

TROTEC TFC-W 28 E

TROTEC TFC-W 28 E Wall-Mounted Fan Heater Instruction Manual

Model: TFC-W 28 E

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1. INTRODUCTION

Thank you for choosing the TROTEC TFC-W 28 E Wall-Mounted Fan Heater. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your device. Please read these instructions carefully before first use and keep them for future reference.

Safety Information

- Always ensure the device is properly installed and securely mounted to a wall.
- Do not cover the air inlets or outlets to prevent overheating.
- Keep flammable materials away from the heater.
- Ensure the power supply matches the specifications of the device.
- Do not operate the device with wet hands or in excessively humid environments.
- Unplug the device from the power outlet before cleaning or maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

2. PRODUCT OVERVIEW

The TROTEC TFC-W 28 E is a wall-mounted fan heater designed to provide flexible heating up to 2.0 kW. It features automatic oscillation, a thermostat, a timer, and remote control for convenient operation.

Main Components

- **Main Unit:** The primary heating and control unit.
- **Air Outlet:** Located at the bottom, where heated air is expelled.
- **Control Panel:** Integrated on the unit for direct control.
- **Remote Control:** For convenient adjustment of settings from a distance.
- **Power Cable:** For connecting the unit to an electrical outlet.

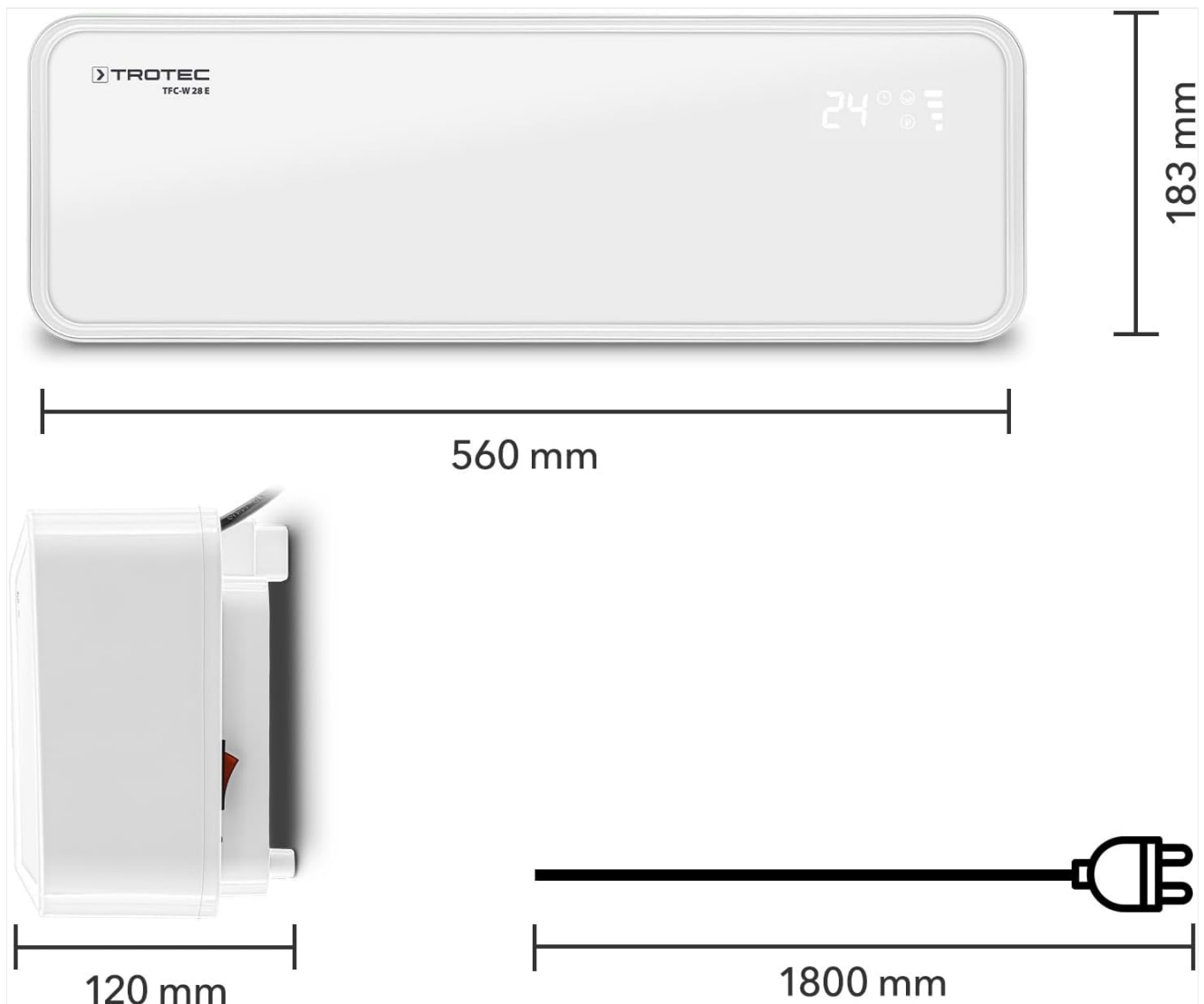


Figure 1: Front view of the TROTEC TFC-W 28 E fan heater, showing the sleek white design and digital display.



Figure 2: Detailed view of the integrated control panel on the heater and the included remote control, highlighting various function buttons.



