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› KNKA 16L/Day Dehumidifier User Manual

KNKA PD22SC

KNKA 16L/Day Dehumidifier User Manual

Model: PD22SC

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before operating the dehumidifier and retain this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the unit with a damaged cord or plug.
- Always place the unit upright. After delivery, allow the dehumidifier to stand upright for 24 hours before operation to ensure internal components are balanced.
- Do not block air inlets or outlets.
- Keep children away from the unit. The child lock feature helps prevent accidental operation.
- Do not immerse the unit, power cord, or plug in water or other liquids.
- Unplug the unit before cleaning or maintenance.
- Do not use the unit in areas with flammable or explosive gases.
- The unit features an overflow protection system and a full water warning. Do not override these safety features.

PRODUCT OVERVIEW

The KNKA PD22SC Dehumidifier is designed to efficiently remove excess moisture from indoor environments, improving air quality and preventing issues like mold and mildew. It features intelligent controls, quiet operation, and a portable design.





Figure 1: Front view of the KNKA 16L/Day Dehumidifier.

Key Features:

- **High Efficiency:** Removes up to 16 liters of moisture per day (at 35°C, 90% RH), with noticeable effects within 30 minutes.
- **Intelligent Humidity Control:** Digital display allows precise humidity setting from 30% to 80% RH.
- **Quiet Operation:** Operates at 35 dB in Sleep Mode and 41 dB at high performance, suitable for bedrooms and living areas.
- **Multiple Modes:** Automatic, Laundry Drying, Continuous Dehumidification, and Sleep modes for versatile use.
- **Safety Features:** Child lock, overflow protection with full water warning, and automatic defrost.
- **Portability:** Equipped with a soft leather handle and 360° swivel wheels for easy movement.
- **Dual Drainage Options:** Features a 3.3L transparent water tank and a 1-meter drain hose for continuous drainage.
- **Energy Efficient:** 260W power consumption, designed for lower energy use.

30min Spürbare Wirkung

Effiziente Entfeuchtung, Intelligente Luftfeuchtigkeitskontrolle

16L/Tag

* 35°C, 90% r.F.

≤110m³ (ca. 45m²)

**Auto-Restart
+ 24H-Timer
+ Speicherfunktion**

**Echtzeit
-Feuchtigkeitsanzeige**
(Anzeige Auch im Standby-Modus)



* Nimmt weniger Platz ein als ein A4-Blatt

Figure 2: Overview of key features including dehumidification capacity, auto-restart, timer, and dimensions.

PACKAGE CONTENTS

Verify that all items are included in the package:

- KNKA Dehumidifier PD22SC (1 unit)
- User Manual (1 copy)
- 1-meter Drain Hose (1 unit)

SETUP

1. **Unpacking:** Carefully remove the dehumidifier and all accessories from the packaging.
2. **Positioning:** Place the dehumidifier on a flat, stable surface. Ensure there is at least 20 cm (8 inches) of clear space around the air inlets and outlets for optimal airflow.
3. **Initial Standby:** After transport, allow the unit to stand upright for at least 24 hours before plugging it in. This allows the refrigerant to settle, ensuring proper and reliable operation.
4. **Power Connection:** Plug the power cord into a grounded electrical outlet.
5. **Drainage Setup (Choose one):**
 - **Water Tank Drainage:** Ensure the 3.3L water tank is correctly inserted into the unit. The unit will automatically stop operation when the tank is full and alert you.
 - **Continuous Drainage:** For continuous operation without emptying the tank, connect the supplied 1-meter drain hose to the continuous drainage port at the back of the unit. Ensure the hose is sloped downwards to allow water to drain by gravity into a suitable receptacle or floor drain.

2 Entwässerungsarten

Einfache Entfeuchtung



Wassertankentwässerung - Mobil Einsetzbar

3,3L sichtbarer Wassertank
Automatischer Abschaltung
bei Vollem Tank

* Der Ablaufschlauchanschluss an der Rückseite muss
gut verschlossen sein, um Wasseraustritt zu verhindern



Schlauchentwässerung - Kontinuierliche Entfeuchtung

1m Ablaufschlauch, Für Kontinuierliche
und Langfristige Entfeuchtung von
Keller und Garage



Figure 3: Illustration of the two drainage options: water tank and continuous hose drainage.

OPERATING INSTRUCTIONS

Control Panel:



Figure 4: Intelligent Digital Control Panel Layout.

