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Blauwhal PD14BS

Blauwhal Dehumidifier PD14BS Instruction Manual

Model: PD14BS

Brand: Blauwhal

Introduction

Thank you for choosing the Blauwhal Dehumidifier. This appliance is designed to efficiently remove excess moisture from the air, creating a more comfortable and healthier environment in your home. With its intelligent humidity control, multiple operating modes, and convenient drainage options, the Blauwhal Dehumidifier is ideal for basements, large rooms, bathrooms, and other damp spaces up to 2500 square feet.





Figure 1: Front view of the Blauwhal Dehumidifier, showcasing its compact design and water level indicator.

Safety Instructions

- Always place the dehumidifier on a stable, level surface to prevent tipping and water spillage.
- Ensure proper ventilation around the unit. Do not block air inlets or outlets.
- Do not operate the dehumidifier near flammable gases or combustible materials.
- Keep children and pets away from the appliance during operation.
- Unplug the unit before cleaning, maintenance, or when not in use for extended periods.
- Do not use the dehumidifier if the power cord or plug is damaged. Contact qualified service personnel for repairs.
- Do not immerse the unit in water or other liquids.
- Empty the water tank regularly or ensure continuous drainage is properly set up to prevent overflow.

Product Overview

Familiarize yourself with the components and controls of your Blauwhal Dehumidifier.



Figure 2: Internal view highlighting the powerful compressor and low-noise operation design.

Control Panel Features

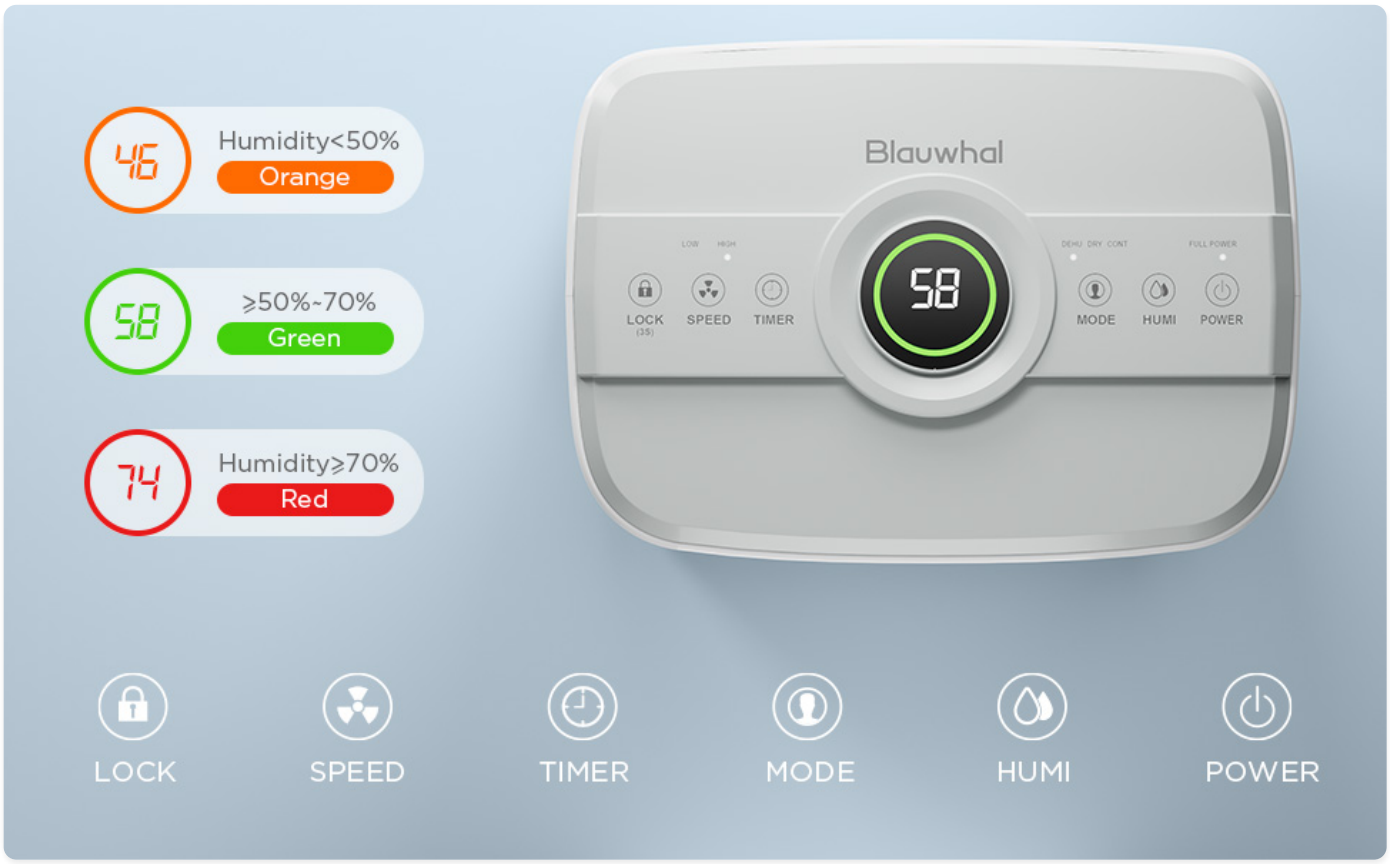


Figure 3: Detailed view of the smart touch control panel with digital RH display and color indicators.

