Grunkel Drytek 16L

Grunkel Drytek 16L Portable Electric Dehumidifier User Manual

Model: Drytek 16L | Brand: Grunkel

1. Introduction

Thank you for choosing the Grunkel Drytek 16L Portable Electric Dehumidifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before use and keep it for future reference.

2. Safety Instructions

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always ensure the unit is placed on a stable, level surface.
- Do not operate the unit near heat sources or open flames.
- Keep the unit away from water and other liquids.
- Do not insert objects into the air inlet or outlet.
- Unplug the unit before cleaning or maintenance.
- Ensure proper ventilation around the unit.
- 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

Familiarize yourself with the components of your Grunkel Drytek 16L Dehumidifier.



Image 3.1: Front view of the Grunkel Drytek 16L Dehumidifier, highlighting its compact dimensions (19 cm depth, 28 cm width, 48 cm height). The image also shows text indicating its capacity to remove up to 16L of humidity, suitability for bedrooms, bathrooms, or enclosed spaces, and its efficiency, compactness, and quiet operation.

Key Features:

- **16 Liters/Day Capacity:** Powerful dehumidification for optimal indoor humidity levels.
- **2L Water Tank:** Features an automatic shut-off system when full.
- **1-24 Hour Timer:** Programmable timer for flexible operation.
- **LED Touch Panel:** Digital display for intelligent and precise humidity control.
- **Wi-Fi Connectivity:** Control the unit remotely via a dedicated app.
- **Ultra-Silent Operation:** Operates at a low noise level of 42dB, suitable for bedrooms.
- **Low Power Consumption:** Energy-efficient design with only 280W power usage.
- **Clothes Drying Function:** An effective alternative for drying laundry indoors.
- **Dual Drainage System:** Choose between the 2L tank or continuous drainage via an included hose.
- **Child Lock:** Prevents accidental changes to settings.
- **Anti-Overflow Protection:** Safety feature to prevent water spillage.

- **Anti-Freeze Protection:** Prevents ice formation for improved efficiency.

4. Setup

4.1 Unpacking

Carefully remove the dehumidifier from its packaging. Check for any signs of damage. Retain the packaging for future storage or transport.

4.2 Placement

Place the dehumidifier on a firm, level surface in the area where dehumidification is desired. Ensure there is at least 20 cm (8 inches) of space around the unit for proper airflow.



Image 4.1: The Grunkel Drytek 16L Dehumidifier positioned in a living room next to a sofa, demonstrating its discreet and compact design suitable for various home environments. The image emphasizes its role in controlling humidity and improving well-being.

4.3 Power Connection

Plug the power cord into a grounded electrical outlet. The unit is now ready for operation.

5. Operating Instructions

The Grunkel Drytek 16L features an intuitive LED touch panel and Wi-Fi control for easy operation.



Image 5.1: A detailed view of the dehumidifier's LED intelligent control panel, showing various icons for functions such as defrost, humidity, full tank, temperature, fan speed, timer, child lock, Wi-Fi, sleep mode, automatic mode, and dry mode. This panel allows for precise control of time and humidity.

5.1 Control Panel Functions

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through available operating modes (Normal, Intelligent/Auto, Drying, Continuous).
- **Humidity Setting Buttons (Up/Down Arrows):** Adjusts the desired humidity level (e.g., 35% to 85%).
- **Fan Speed Button:** Selects fan speed (Low, Medium, High).
- **Timer Button:** Sets the auto-on/off timer (1-24 hours).
- **Child Lock Button:** Activates/deactivates the child lock by pressing and holding.
- **Wi-Fi Indicator:** Shows Wi-Fi connection status.
- **Full Tank Indicator:** Illuminates when the water tank is full, and the unit will automatically shut off.

5.2 Operating Modes

- **Normal Mode:** Allows manual setting of desired humidity and fan speed.
- **Intelligent/Auto Mode:** The unit automatically adjusts operation to maintain optimal humidity levels (typically 45-55%).
- **Drying Mode (Clothes Drying):** Operates at high fan speed and continuous dehumidification to quickly dry laundry.
- **Continuous Mode:** The unit runs continuously regardless of the ambient humidity level.

5.3 Wi-Fi Control (App)

Control your dehumidifier remotely using the dedicated smartphone app. Follow these steps to connect:

1. Download the "Smart Life" app from your device's app store (Google Play or Apple App Store).
2. Register an account or log in.
3. Ensure your dehumidifier is plugged in and the Wi-Fi indicator is blinking.

