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## Britsou Dehumidifier PD11CSS

# BRITSOU Dehumidifier User Manual

Model: PD11CSS | Capacity: 32 Pints

## 1. INTRODUCTION

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Thank you for choosing the BRITSOU Dehumidifier. This appliance is designed to efficiently remove excess moisture from the air, creating a more comfortable and healthy environment in your home, basement, bedroom, bathroom, or other large spaces. This manual provides essential information for the safe operation, installation, maintenance, and troubleshooting of your dehumidifier. Please read it thoroughly before use and retain it for future reference.

## 2. SAFETY INSTRUCTIONS

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- Always place the dehumidifier on a level, stable surface to prevent tipping and water spillage.
- Ensure the power supply matches the voltage specified on the rating label of the unit.
- Do not operate the unit with a damaged cord or plug. If the cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Keep the air inlet and outlet grilles clear of obstructions to ensure proper airflow and prevent overheating.
- Do not insert fingers or foreign objects into the grilles.
- Unplug the unit before cleaning, moving, or performing any maintenance.
- Do not use the dehumidifier in areas where flammable gases or liquids are stored.
- 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.
- Allow the unit to stand upright for at least 24 hours before initial use if it has been tilted or laid on its side during transport.

## 3. PRODUCT OVERVIEW

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The BRITSOU Dehumidifier is designed for high efficiency and user convenience. It features a compact design with integrated handles and wheels for easy portability.

### Key Features:

- **High Dehumidification Performance:** Covers up to 2500 sq. ft. and can remove up to 32 pints (15.1 liters) of

moisture per day.

- **Smart Control Panel:** Digital display with intuitive controls for humidity setting, timer, and mode selection.
- **Three Distinct Modes:** DEHU (Dehumidify), DRY (Clothes Drying), and CONT (Continuous).
- **Adjustable Humidity Control:** Set desired humidity levels from 30% to 80%.
- **24-Hour Timer:** Programmable on/off timer for convenience.
- **Auto Defrost:** Prevents frost build-up on coils in low temperatures.
- **Auto Shut-off & Full Tank Alert:** Automatically turns off when the water tank is full and alerts the user.
- **Continuous Drainage Option:** Includes a drain hose for continuous water removal without manual emptying.
- **Child Lock:** Prevents accidental changes to settings.
- **Quiet Operation:** Operates at a low noise level of approximately 40dB.
- **Washable Air Filter:** Easy to remove and clean for maintaining air quality.

### Product Components:



Figure 3.1: Front view of the BRITSOU Dehumidifier, showing the digital display and water tank.



Figure 3.2: Close-up of the Smart Control Panel, displaying various function buttons and the humidity value.

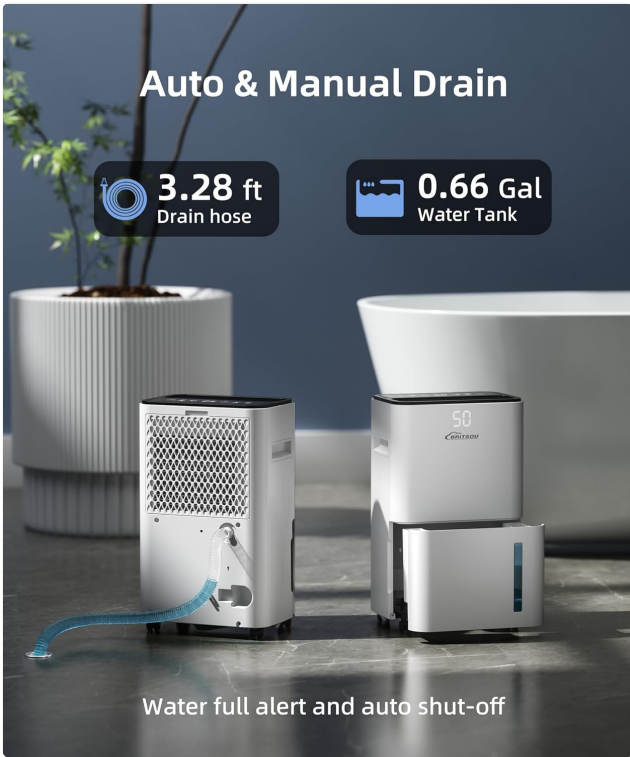


Figure 3.3: Rear view of the dehumidifier showing the continuous drain hose connection and the removable water tank.



