.

8. SPECIFICATIONS

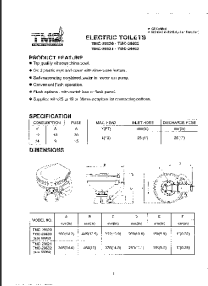


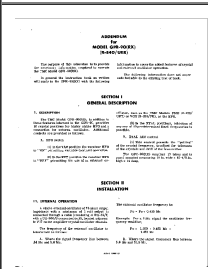
Brand	TMC
Model	810 Soft WiFi
Coating	Majolica
Manufacturing Origin	100% Italy
Heated Area (Max)	80 m²
Max Consumed Power	9.2 kW
Max Distributed Power	8.1 kW
Fuel Consumption per Hour	0.44 - 1.84 kg/h
Max Efficiency	95.3%
Reservoir Capacity	17 kg

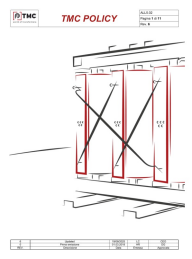

9. WARRANTY AND SUPPORT

Information regarding the specific warranty terms for the TMC 810 Soft WiFi Pellet Stove is not available in this document. Please refer to the warranty card included with your product or contact your retailer for details. For technical support, spare parts, or service inquiries, please contact your authorized TMC dealer or visit the official TMC website for contact information.

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Related Documents - 810 Soft WiFi

	<p>TMC Electric Toilets - Installation, Specifications, and Troubleshooting</p> <p>Comprehensive guide for TMC electric marine toilets (models TMC-29920, TMC-29930, TMC-29921, TMC-29932), covering product features, specifications, installation, plumbing, wiring, and troubleshooting.</p>
	<p>TDZ5WS Benchtop Low-Speed Centrifuge Operation Manual</p> <p>Comprehensive operation manual for the TDZ5WS benchtop low-speed centrifuge, covering safety, installation, operation, technical specifications, and troubleshooting.</p>
	<p>TMC PAT54PV Motherboard User's Manual - Technical Specifications and Guide</p> <p>Comprehensive user's manual for the TMC PAT54PV motherboard, detailing its features, specifications, configuration, and installation. Designed for Intel P54C/CT processors, it supports VL-Bus and ISA expansion, up to 128MB RAM, and is ideal for high-performance workstations and servers.</p>
	<p>TMC GPR-90(RX) R-840/URR Addendum: Crystal and External Oscillator Operation</p> <p>Addendum providing operational details for the TMC GPR-90(RX) radio receiver, focusing on crystal and external oscillator functions, installation, and troubleshooting. Includes technical specifications and parts lists.</p>

	<p>TMC POLICY - Qualità, Sicurezza, Ambiente e Anticorruzione</p> <p>Politica aziendale di TMC Transformers che delinea gli impegni verso qualità, sicurezza, ambiente, sostenibilità e prevenzione della corruzione, con obiettivi specifici per il periodo 2023-2028.</p>
	<p>TMC Transformers: World of Cast Resin and VPI Transformers - Catalog and Specifications</p> <p>Explore TMC Transformers' comprehensive range of medium and low voltage cast resin and VPI transformers. This catalog details product specifications, applications, certifications, and company information for industrial use.</p>