

TROTEC TTK 50 E

TROTEC TTK 50 E Comfort Dehumidifier Instruction Manual

1. INTRODUCTION

Thank you for choosing the TROTEC TTK 50 E Comfort Dehumidifier. This manual provides essential information for the safe and effective use of your appliance. Please read these instructions carefully before operating the device and keep them for future reference. The TTK 50 E is designed to reduce humidity levels in enclosed spaces, helping to prevent mold, mildew, and condensation.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the appliance:

- Ensure the power supply matches the specifications on the rating label.
- Do not operate the unit with a damaged power cord or plug.
- Keep the appliance away from heat sources, direct sunlight, and flammable materials.
- Do not insert objects into the air inlet or outlet grilles.
- Always unplug the unit before cleaning, maintenance, or when not in use.
- Do not use the appliance in areas where water might splash onto it.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.

3. PRODUCT OVERVIEW

The TROTEC TTK 50 E is a compact and efficient dehumidifier. Familiarize yourself with its components and controls.



Figure 1: Front view of the TROTEC TTK 50 E Comfort Dehumidifier, showing the air intake grille, control panel, and water tank.



Figure 2: The dehumidifier with its approximate dimensions: 54 cm height, 31 cm width, and 22 cm depth.

3.1 Control Panel



Figure 3: Close-up of the control panel, featuring the rotary switch for power and humidity settings, and indicator lights for 'Running', 'Tank Full', and 'Defrost'.

- **Rotary Switch:** Used to turn the unit ON/OFF and adjust the desired humidity level (from MIN to MAX).
- **Running Indicator:** Illuminates when the unit is actively dehumidifying.
- **Tank Full Indicator:** Illuminates when the water collection tank is full, and the unit will automatically shut off.
- **Defrost Indicator:** Illuminates when the unit is in defrost mode.

3.2 Water Tank



Figure 4: The water collection tank is easily accessible and removable from the front of the unit for emptying.

3.3 Air Filter



Figure 5: The air filter is located behind the front grille and can be easily accessed for cleaning.

3.4 Handles and Casters



Figure 6: Integrated handle on the side of the unit for easy portability.

The unit is equipped with integrated handles and smooth-rolling casters for convenient movement between rooms.

4. SETUP

4.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove any protective materials or tape.
3. Check the unit for any signs of damage. If damaged, do not operate and contact customer support.

4.2 Placement

- Place the dehumidifier on a firm, level surface.
- Ensure there is at least 20 cm (8 inches) of clear space around the air inlet and outlet grilles for proper airflow.
- Avoid placing the unit near walls, furniture, or curtains that could obstruct airflow.
- For optimal performance, close all doors and windows in the room where the dehumidifier is operating.

4.3 Power Connection

Plug the power cord into a grounded electrical outlet. Ensure the outlet meets the voltage requirements of

the unit (230V).

4.4 Continuous Drainage (Optional)



Figure 7: Back view of the dehumidifier, indicating the location for the continuous drainage hose connection.

For continuous operation without manually emptying the water tank, connect a suitable hose (not included) to the drainage outlet at the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage into a floor drain or larger container.

5. OPERATING INSTRUCTIONS

5.1 Turning On/Off

Turn the rotary switch on the control panel from 'OFF' to any position between 'MIN' and 'MAX' to turn the

unit on. To turn off, rotate the switch back to 'OFF'.

5.2 Setting Humidity Level

The TTK 50 E features an adjustable hygrostat. Rotate the switch to set the desired humidity level:

- **MIN:** For higher humidity levels (less dehumidification).
- **MAX:** For lower humidity levels (maximum dehumidification).

The unit will operate until the set humidity level is reached, then automatically switch off. It will restart when the humidity rises above the set level.

5.3 Emptying the Water Tank

When the 'Tank Full' indicator light illuminates, the unit will stop operating. Carefully remove the water tank from the front of the unit, empty the collected water, and reinsert the tank securely. The unit will resume operation automatically.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier.

6.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off the unit and unplug it from the power outlet.
2. Remove the air filter from its slot (refer to Figure 5).
3. Clean the filter using a vacuum cleaner to remove dust and debris. For heavy dirt, wash it gently with warm, soapy water.
4. Allow the filter to dry completely before reinserting it into the unit.

6.2 Cleaning the Unit

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the surface.