Figure 3.4: The dehumidifier highlighting its top handle and 360-degree invisible wheels for easy movement.

## 4. SETUP

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1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Remove all packing materials and ensure no components are missing or damaged.
2. **Positioning:** Place the dehumidifier on a firm, level surface in the area where dehumidification is needed. Ensure there is at least 8 inches (20 cm) of space around the unit for proper air circulation. Do not block the air inlet or outlet.
3. **Initial Standby:** If the unit was transported on its side, allow it to stand upright for a minimum of 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:**
  - o **Manual Drainage (Bucket):** The unit will collect water in its internal water tank. When the tank is full, the unit will automatically shut off and indicate that the tank needs emptying.
  - o **Continuous Drainage (Hose):** For continuous operation without manual emptying, connect the provided drain hose to the continuous drain outlet at the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage into a floor drain or larger container. Remove the water plug from the continuous drain outlet before connecting the hose.

## 5. OPERATING INSTRUCTIONS

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Familiarize yourself with the control panel to operate your dehumidifier effectively.

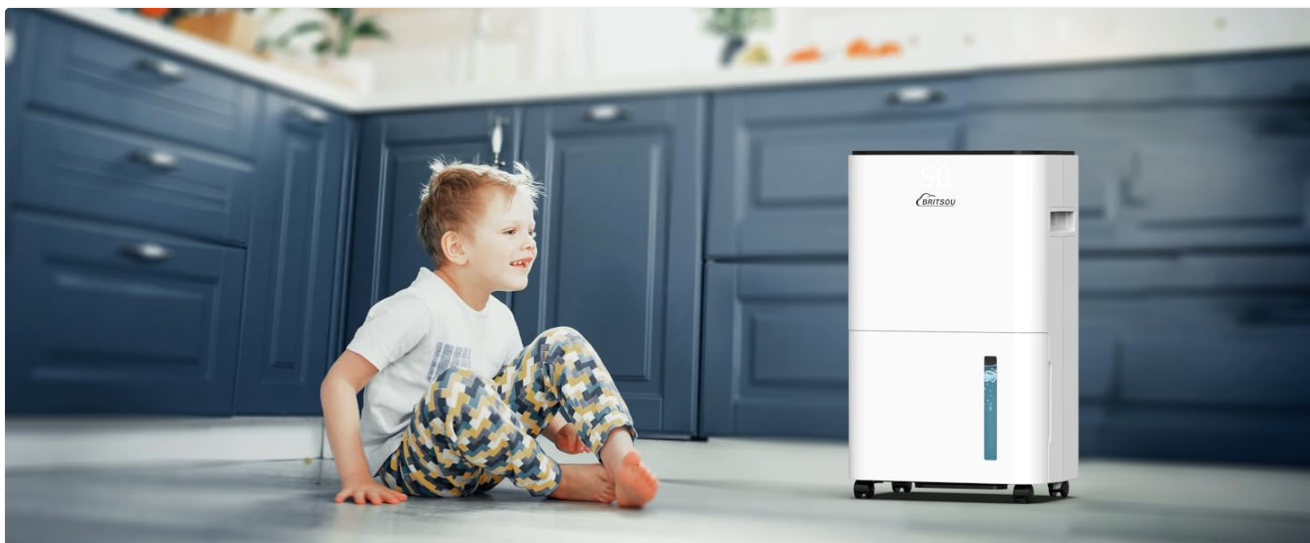


Figure 5.1: Detailed view of the Smart Control Panel with button functions labeled.

### Control Panel Functions:

- **Power Button:** Press to turn the unit ON or OFF.
- **Mode Button:** Press to cycle through the operating modes: DEHU (Dehumidify), DRY (Clothes Drying), and CONT (Continuous).
  - o **DEHU Mode:** The unit will operate to reach and maintain your set humidity level.
  - o **DRY Mode:** Designed for drying clothes quickly. The unit will operate continuously at high fan speed until the clothes are dry.
  - o **CONT Mode:** The unit will operate continuously regardless of the ambient humidity level. Ideal for very damp conditions or when continuous drainage is used.
- **Humidity Setting (HUMI):** In DEHU mode, press the HUMI button to adjust the desired humidity level from 30% to

80% in 5% increments. The unit will cycle on and off to maintain this level.