Figure 3: Rear view of the heater, illustrating the wall mounting brackets and power switch.

3. SETUP AND INSTALLATION

The TROTEC TFC-W 28 E is designed for wall mounting. Ensure you choose a suitable location and follow these steps carefully.

Choosing a Location

- Select a wall location that is clear of obstructions and flammable materials.
- Ensure there is sufficient space around the heater for proper air circulation (refer to safety distances in the full manual).

- The location should be near a suitable power outlet.
- Avoid mounting directly above or below electrical outlets.

Mounting Instructions

1. **Mark Drilling Points:** Use the provided mounting template or measure the distance between the mounting holes on the back of the unit. Mark these points on the wall.
2. **Drill Holes:** Drill holes at the marked positions using an appropriate drill bit for your wall type.
3. **Insert Wall Plugs:** Insert the wall plugs into the drilled holes.
4. **Secure Screws:** Insert screws into the wall plugs, leaving a small gap between the screw head and the wall to hang the heater.
5. **Mount the Heater:** Carefully lift the heater and align the mounting slots on the back of the unit with the screws on the wall. Slide the heater down to secure it in place.
6. **Connect Power:** Once securely mounted, plug the power cable into a grounded electrical outlet.



Figure 4: Dimensional drawing of the heater, showing its length (560 mm), height (183 mm), and depth (120 mm), along with the 1800 mm power cord length. This is crucial for planning installation space.

4. OPERATING INSTRUCTIONS

The TROTEC TFC-W 28 E can be operated using the integrated control panel or the remote control.

Powering On/Off

- **Main Power Switch:** Locate the main power switch on the side/back of the unit (refer to Figure 3). Flip it to the 'I' position to turn on the heater's standby mode.
- **Standby Button:** Press the power button (**U**) on the control panel or remote control to switch the unit on or off from standby.

Setting the Temperature

- Use the '+' and '-' buttons on the control panel or remote control to adjust the desired room temperature. The set temperature will be displayed on the LED screen.
- The thermostat will automatically maintain the set temperature.

Operating Modes

Press the 'Mode' button on the remote control to cycle through available operating modes:

- **Fan Only:** Circulates air without heating.
- **Low Heat (1.0 kW):** Provides gentle heating.

- **High Heat (2.0 kW):** Provides maximum heating power.

Oscillation Function

Press the oscillation button (~) on the remote control to activate or deactivate the automatic oscillation of the air outlet flap, which helps distribute heat evenly.

Timer Function

The timer function allows you to set a specific operating duration. Press the timer button **Clock icon** on the remote control and use the '+' and '-' buttons to set the desired hours.

Window Open Detection

The heater features an automatic shutdown function if a window is detected open, helping to save energy. This function activates automatically.



Figure 5: The fan heater installed on a wall in a room, effectively distributing warm air.

5. MAINTENANCE

Regular cleaning and maintenance ensure the longevity and efficient operation of your TROTEC TFC-W 28 E fan heater.

Cleaning the Unit

- 1. **Disconnect Power:** Always unplug the heater from the power outlet before cleaning.
- 2. **Wipe Exterior:** Use a soft, damp cloth to wipe the exterior surfaces of the heater. Do not use abrasive cleaners, solvents, or harsh chemicals.
- 3. **Clean Air Inlets/Outlets:** Use a soft brush or a vacuum cleaner with a brush attachment to gently remove dust and debris from the air inlets and outlets. Ensure these areas are clear for optimal airflow.

Storage

If storing the heater for an extended period, ensure it is clean and dry. Store it in a cool, dry place, preferably in its original packaging, to protect it from dust and damage.

6. TROUBLESHOOTING

If you encounter issues with your TROTEC TFC-W 28 E, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; Main power switch off; Standby mode.	Check power connection; Ensure main switch is 'ON'; Press power button on unit/remote.
No heat output.	Fan-only mode selected; Thermostat set too low; Overheating protection activated.	Select a heating mode; Increase thermostat setting; Unplug, wait 30 mins, then restart.
Oscillation not working.	Oscillation function deactivated.	Press the oscillation button on the remote control.
Unusual noise or smell.	Dust accumulation; Internal fault.	Clean air inlets/outlets; If problem persists, discontinue use and contact support.
Remote control not working.	Dead batteries; Obstruction between remote and unit.	Replace batteries; Ensure clear line of sight to the unit's receiver.

If the problem persists after attempting these solutions, please contact TROTEC customer support.

7. TECHNICAL SPECIFICATIONS

Below are the key technical specifications for the TROTEC TFC-W 28 E Wall-Mounted Fan Heater:

Feature	Detail
Brand	TROTEC
Model	TFC-W 28 E
Heating Power	Up to 2.0 kW
Color	White
Dimensions (L x W x H)	60.5 x 23.2 x 15.6 cm (approx. 560 x 120 x 183 mm)
Weight	2.5 kg

Feature	Detail
Special Features	Oscillating, Remote Control, Thermostat, Window Open Detection, Overheating Protection
Form Factor	Wall-mounted
Indoor/Outdoor Use	Indoor

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official TROTEC website. Keep your proof of purchase for any warranty claims.

Customer Support

If you have any questions, require technical assistance, or need to report a fault, please contact TROTEC customer support through their official channels. Contact details can typically be found on the TROTEC website or in the product packaging.