

TROTEC TCH 22 E

TROTEC TCH 22 E Convection Heater with Timer Instruction Manual

Model: TCH 22 E

1. IMPORTANT SAFETY INSTRUCTIONS

Please read these instructions carefully before using the TROTEC TCH 22 E Convection Heater. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep this manual for future reference.

- **Placement:** Always place the heater on a stable, level surface. Ensure there is adequate space around the heater (at least 50 cm) for proper air circulation. Do not place it near flammable materials such as curtains, furniture, or paper.
- **Power Supply:** Connect the heater only to a properly grounded electrical outlet with the correct voltage (230V). Do not overload the circuit.
- **Do Not Cover:** Never cover the heater, as this can lead to overheating and fire. Ensure the air inlets and outlets are always clear.
- **Moisture:** Do not use the heater in bathrooms, laundry areas, or other damp locations. Keep it away from water and liquids.
- **Children and Pets:** Keep children and pets away from the heater. The surface can become hot during operation.
- **Unplug When Not in Use:** Always unplug the heater from the power outlet when not in use, before cleaning, or before moving it.
- **Damaged Cord/Plug:** Do not operate the heater with a damaged cord or plug. Contact qualified service personnel for repair.
- **Intended Use:** This heater is designed for indoor use only, for heating residential rooms. Do not use it for commercial or industrial purposes.

2. PRODUCT OVERVIEW

The TROTEC TCH 22 E is an electric convection heater designed to provide efficient and adjustable heating for rooms up to 24 m². It features multiple power settings, an adjustable thermostat, and a convenient 24-hour timer.

Key Features:

- Three heating power levels: 750 W, 1250 W, and 2000 W.

- Adjustable thermostat for precise temperature control.
- Integrated 24-hour timer for scheduled operation.
- Automatic shut-off when the set temperature is reached, promoting energy efficiency.
- Suitable for rooms up to 24 m².

Components:

Familiarize yourself with the main components of your TCH 22 E heater:

- **Control Panel:** Located on the side, includes power switches, thermostat dial, and timer dial.
- **Air Outlets:** Grilles on the top of the unit for warm air release.
- **Air Inlets:** Located at the bottom and sides for drawing in cool air.
- **Feet:** Detachable feet for stable floor placement.
- **Power Cord:** For connecting to an electrical outlet.



Image: Front view of the TROTEC TCH 22 E Convection Heater, showing its overall dimensions of 52 cm width, 39 cm height, and 16 cm depth.



Image: Side view of the TROTEC TCH 22 E heater, highlighting the control panel with power switches, thermostat dial, and 24-hour timer dial.

3. SETUP

1. **Unpacking:** Carefully remove the heater from its packaging. Retain the packaging for future storage or transport. Check for any signs of damage. If damaged, do not use the heater and contact your retailer.
2. **Attaching the Feet:** The heater comes with detachable feet. Turn the heater upside down. Align the feet with the designated slots on the base of the heater and secure them using the provided screws. Ensure the feet are firmly attached for stability.
3. **Placement:** Place the heater on a firm, level, and heat-resistant surface. Ensure it is at a safe distance from walls, furniture, curtains, and other flammable objects (minimum 50 cm). Do not place the heater directly below a power outlet. Ensure the air inlets and outlets are not obstructed.
4. **Power Connection:** Plug the power cord into a suitable 230V grounded electrical outlet. Ensure the

outlet is easily accessible so the heater can be unplugged quickly if needed.

4. OPERATING INSTRUCTIONS

The TROTEC TCH 22 E heater offers flexible control over heating power and duration.