4. In the app, add a new device and select "Dehumidifier" or "Air Conditioner".
5. Follow the on-screen instructions to connect the unit to your home Wi-Fi network.
6. Once connected, you can control modes, set humidity, schedule timers, and monitor the unit from anywhere.



Image 5.2: A user operating the Grunkel Drytek 16L Dehumidifier remotely via a smartphone app, demonstrating the convenience of Wi-Fi control. The image highlights the ability to program, adjust, or turn off the unit from any location.

6. Drainage Options

Your Grunkel Drytek 16L Dehumidifier offers two methods for water removal.

6.1 Water Tank Drainage

The unit collects condensed water in its integrated 2-liter water tank. When the tank is full, the unit will automatically shut off, and the "Full Tank" indicator will illuminate.

1. Gently pull out the water tank from the back of the unit.
2. Carefully empty the collected water into a sink or drain.
3. Slide the empty water tank back into its position until it clicks securely. The unit will resume operation.



Image 6.1: Rear view of the Grunkel Drytek 16L Dehumidifier, illustrating the 2L water tank and the external drainage port. The image highlights the dual drainage system, allowing for accumulation in the tank or continuous drainage via the included hose.

6.2 Continuous Drainage

For uninterrupted operation without needing to empty the water tank, you can set up continuous drainage.

1. Locate the continuous drainage port at the back of the unit (refer to Image 6.1).
2. Connect the included drainage hose to this port, ensuring a secure fit.
3. Direct the other end of the hose to a suitable drain, ensuring it is positioned lower than the dehumidifier's drainage port for gravity flow.
4. Once connected, water will continuously drain, and the unit will not stop when the internal tank would normally be full.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

7.1 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 dehumidifier and unplug it from the power outlet.
2. Remove the air filter from the back of the unit.
3. Wash the filter with clean water (not hotter than 40°C) and a mild detergent.
4. Rinse thoroughly and allow it to air dry completely before reinstalling.
5. Reinsert the dry filter into the unit and plug the dehumidifier back in.

7.2 General Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

8. Troubleshooting

If your dehumidifier is not operating correctly, please refer to the following common issues and solutions before contacting customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, power outage.	Check power connection, ensure outlet is working.
No dehumidification.	Humidity setting too high, air filter clogged, room temperature too low.	Lower desired humidity, clean air filter, ensure room temperature is above 5°C.
Water tank full indicator is on, but tank is not full.	Water tank not properly inserted.	Remove and reinsert the water tank securely.
Unit is noisy.	Unit not on a level surface, air filter clogged.	Place on a flat surface, clean air filter.
Wi-Fi connection issues.	Incorrect Wi-Fi password, unit too far from router, router issues.	Verify password, move unit closer to router, restart router.

9. Specifications

Feature	Detail
Brand	Grunkel
Model	Drytek 16L
Dehumidification Capacity	16 Liters/day
Water Tank Volume	2 Liters
Power Consumption	280 Watts
Noise Level	42 dB

Feature	Detail
Air Flow Volume	100 m³/h
Dimensions (L x W x H)	19 x 28 x 48 cm
Weight	9.24 kg
Special Features	Wi-Fi Control, LED Touch Panel, 24h Timer, Clothes Drying, Dual Drainage, Child Lock, Anti-Freeze, Anti-Overflow
Recommended Use Area	Up to 30 m² (approx. 320 sq ft)
Included Components	Dehumidifier, Drainage Hose, User Manual

10. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the contact details provided in the original product packaging or visit the official Grunkel website.
Keep your purchase receipt as proof of purchase for warranty claims.

11. Additional Information

Benefits of Dehumidification:



Image 11.1: The Grunkel Drytek 16L Dehumidifier operating in a living room, illustrating its ability to control humidity and improve overall well-being by preventing issues like allergies, bacteria, mold, and damp clothes.

- **Improved Air Quality:** Reduces allergens, dust mites, and mold growth.
- **Comfort:** Creates a more comfortable living environment by reducing stickiness.
- **Protection:** Helps protect furniture, electronics, and clothing from moisture damage.
- **Odor Reduction:** Eliminates musty odors associated with high humidity.

