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› KNKA 34-Pint Dehumidifier Instruction Manual

KNKA PD22SC-12

KNKA 34-Pint Dehumidifier Instruction Manual

Model: PD22SC-12

PRODUCT OVERVIEW

The KNKA 34-Pint Dehumidifier (Model PD22SC-12) is a high-efficiency unit designed to remove up to 34 pints of moisture per day, covering areas up to 2500 sq. ft. It features intelligent humidity control with DEHU, DRY, and CONT modes, two drainage options (manual and continuous), ultra-quiet operation (37dB), an LED humidity indicator, and smart safety features including child lock and auto-defrost. Portable with 360° wheels and a soft leather handle, it's easy to maintain with a removable tank and washable filter. Ideal for basements, bedrooms, bathrooms, and large living spaces.





Figure 1: KNKA 34-Pint Dehumidifier, front view.

SAFETY INFORMATION

Please read all instructions carefully before operating the dehumidifier. Keep this manual for future reference.

- For optimal performance, keep the dehumidifier upright at all times. After delivery, allow it to stand upright for 24 hours before use. This ensures proper internal balance and long-term reliability.
- Ensure the unit is placed on a stable, level surface.
- Do not block air inlets or outlets. Maintain at least 8 inches of clearance around the unit.
- Do not operate the unit with a damaged cord or plug.
- Unplug the unit before cleaning or maintenance.
- The unit features multiple automated safety functions, including overload protection, power outage memory, auto shutoff when the tank is full, and high-precision sensors for automatic defrosting.

- The built-in child lock prevents accidental changes, making it especially suitable for households with children and pets.

SETUP

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Inspect for any shipping damage.
2. **Positioning:** Place the unit in the desired location, ensuring it is on a flat, stable surface. Allow at least 8 inches of space around all sides for proper airflow.
3. **Initial Standby:** If the unit was not kept upright during transit, allow it to stand upright for 24 hours before plugging it in. This allows the refrigerant to settle.
4. **Power Connection:** Plug the power cord into a grounded electrical outlet.
5. **Drainage Options:**
 - **Manual Drainage (Water Tank):** The 3L (0.79 Gallons) water tank will collect moisture. When full, the unit will automatically shut off and an indicator light will illuminate. Empty the tank by pulling it out from the front.

Dual-Option Drainage

Manual or Continuous for Complete Convenience
The Dehumidifier Automatically Stops Working When the Tank is Full



Figure 2: Manual drainage using the removable water tank.

- **Continuous Drainage (Drain Hose):** For long-term operation without manual emptying, attach the included 3.28 ft drain hose to the continuous drainage port at the back of the unit. Route the hose to a suitable drain (e.g., floor drain, large bucket).



Figure 3: Continuous drainage setup with the included hose.

OPERATING INSTRUCTIONS

The smart control panel allows for easy operation. Refer to Figure 4 for control panel layout.

Smart Control Panel & Display Sceen



Figure 4: Smart Control Panel and Display Screen.

1. **Power On/Off:** Press the **POWER** button to turn the unit on or off.
2. **Mode Selection:** Press the **MODE** button to cycle through the three smart modes:
 - **DEHU (Dehumidify):** Adjusts humidity from 30%–80% and automatically maintains ideal moisture levels to prevent over-dehumidification.
 - **DRY (Clothes Drying):** Provides quick drying for clothes hung indoors.
 - **CONT (Continuous):** Operates non-stop for extremely damp areas, regardless of humidity level.
3. **Humidity Setting:** In DEHU mode, press the **HUMI** button to set your desired humidity level (30% to 80%). The unit will automatically turn on/off to maintain this level.
4. **Fan Speed:** Press the **SPEED** button to select between High and Low fan speeds.
5. **Timer:** Press the **TIMER** button to set a 24-hour timer for automatic on/off operation.
6. **Sleep Mode / Child Lock:**
 - Press and hold the **SLEEP (LOCK 3s)** button for 3 seconds to activate/deactivate the child lock, preventing

accidental changes to settings.

- In sleep mode, lights turn off and sound levels drop even further for undisturbed comfort.

7. **LED Humidity Indicator:** The color-changing LED light on the front displays real-time humidity status:

- **Blue:** Humidity < 50%
- **Green:** Humidity 50%–70%
- **Red:** Humidity ≥ 70%



KNKA 34 Pint Home Dehumidifier
Coverage Area 2500 Sq.Ft.

Humidity < 50%
Blue

Humidity 50%–70%
Green

Humidity ≥ 70%
Red

500ml
× 32 (34 pints ≈ 4.25 Gal)

Adjustable humidity
30- 80% RH

The advertisement features a white KNKA dehumidifier on wheels in a modern living room. A couple is sitting on a sofa with a cat, and a coffee table with fruit is in front of them. Three circular graphics show the humidity indicator's color-coded status: Blue for < 50%, Green for 50%-70%, and Red for ≥ 70%. A water bottle icon indicates the capacity of 34 pints (approx. 4.25 gallons). The adjustable humidity range is 30-80% RH.

Figure 5: Real-time humidity display via LED indicator.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

1. Emptying the Water Tank:

When the water tank is full, the unit will automatically shut off. Carefully pull out the tank from the front, empty the collected water, and slide it back into place until it clicks securely.