Power Settings:

The heater has two rocker switches on the control panel to select the heating power:

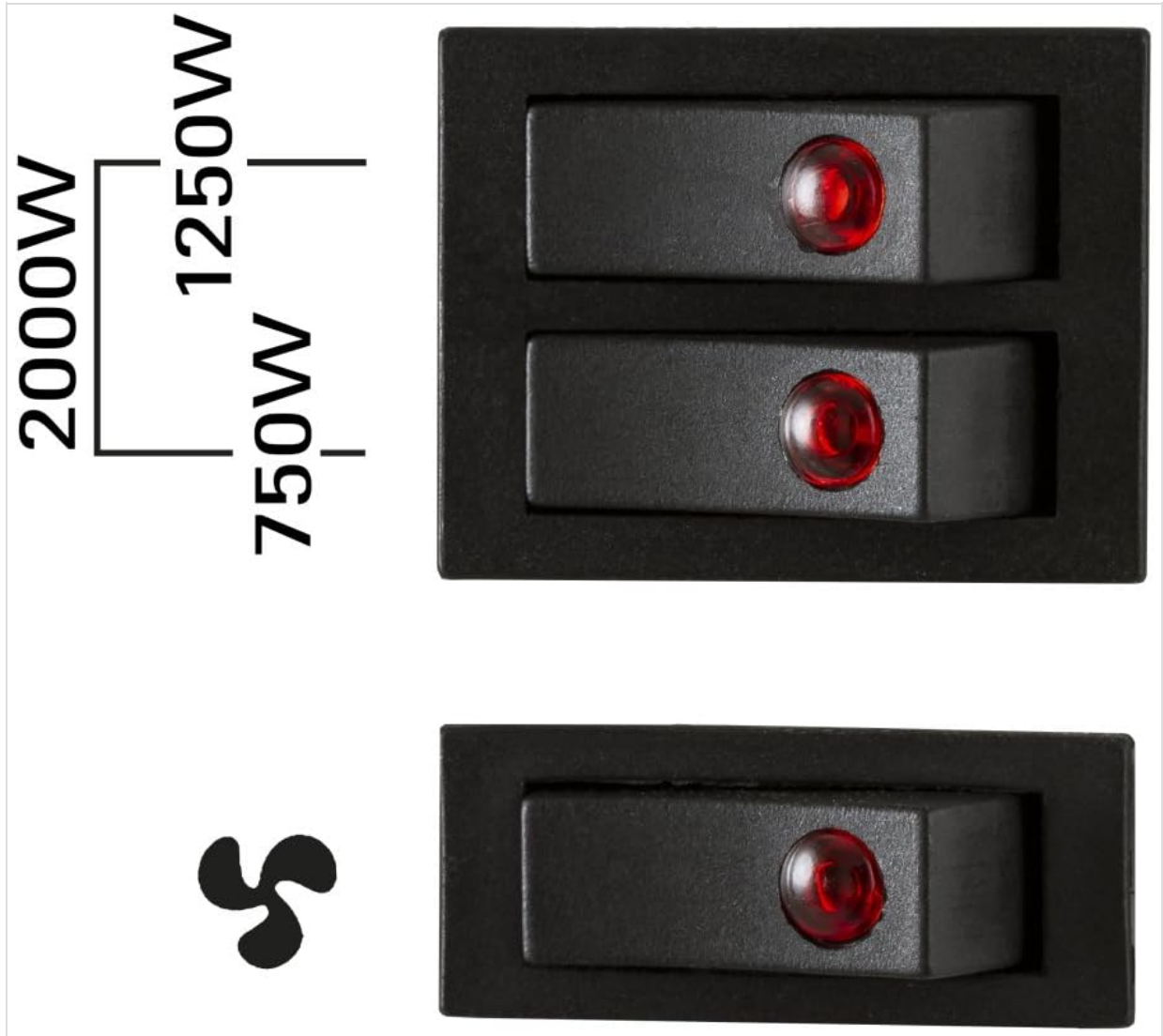


Image: Close-up view of the two power switches on the control panel, indicating 750W, 1250W, and 2000W settings.

- **Switch 1 (bottom):** Activates 750 W heating power.
- **Switch 2 (top):** Activates 1250 W heating power.
- **Both Switches ON:** Activates maximum 2000 W heating power (750 W + 1250 W).