1. **Sleep Mode / Child Lock Button**
2. **Fan Speed Button (High / Low)**
3. **Mode Button (Automatic / Laundry Drying / Continuous Dehumidification)**
4. **24-Hour Timer Button**
5. **Humidity Setting Button (30%–80% RH)**
6. **Power On/Off Button**
7. **Memory Function (Automatic)**

Starting the Dehumidifier:

1. Press the **Power** button to turn on the unit. The LED display will show the current room humidity.
2. **Setting Desired Humidity:** Press the **Humidity Setting** button repeatedly to select your desired humidity level (30% to 80% RH). The unit will operate until this level is reached, then cycle on and off to maintain it. Recommended humidity levels:
 - Living Areas: 45–55% RH
 - Laundry Room: 35–40% RH (for faster drying)
 - Basement/Storage: 40–50% RH
3. **Selecting Fan Speed:** Press the **Fan Speed** button to switch between High and Low fan speeds.

Operating Modes:

The KNKA dehumidifier offers four intelligent operating modes:

- **Automatic Mode:** The unit automatically adjusts humidity and fan speed based on the ambient humidity to maintain a comfortable environment. Ideal for general living spaces.



Figure 5: Automatic Mode for intelligent humidity regulation in various rooms.

- **Laundry Drying Mode:** Operates at a fixed high fan speed and low humidity setting to quickly dry clothes.



Figure 6: Laundry Drying Mode for efficient clothes drying.

- **Continuous Dehumidification Mode:** The unit runs continuously regardless of the humidity level. Suitable for extremely damp areas like basements or storage rooms.



Figure 7: Continuous Dehumidification Mode for constant moisture removal.

- **Sleep Mode:** Reduces fan speed to low, turns off display lights, and operates quietly (35 dB) for undisturbed sleep.



Figure 8: Sleep Mode for quiet operation in bedrooms.

Timer Function:

Press the **Timer** button to set the desired operating time (1-24 hours). The unit will automatically turn off or on after the set time. This function is useful for scheduling operation to fit your daily routine.

Child Lock:

To activate or deactivate the child lock, press and hold the **Sleep/Lock** button for 3 seconds. When activated, the control panel buttons will be locked to prevent accidental changes.



Figure 9: Child Lock feature for enhanced safety.

Automatic Restart and Memory Function:

In case of a power outage, the unit will automatically restart with the last saved settings once power is restored. This ensures continuous dehumidification without manual intervention, especially useful for basements or storage areas.



Figure 10: 24H Timer and Auto-Restart for convenient operation.

MAINTENANCE

Emptying the Water Tank:

When the water tank is full, the unit will automatically shut off, and an alarm will sound. The LED display will show a "Full Tank" indicator. Carefully pull out the water tank from the front of the unit, empty the collected water, and then reinsert the tank firmly until it clicks into place.