2. Cleaning the Washable Filter:

The dehumidifier features a removable and washable filter located at the back. Periodically remove the filter and clean it under warm running water or vacuum it to remove dust and debris. Allow it to dry completely before reinserting.

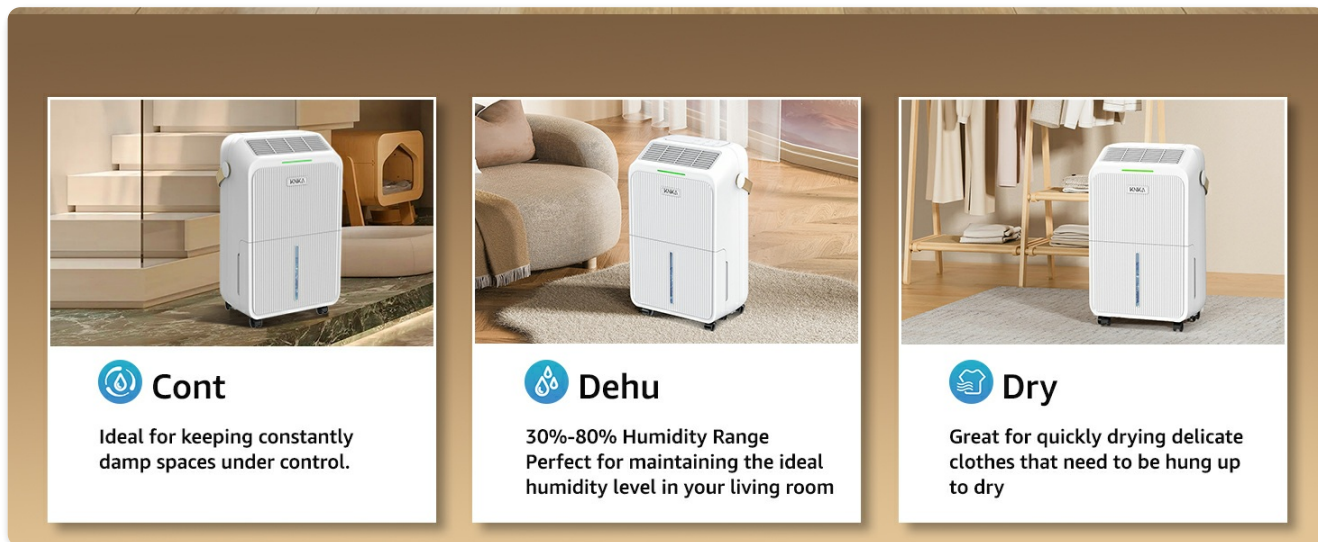


Figure 6: Detachable and washable filter for easy cleaning.

3. Exterior Cleaning:

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

4. Storage:

If storing the unit for an extended period, ensure the water tank is empty and the filter is clean and dry. Store in an upright position in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power, water tank full, child lock active.	Check power connection. Empty water tank. Deactivate child lock by holding the SLEEP (LOCK 3s) button for 3 seconds.
Unit is running but not collecting water.	Humidity level too low, filter clogged, room temperature too low.	Adjust desired humidity setting lower. Clean the air filter. Ensure room temperature is above 41°F (5°C).
Unit is noisy.	Unit not on a level surface, filter clogged, normal operation sound.	Place unit on a flat, stable surface. Clean the air filter. A low hum is normal during operation.
Water leaks from the unit.	Water tank not properly seated, continuous drain hose not connected securely.	Ensure water tank is fully inserted. Check drain hose connection for tightness.

SPECIFICATIONS

Feature	Detail
Brand	KNKA
Model Name	PD22SC-12
Floor Area Coverage	2500 Square Feet
Dehumidification Capacity	34 Pints per Day
Tank Volume	3L (0.79 Gallons)
Product Dimensions	10.31"D x 13.23"W x 20.87"H
Noise Level	37dB (Ultra-Quiet)
Operation Modes	DEHU, DRY, Continuous
Humidity Control Range	30%–80%
Fan Speeds	2 (High, Low)
Timer	24-Hour
Special Features	Continuous Draining, Sleep Mode, Child Lock, Automatic Defrost, Digital Display, Smart Humidity Indicator LED Light, Dry Clothes, Automatic Shutoff, 360° Universal Wheels, Washable Filter, Soft Leather Handle
Material	Plastic, Metal
Wattage	230 watts
Item Weight	23.1 pounds
UPC	762949415177

WARRANTY AND SUPPORT

Warranty Information

KNKA products come with a standard manufacturer's warranty. Please refer to the warranty card included in your product

packaging for specific terms and conditions. Some customers have reported receiving an additional one-year warranty upon product registration.

Customer Support

For any questions, troubleshooting assistance, or warranty claims, please contact KNKA customer support:

Website: Visit the KNKA Store on Amazon

Email: Refer to your user manual for direct email support.

Phone: Refer to your user manual for direct phone support.

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.

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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

Answered questions about this manual

For the KNKA PD22SC-12 (2500 Sq. Ft.) dehumidifier, how long is the power cord, and can I use an extension cord?

The official documentation for the KNKA PD22SC-12 (34-Pint/2500 Sq. Ft.) dehumidifier does not specify the exact length of the power cord. However, most standard dehumidifiers in this class typically feature a cord between 5...

Read full answer

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