To turn the heater OFF, ensure both switches are in the '0' (off) position.

Thermostat Control:

The thermostat dial allows you to set your desired room temperature.



Image: Close-up view of the thermostat dial, ranging from minimum (snowflake symbol) to maximum ('MAX').

1. Turn the thermostat dial clockwise to increase the desired temperature or counter-clockwise to decrease it.
2. When the room temperature reaches the set level, the heater will automatically switch off to save energy. It will switch back on when the temperature drops below the set level.

Timer Function:

The 24-hour timer allows you to program the heater to turn on or off at specific times.

1. The timer dial is marked with 96 segments, each representing 15 minutes.
2. To set the timer, push the segments inwards for the periods you want the heater to be ON. Each pushed-in segment corresponds to 15 minutes of operation.
3. Rotate the timer dial clockwise to align the current time with the arrow indicator.
4. Ensure the power switches are set to the desired heating level and the thermostat is set to the desired

temperature. The heater will then operate according to the timer settings.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your heater.

- **Cleaning:** Before cleaning, always unplug the heater and allow it to cool down completely. Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Air Vents:** Periodically check and clean the air inlets and outlets to ensure they are free from dust and debris. Use a vacuum cleaner with a brush attachment to gently remove any build-up. Blocked vents can lead to overheating.
- **Storage:** If storing the heater for an extended period, unplug it, clean it thoroughly, and allow it to dry completely. Store it in its original packaging in a cool, dry place, away from direct sunlight and moisture.
- **Power Cord:** Regularly inspect the power cord and plug for any signs of damage. If damage is found, do not use the heater and seek professional repair.

6. TROUBLESHOOTING

If you encounter issues with your TROTEC TCH 22 E heater, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Power switches are off. Thermostat set too low. Timer is off.	Check if the power cord is securely plugged in. Ensure both power switches are ON. Turn the thermostat dial to a higher setting. Check timer settings; ensure segments are pushed in for desired ON periods.
Heater is not heating effectively.	Low power setting selected. Thermostat set too low. Room size exceeds heater capacity. Air inlets/outlets obstructed.	Select a higher power setting (1250W or 2000W). Increase the thermostat setting. Ensure the heater is appropriate for the room size (max 24 m ²). Clear any obstructions from the air vents.

Problem	Possible Cause	Solution
Heater turns off unexpectedly.	Overheating protection activated. Room temperature reached set thermostat level. Timer has turned off the unit.	Unplug the heater, allow it to cool, and check for obstructions around the vents. This is normal operation; the heater will restart when the temperature drops. Check timer settings.
Unusual noise or smell.	New unit (initial smell). Internal component issue.	A slight odor is normal during the first few uses; ensure good ventilation. If the smell persists or is strong, unplug immediately and contact support. If noise is unusual, unplug and contact support.

If the problem persists after trying these solutions, please contact customer support or a qualified technician.

7. SPECIFICATIONS

Specification	Value
Model Number	TCH 22 E (1410000515)
Brand	TROTEC
Heating Power Levels	750 W / 1250 W / 2000 W
Voltage	230 Volts
Recommended Room Size	Up to 24 m ²
Dimensions (L x H x W)	52 cm x 39 cm x 16 cm
Weight	3 Kilograms
Timer	24-hour, 15-minute segments
Heating Method	Convection
Special Feature	Adjustable Thermostat
Indoor/Outdoor Use	Indoor

8. WARRANTY AND SUPPORT

For information regarding the warranty period and terms for your TROTEC TCH 22 E Convection Heater, please refer to the documentation provided at the time of purchase or visit the official TROTEC website. If you require technical support, spare parts, or have questions not covered in this manual, please contact your retailer or the TROTEC customer service department. Ensure you have your model number (TCH 22 E) and proof of purchase available when contacting support.