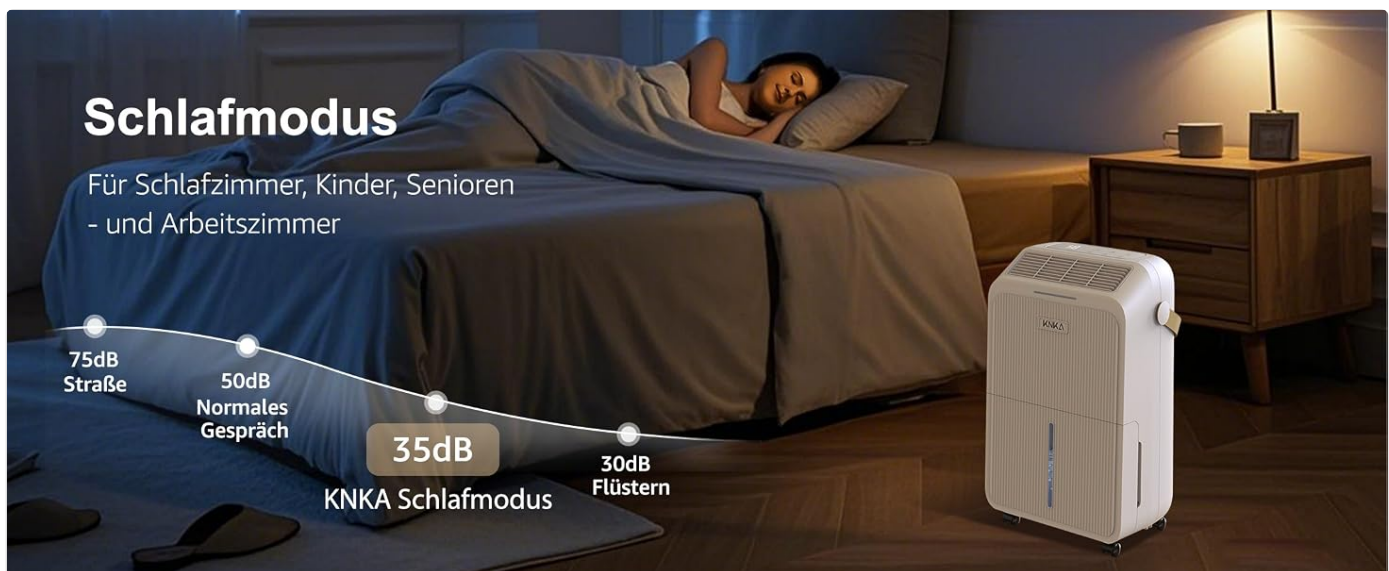


Figure 11: Overflow protection and full tank warning.

Cleaning the Air Filter:

The removable air filter helps keep the interior of the dehumidifier clean and improves air circulation. It is recommended to clean the filter 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. Locate the air filter cover at the back of the unit.
3. Remove the filter.
4. Clean the filter with a vacuum cleaner or wash it gently with warm water and mild detergent.
5. Allow the filter to air dry completely before reinserting it.
6. Reinsert the dry filter and close the cover.

Intelligentes Digitalbedienfeld

- 1 Schlafmodus / Kindersicherung
- 2 Hohe Lüftergeschwindigkeit/ Niedrige Lüftergeschwindigkeit
- 3 Automatikmodus / Wäschetrocknungsmodus / Dauerentfeuchtungsmodus
- 4 24-Stunden-Timer
- 5 Feuchtigkeitsregelung: 30%–80% r.F.
- 6 Ein-/Ausschalter
- 7 Speicherfunktion



Figure 12: Steps for cleaning the removable air filter.

Cleaning the Unit Exterior:

Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these may damage the surface.

Storage:

If the unit will not be used for an extended period, empty the water tank, clean the filter, and store the unit in a cool, dry

place, away from direct sunlight and extreme temperatures. Utilize the integrated cable storage to keep the power cord tidy.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power cord not plugged in; Power outage.	Check power outlet; Ensure power cord is securely plugged in; Wait for power to be restored (unit has auto-restart).
Dehumidifier not collecting water.	Humidity setting too high; Room temperature too low; Air filter clogged; Water tank full or not properly inserted; Continuous drain hose blocked or improperly installed.	Lower the humidity setting; Ensure room temperature is above 5°C (41°F); Clean the air filter; Empty and reinsert water tank correctly; Check drain hose for kinks or blockages and ensure proper slope.
Unit is noisy.	Unit not on a level surface; Air filter clogged; Fan obstruction.	Place unit on a flat, stable surface; Clean the air filter; Check for any obstructions near the fan.
"Full Tank" indicator is on, but tank is not full.	Water tank not properly seated; Sensor malfunction.	Remove and reinsert the water tank firmly; If problem persists, contact customer support.
Child lock is active.	Child lock feature is engaged.	Press and hold the Sleep/Lock button for 3 seconds to deactivate.

SPECIFICATIONS

Feature	Specification
Model Number	PD22SC
Dehumidification Capacity	16 Liters/Day (at 35°C, 90% RH)
Recommended Room Size	Up to 110 m³ (approx. 45 m²)
Water Tank Capacity	3.3 Liters
Power Consumption	260 Watts
Noise Level	35 dB (Sleep Mode), 41 dB (High Performance)
Humidity Setting Range	30% - 80% RH
Timer	1-24 Hours
Dimensions (L x W x H)	25.15 x 33.78 x 53.34 cm
Weight	10.3 Kilograms
Material	Acrylonitrile Butadiene Styrene (ABS)
Drain Hose Length	1 meter (included)

WARRANTY AND SUPPORT

KNKA provides professional technical support for its products. For any questions or assistance, please contact customer service through your Amazon account:

- 1. Log in to your Amazon account.
- 2. Go to "My Orders".
- 3. Locate your order number for the KNKA Dehumidifier.
- 4. Click on "Contact Seller".

KNKA offers up to **10 years of technical support** to ensure long-term satisfaction and reliability. The product is designed for durability, with 99% recyclable materials, reflecting a commitment to environmental responsibility.



Figure 13: KNKA's commitment to technical support and sustainable design.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question