- **Speed Button:** Press to select fan speed: Low or High. Higher speed results in faster dehumidification.
- **Timer Button:** Press to set the 24-hour timer for automatic ON or OFF operation. Press repeatedly to set the desired hours.
- **Lock Button (Child Lock):** Press and hold for 3 seconds to activate or deactivate the child lock. When active, other buttons will not respond to presses.
- **Humidity Value Display:** Shows the current ambient humidity level or the set humidity level during adjustment.

### Operating Tips:

- For optimal performance, close all doors and windows in the room where the dehumidifier is operating.
- The ideal humidity level for comfort and health is generally between 45% and 55%.
- The unit may occasionally enter defrost mode in cooler environments. This is normal and helps maintain efficiency.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and efficient operation of your dehumidifier.

### 6.1 Emptying the Water Tank:

1. When the water tank is full, the unit will stop operating and an indicator light will illuminate.
2. Carefully pull out the water tank from the front of the unit.
3. Empty the collected water into a sink or drain.
4. Slide the empty water tank back into the unit until it clicks into place. The unit will resume operation.

### 6.2 Cleaning the Air Filter:

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



Figure 6.1: Illustration of removing and cleaning the washable air filter.

1. Unplug the dehumidifier from the power outlet.
2. Locate the air filter, typically at the back or side of the unit. Gently pull it out.
3. Rinse the filter under running tap water (not hot water) or use a vacuum cleaner to remove dust and debris.
4. Allow the filter to air dry completely before reinserting it into the unit. Do not expose it to direct sunlight or heat.
5. Reinsert the dry filter back into its slot.

### 6.3 Storage:

If the unit will not be used for an extended period:

- Empty the water tank and ensure it is clean and dry.
- Clean the air filter.
- Coil the power cord neatly.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

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Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Power cord not plugged in; Water tank full or not properly seated; Child lock activated.	Check power outlet; Ensure power cord is securely plugged in; Empty and re-seat water tank; Deactivate child lock by pressing and holding the Lock button.
Unit is running but not collecting water.	Ambient humidity is too low; Room temperature is too low; Air filter is clogged; Unit is in fan-only mode; Continuous drain hose is connected and draining.	Increase desired humidity setting or wait for humidity to rise; Ensure room temperature is above 5°C (41°F); Clean the air filter; Select DEHU or CONT mode; Verify continuous drain hose is properly installed and draining.
Unit is noisy.	Unit is not on a level surface; Air filter is clogged; Obstruction in fan.	Place unit on a flat, stable surface; Clean the air filter; Check for and remove any obstructions.
Water leaking from the unit.	Water tank not properly seated; Continuous drain hose is loose or clogged.	Re-seat the water tank firmly; Check continuous drain hose connection and ensure it is not clogged or kinked.
Display shows an error code.	Internal malfunction.	Unplug the unit for 10 minutes, then plug it back in. If the error persists, contact customer support.

## 8. SPECIFICATIONS

Attribute	Value
Brand	Britsou
Model Number	Dehumidifier PD11CSS
Colour	White
Product Dimensions	30 x 20 x 48.5 cm
Item Weight	10.94 kg
Capacity	32 pints (15.1 liters)
Power/Wattage	230 watts
Material	Plastic
Auto Shut-off	Yes
Number of Speeds	7 (Fan speeds, likely refers to internal settings, user selectable as Low/High)
Floor Area Coverage	Up to 2500 Square Feet
Special Features	Continuous Dehumidifier, Drain Hose, Programmable, Adjustable Humidity Control, Automatic Defrost, Automatic Moisture Removal, Automatic Shutoff

## 9. WARRANTY AND SUPPORT

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BRITSOU products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your purchase or contact BRITSOU customer service through the retailer's platform or the official brand website. Please have your model number (PD11CSS) and purchase date ready when contacting support.