6.3 Storage

If storing the unit for an extended period:

- Empty the water tank and ensure it is clean and dry.
- Clean the air filter.
- Store the unit upright in a dry, dust-free location.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; power cord not plugged in; rotary switch is OFF.	Check power connection; ensure switch is set to MIN-MAX.
Unit is running but not dehumidifying.	Air filter is clogged; room temperature is too low; humidity setting is too high.	Clean the air filter; ensure room temperature is above 10°C; adjust humidity setting lower.
'Tank Full' indicator is on, but tank is not full.	Water tank is not correctly inserted.	Remove and reinsert the water tank securely.
'Defrost' indicator is on.	Unit is automatically defrosting.	This is normal operation. The unit will resume dehumidifying once defrosting is complete.
Unusual noise during operation.	Unit is not on a level surface; internal component issue.	Ensure unit is on a flat surface. If noise persists, contact customer support.

8. SPECIFICATIONS

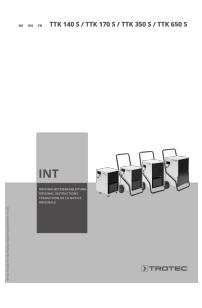
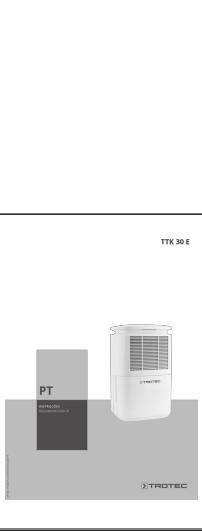
Feature	Specification
Brand	TROTEC
Model	TTK 50 E
Part Number	1120001002
Dehumidification Capacity (max)	16 liters/day
Recommended Room Size	Up to 31 m ² / 78 m ³
Water Tank Capacity	3.5 liters
Product Dimensions (D x W x H)	22 x 31 x 54 cm
Weight	11.1 kg
Voltage	230 Volt
Wattage	250 watt
Noise Level	40 Decibels
Material	Plastic
Number of Speeds	2

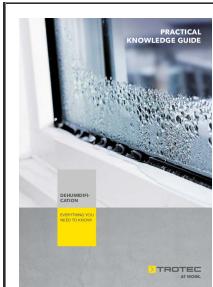
Feature	Specification
Special Features	Adjustable hygostat, easy-access air filter, durable rotary compressor, extra hose connection for drainage.

9. WARRANTY AND SUPPORT

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

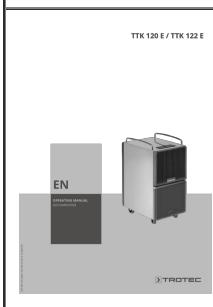
Related Documents - TTK 50 E

 <p>TTK 140 S / TTK 170 S / TTK 350 S / TTK 650 S</p>	<p><u>TROTEC TTK 140 S / TTK 170 S / TTK 350 S / TTK 650 S Dehumidifier User Manual</u></p> <p>Comprehensive user manual for the TROTEC TTK 140 S, TTK 170 S, TTK 350 S, and TTK 650 S dehumidifiers. This guide provides detailed instructions on operation, safety, maintenance, and troubleshooting.</p>
 <p>TTK 53 E / TTK 72 E</p>	<p><u>TROTEC TTK 53 E / TTK 72 E Dehumidifier User Manual</u></p> <p>Comprehensive user manual for the TROTEC TTK 53 E and TTK 72 E dehumidifiers, covering operation, safety, maintenance, and technical specifications. Includes troubleshooting and disposal information.</p>
 <p>TTK 30 E</p>	<p><u>TROTEC TTK 30 E Dehumidifier: Features, Specifications, and Operation Guide</u></p> <p>Comprehensive guide to the TROTEC TTK 30 E dehumidifier, detailing its technical specifications, operational instructions, features, and safety guidelines for effective moisture control in indoor environments.</p>



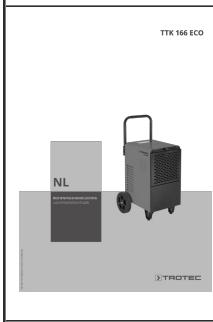
[Trotec Dehumidifier Guide: Understanding Humidity and Choosing the Right Device](#)

A comprehensive practical knowledge guide from Trotec on understanding humidity, the principles of dehumidification (condensation and desiccation), different dehumidifier technologies (compressor, Peltier, desiccant), and how to select the right device for your needs.



[TROTEC TTK 120 E / TTK 122 E Dehumidifier Operating Manual](#)

Comprehensive operating manual for TROTEC TTK 120 E and TTK 122 E dehumidifiers. Learn about setup, operation, maintenance, safety, and troubleshooting.



[TROTEC TTK 166 ECO Dehumidifier User Manual | Features, Operation, Maintenance](#)

Comprehensive user manual for the TROTEC TTK 166 ECO dehumidifier. Learn about its features, installation, operation, maintenance, troubleshooting, and technical specifications. Keep your environment dry and healthy.