- **Power Button:** Turns the unit on/off.
- **Mode Button:** Cycles through DEHU (Dehumidify), DRY (Dry Clothes), and CONT (Continuous) modes.
- **HUM Button:** Adjusts the target humidity level (30% to 80% RH) in DEHU mode.
- **Speed Button:** Selects fan speed (Low/High) in DEHU mode.
- **Timer Button:** Sets the auto-off timer (1-24 hours).
- **Child Lock Button:** Press and hold for 3 seconds to activate/deactivate child lock.
- **Digital Display:** Shows current humidity level and timer settings. Changes color based on humidity: Orange (<50%), Green (50%-70%), Red (>70%).

Setup

1. **Unpacking:** Carefully remove the dehumidifier and all packaging materials from the box.
2. **Placement:** Place the unit upright on a firm, level surface. Ensure there is at least 8 inches (20 cm) of space around all sides for proper airflow.
3. **Initial Power-Up:** Plug the power cord into a grounded electrical outlet. The unit will beep once, and the digital display will light up.
4. **Allow to Settle:** If the unit was not stored upright, allow it to stand upright for at least 24 hours before plugging it in to allow the refrigerant to settle.

Operating Modes

The Blauwhal Dehumidifier offers three distinct operating modes to suit your needs.



Figure 4: Visual representation of DEHU, DRY, and CONT modes suitable for various home environments.

1. **DEHU Mode (Dehumidify):**
   This is the standard dehumidification mode. Press the "Mode" button until "DEHU" is indicated. Use the "HUM" button to set your desired humidity level (e.g., 45%-55% is recommended for comfort). The unit will operate until the set humidity is reached, then cycle on/off to maintain it. Fan speed can be adjusted (Low/High) using the "Speed" button.
2. **DRY Mode (Dry Clothes):**
   Ideal for drying clothes quickly in a small, enclosed space like a laundry room or closet. Press the "Mode" button until "DRY" is indicated. In this mode, the unit operates at high fan speed and continuously removes moisture, without stopping at a set humidity level. This helps to accelerate the drying process for damp garments.



Figure 5: Dry Clothes mode actively circulates air to assist in drying.

3. **CONT Mode (Continuous):**
   For uninterrupted operation, you can connect the included 6.56ft (2m) drain hose for continuous drainage. Locate the drain outlet on the back of the unit, remove the rubber stopper, and securely attach the drain hose. Ensure the hose is sloped downwards to a suitable drain (e.g., floor drain, large bucket, or sink) to allow gravity to drain the water. This eliminates the need for manual tank emptying.

Your browser does not support the video tag.

Video 1: An overview of the Blauwhal Dehumidifier's features and operation, including its suitability for basements and large rooms.

Drainage Options

Your dehumidifier offers two convenient ways to remove collected water.



Figure 6: Illustration of both manual water tank drainage and continuous hose drainage options.

1. **Manual Drainage (2L Water Tank):**
   When the 2-liter water tank is full, the dehumidifier will automatically shut off and an indicator light will illuminate. Carefully pull out the water tank from the front of the unit, empty the collected water, and then slide the tank back into place. The unit will resume operation once the tank is reinserted correctly.
2. **Continuous Drainage (Drain Hose):**
   For uninterrupted operation, you can connect the included 6.56ft (2m) drain hose for continuous drainage. Locate the drain outlet on the back of the unit, remove the rubber stopper, and securely attach the drain hose. Ensure the hose is sloped downwards to a suitable drain (e.g., floor drain, large bucket, or sink) to allow gravity to drain the water. This eliminates the need for manual tank emptying.

Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

- **Cleaning the Air Filter:**
  The built-in filter should be cleaned regularly (every 2-4 weeks, depending on usage and air quality). Turn off and

unplug the unit. Locate the filter on the back of the unit. Remove the filter and wash it gently with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not operate the unit without the filter.



Figure 7: The reusable and washable air filter for easy maintenance.

- **Cleaning the Unit Exterior:**
  Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Long-Term Storage:**
  If storing the unit for an extended period, ensure the water tank is completely empty and dry. Clean the air filter. Wrap the power cord neatly using the cord management system. Store the unit upright in a cool, dry place.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	No power, water tank full/incorrectly placed.	Check power connection. Empty and correctly reinsert water tank.
No water collected.	Humidity too low, temperature too low, air filter clogged.	Adjust target humidity. Ensure room temperature is above 41°F (5°C). Clean air filter.
Unit is noisy.	Unit not level, air filter clogged.	Place on a level surface. Clean air filter.
Water leaks from unit.	Water tank not properly seated, continuous drain hose loose/clogged.	Reinsert water tank correctly. Check hose connection and ensure it's not blocked.
Frost on coils.	Low room temperature.	Unit has automatic defrost. If severe, turn off unit and allow frost to melt.

Specifications

Feature	Detail
Brand	Blauwhal
Model Name	PD14BS

Feature	Detail
Dehumidification Capacity	31 Pints per Day
Coverage Area	Up to 2500 Square Feet
Water Tank Volume	2 Liters
Product Dimensions (D x W x H)	9.37"D x 10.8"W x 17.7"H
Item Weight	24 Pounds
Wattage	230 watts
Noise Level	Less than 36 decibels
Special Features	Automatic Restart, Adjustable Humidity Control, Automatic Defrost, Automatic Moisture Removal, Automatic Shutoff, 24Hr Timer, Dry Clothes Mode, Portable with Wheels

Warranty and Support

All Blauwhal dehumidifiers are covered with a **30-Days money back guarantee** if you are not satisfied with the product, and a **1-year warranty**. If you encounter any problems with your dehumidifier, please do not hesitate to contact us via the after-sale service email provided in your manual. We are committed to replying within 24 hours and assisting you with problem resolution.
For further assistance, please refer to the contact information provided in the physical manual included with your product.

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