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› [PHILODECO](#) /

› PHILODECO 80 Pint 4500 Sq.Ft Dehumidifier User Manual (Model CSJ5291)

PHILODECO CSJ5291

PHILODECO 80 Pint 4500 Sq.Ft Dehumidifier User Manual

Model: CSJ5291

Brand: PHILODECO

1. INTRODUCTION

Thank you for choosing the PHILODECO 80 Pint 4500 Sq.Ft 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 retain it for future reference.



Figure 1: Front view of the PHILODECO 80 Pint Dehumidifier.

2. SAFETY INFORMATION

Important Safety Instructions:

- **DANGER** - Risk of Fire or Explosion. Flammable Refrigerant Used. To be repaired only by trained service personnel.
- Do not puncture refrigerant tubing.
- Dispose of property in accordance with federal or local regulations.
- Before using the dehumidifier for the first time, please let it stand upright for 2 hours to ensure the refrigerant pressure inside the unit is balanced.
- Keep the dehumidifier upright for 6 hours after delivery.
- Ensure the power cord is not damaged or pinched.
- Do not operate the unit with a damaged power cord or plug.
- Do not block the air intake or exhaust vents.

3. PRODUCT OVERVIEW

3.1 Components

The PHILODECO dehumidifier is designed for efficient moisture removal and ease of use. Key components include:

- **Control Panel:** Located on the top for easy access to settings.
- **Digital Display:** Shows current humidity levels and settings.
- **Air Outlet:** Located on the top, with an automatic swing feature.
- **Water Tank:** A 5.5-liter removable tank for collected water.
- **Continuous Drain Outlet:** For connecting a drain hose for continuous operation.
- **Detachable Filter:** Located at the rear for easy cleaning.
- **Universal Wheels & Handles:** For effortless mobility.

Dehumidify Anywhere



Figure 2: User-friendly design features including the carrying water tank, universal wheels, and removable filter.

3.2 Control Panel

The intuitive control panel allows you to manage all functions of the dehumidifier.



Figure 3: Smart Control Panel layout.

- **Power Button:** Turns the unit on or off.
- **Swing Button:** Activates or deactivates the automatic air outlet swing function.
- **Child Lock:** Locks the control panel to prevent accidental changes.
- **Sleep Mode:** Operates the unit quietly with dimmed lights for undisturbed rest.
- **Timer:** Sets a specific time for the unit to turn on or off.
- **Humidity Setting:** Adjusts the desired humidity level (e.g., 55%).
- **Fan Speed:** Cycles through different fan speeds (Low, High).
- **Dry Mode:** Activates a powerful drying function, suitable for clothes.



Figure 4: Real-time humidity display with color indicators (Blue: Below 50%, Green: 50-70%, Red: Higher than 70%).

4. SETUP AND INSTALLATION

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Keep all packaging materials for potential future transport or storage.
2. **Positioning:** Place the dehumidifier on a level surface in the desired area. Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow.
3. **Initial Standby:** As per safety instructions, allow the unit to stand upright for at least 2 hours before plugging it in, especially after transport.
4. **Power Connection:** Plug the power cord into a grounded electrical outlet. The unit will emit a beep and the display will light up.

Two Types Of Drainage



Figure 5: The dehumidifier is suitable for areas up to 4500 Sq.Ft.

5. OPERATING INSTRUCTIONS

1. **Power On:** Press the Power button to turn on the dehumidifier. The air outlet will open automatically.
2. **Select Mode:** Choose from the available modes:
 - **DEHU (Dehumidification):** Standard operation to reduce humidity.
 - **DRY (Clothes Drying):** Provides powerful airflow for drying clothes.
 - **CONT (Continuous):** Runs continuously regardless of the set humidity level.



Figure 6: Dehumidifier modes for various environments.

3. **Set Desired Humidity:** Use the humidity setting buttons to select your target humidity level. The unit will operate until this level is reached, then cycle on and off to maintain it.
4. **Adjust Fan Speed:** Select your preferred fan speed (Low or High) using the Fan Speed button.
5. **Sleep Mode:** Press the Sleep Mode button for quiet operation and dimmed display lights, ideal for nighttime use.
6. **Child Lock:** Activate the Child Lock to prevent unintended changes to settings.
7. **Timer Function:** Set a timer for automatic power on/off within a 24-hour period.

6. DRAINAGE OPTIONS

Your PHILODECO dehumidifier offers two convenient drainage methods:

6.1 Manual Drainage (Water Tank)

The unit features a 5.5-liter water tank. When the tank is full, the dehumidifier will automatically shut off, a red "Full" indicator light will illuminate, and an audible alarm will sound. To empty:

- Gently pull out the water tank from the side of the unit.
- Empty the collected water.
- Slide the empty tank back into place until it clicks securely.

6.2 Continuous Drainage (Drain Hose)

For extended operation without manual emptying, use the included drain hose:

- Locate the continuous drain outlet at the back of the unit.
- Connect one end of the drain hose to this outlet.
- Ensure the other end of the hose is directed towards a suitable drain (e.g., floor drain, sink) and is positioned lower than the unit to allow gravity drainage.
- The unit will now continuously drain water, allowing for uninterrupted operation.

User-Friendly Design



Figure 7: Illustration of manual tank drainage and continuous hose drainage.

7. MAINTENANCE AND CLEANING

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier.

7.1 Cleaning the Air Filter

The detachable air filter should be cleaned regularly (e.g., every two weeks, depending on usage) to prevent dust buildup and maintain efficiency.

- Turn off the dehumidifier and unplug it from the power outlet.
- Locate the filter at the rear of the unit and gently pull it out.

- Rinse the filter under running water or use a vacuum cleaner to remove dust.
- Allow the filter to air dry completely before reinserting it into the unit.

7.2 Cleaning the Unit Exterior

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

8. TROUBLESHOOTING

If you encounter issues with your dehumidifier, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power; Water tank full; Temperature too low.	Check power connection; Empty water tank; Ensure room temperature is above 41°F (5°C).
No dehumidification	Air filter clogged; Room size too large; Doors/windows open.	Clean air filter; Ensure unit is appropriate for room size; Close doors/windows.
Unit is noisy	Unit not on a level surface; Air filter clogged.	Place on a flat, stable surface; Clean air filter.
Water leaks	Water tank not properly inserted; Drain hose loose or clogged.	Reinsert water tank correctly; Check drain hose connection and clear any blockages.

If the problem persists after trying these solutions, please contact PHILODECO customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	PHILODECO
Model Number	CSJ5291
Dehumidification Capacity	80 Pints per Day
Coverage Area	Up to 4500 Square Feet
Water Tank Volume	5.5 Liters
Product Dimensions (D x W x H)	9.4"D x 13.4"W x 22.4"H
Item Weight	31.8 pounds
Wattage	440 watts
Color	Black
Special Features	Adjustable Humidity Control, Anti-Spill, Automatic Defrost, Child Lock, Continuous Draining

10. WARRANTY AND SUPPORT

For any initial defects, operational issues, or warranty inquiries, please contact PHILODECO after-sales service.

Refer to your product packaging or the official PHILODECO website for contact details. Our team is dedicated to resolving your concerns promptly.