Clothes Drying Function:

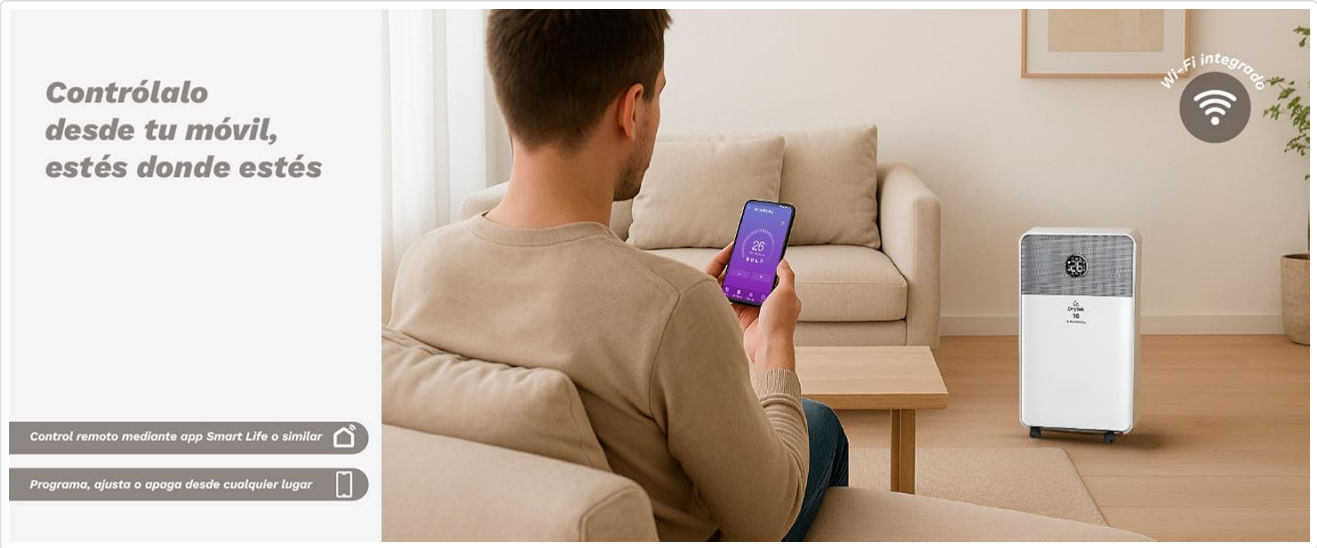


Image 11.2: The Grunkel Drytek 16L Dehumidifier placed in a closet with clothes hanging, demonstrating its clothes drying function. The image highlights its effectiveness in drying laundry without environmental humidity, preventing bad odors from slow drying, and protecting clothes.

Quiet Operation:



Image 11.3: The Grunkel Drytek 16L Dehumidifier operating in a bedroom while a person sleeps, emphasizing its ultra-silent operation at 42dB. A graphic compares its noise level to common sounds like an airplane engine, subway, and turning a book page, illustrating its quietness.

Energy Efficiency:



Image 11.4: The Grunkel Drytek 16L Dehumidifier in a modern living room, accompanied by icons highlighting its efficient power consumption (280W), 16L/day dehumidification, 300 m³/h airflow, and use of R290 refrigerant for ecological and efficient operation.

12. Related Videos

Watch these official videos for more information on dehumidifiers.

Pro Breeze Smart Dehumidifier (Related Product)

Your browser does not support the video tag.

This video showcases a Pro Breeze smart dehumidifier, highlighting its efficient extraction, large water tank, quiet operation, automatic sensor for humidity control, 24-hour timer, and compact, portable design. It demonstrates features like water tank removal and clothes drying mode.

Pro Breeze Smart Dehumidifier 25L/day with Wi-Fi (Related Product)

Your browser does not support the video tag.

This video features a Pro Breeze smart dehumidifier with 25L/day capacity and Wi-Fi control. It demonstrates the unit's ability to remove large amounts of moisture, its smart app control, digital panel, traffic light sensor for humidity levels, sleep function, and compact design.

Pro Breeze OmniDry Dehumidifier 12L/Day with WiFi (Related Product)

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This video presents the Pro Breeze OmniDry 12L/Day Dehumidifier with WiFi. It highlights features such as continuous drying mode for clothes, energy efficiency, a large 2L water tank, continuous drainage hose option, easy-to-use smart app, digital control panel, traffic light sensor for humidity, sleep function, and compact, portable design.

Dehumidifier 16L/Day, Humidity Dehumidifiers (Related Product)

Your browser does not support the video tag.

This video demonstrates a 16L/day dehumidifier, focusing on its unpacking, setup, and operation. It shows the removal of protective tapes, the water tank, and the continuous drainage hose connection. The video also illustrates the control panel and app control for setting humidity and fan speed.

Lightweight and Smart Dehumidifier (Related Product)

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This video showcases a lightweight and smart dehumidifier, highlighting its compact design, easy portability, and user-friendly controls. It demonstrates the unit's ability to effectively remove moisture from the air in various settings.