

AMEIFU PC-180

AMEIFU Compact 1.2L Peltier Dehumidifier PC-180 User Manual

Model: PC-180 | Brand: AMEIFU

INTRODUCTION

Thank you for purchasing the AMEIFU Compact 1.2L Peltier Dehumidifier. This manual provides important information for the safe and efficient operation of your new dehumidifier. Please read it thoroughly before use and keep it for future reference.

Key Features:

- **Double Cooling Sheet & Powerful Dehumidification:** Utilizes Peltier technology with double semiconductor cooling sheets for efficient moisture removal, up to 450ml per day.
- **1.2L Large Capacity Water Tank:** Reduces the frequency of emptying, with automatic shut-off when full and a red indicator light.
- **Adjustable Humidity & Timer:** Features a humidity sensor, allowing manual setting from 40% to 95% RH (in 5% increments). Includes a 2-60 hour timer function.
- **Quiet Operation & Sleep Mode:** Designed with low noise technology, operating quietly to avoid disturbing work, study, or sleep. Sleep mode further reduces fan speed and dims the display.
- **7-Color Ambient Light:** Offers a choice of 7 ambient light colors, which can be turned off if desired.
- **Energy Efficient:** Low power consumption of 25W, making it economical to run.
- **Compact Design:** Space-saving dimensions (approx. 17 cm width x 12 cm depth x 30.5 cm height) suitable for various small spaces.

強力除湿、湿気による悩みを一気に解決しましょう！



Image: The dehumidifier effectively reducing humidity from 80% to 50% in a room, illustrating its use in various scenarios like closets, drying laundry, and preventing window condensation.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, please follow these basic safety precautions:

- Read all instructions before using the appliance.
- Do not operate the dehumidifier if the power cord or plug is damaged.
- Ensure the power supply matches the voltage specified on the rating label.
- Keep the appliance away from water or other liquids. Do not immerse it.
- Do not block air inlets or outlets. Maintain at least 10 cm clearance around the unit.
- Unplug the dehumidifier before cleaning or performing any maintenance.
- This appliance is for indoor use only.
- Do not allow children to operate the dehumidifier unsupervised.
- Always place the unit on a stable, level surface.

PACKAGE CONTENTS

Please check the package for the following items:

- AMEIFU Compact Peltier Dehumidifier (Model PC-180)
- User Manual (this document)

- Power Adapter

PRODUCT OVERVIEW

Familiarize yourself with the components of your AMEIFU dehumidifier.



Image: Overview of the dehumidifier's touch control panel and display, showing icons for power, fan speed, humidity setting, timer, ambient light, sleep mode, automatic mode, and humidity display.

Main Components:

- **Touch Control Panel:** For operating all functions.
- **LED Display:** Shows current humidity, timer settings, and mode indicators.
- **Water Tank:** Transparent, removable tank for collecting condensed water.
- **Air Inlet/Outlet:** Located on the back and top of the unit for air circulation.
- **Power Port:** For connecting the power adapter.

SETUP

1. **Unpack:** Carefully remove the dehumidifier and all accessories from the packaging.
2. **Placement:** Place the dehumidifier on a flat, stable surface in the desired location. Ensure there is at least 10 cm of clear space around all sides for proper airflow. Avoid placing it near heat sources or in direct sunlight.

3. **Connect Power:** Insert the power adapter into the power port on the back of the dehumidifier, then plug the adapter into a suitable electrical outlet.



Image: Step-by-step guide showing how to connect the power, the blinking power button, pressing the power button for 2 seconds to turn on, and the display lighting up.

OPERATING INSTRUCTIONS

Power On/Off:

- After connecting to power, the power button will blink.
- To turn on, press and hold the power button for 2 seconds. The display will light up, and the dehumidifier will start operating.
- To turn off, press and hold the power button again.

Fan Speed Adjustment:

- Press the **Fan Speed** button to cycle through three modes: High, Medium, and Low.

低・中・高 3 階段風量調節

使用される場所の広さ、湿気状況とお好みに合わせて選択可能



Image: Illustration showing the three fan speed settings (Low, Medium, High) and their corresponding airflow indicators on the dehumidifier display.

Humidity Setting:

- The dehumidifier has a built-in humidity sensor that displays the current ambient humidity.
- Press the **Humidity Setting** button to manually adjust the target humidity from 40% to 95% RH in 5% increments.
- Once the set humidity is reached, the dehumidifier will automatically stop. It will resume operation if the humidity rises above the set level.

安心な 2-60h タイマー機能

設定回数が減らし、更に快適な空間がキープ



快適な湿度で健康的な毎日に

湿度は **40%~95%** まで5%刻みで設定でき、お好みの湿度を自由に調整できます。



乾燥

湿度 < 30%

目や肌、喉の乾燥を感じし、
風邪も引きやすくなります。



快適

40% < 湿度 < 60%

気持ちがいいし、
抵抗力もUP！



多湿

湿度 > 60%

カビ、ダニが繁殖しやすく、
洗濯物が乾かない

Image: The dehumidifier display showing the 2-60 hour timer function and the humidity setting range from 40% to 95% RH, indicating comfortable humidity levels.

Timer Function:

- Press the **Timer** button to set the operating time from 2 to 60 hours.
- The dehumidifier will automatically turn off once the set time has elapsed, saving energy.

Ambient Light Control:

- Press the **Light** button to activate the 7-color ambient light.
- Pressing it again will cycle through colors or turn it off. Long-press to turn off the light directly.

Sleep Mode:

- Press the **Sleep Mode** button to enter sleep mode.
- In this mode, the dehumidifier operates at the lowest fan speed, and all display lights (except the sleep mode indicator) are turned off to ensure a quiet and dark environment for sleep.



Image: The dehumidifier operating quietly in a bedroom setting, illustrating the sleep mode and the 7-color ambient light feature, with a digital clock showing 23:00.

Automatic Shut-off (Full Water Tank):

- When the water tank is full, the dehumidifier will automatically stop operation, and a red indicator light will illuminate to alert you.
- Empty the water tank and reinsert it to resume operation.



Image: The dehumidifier with a red light indicating the water tank is full and the unit has automatically shut off, placed on a table next to a sofa.

MAINTENANCE

Emptying the Water Tank:

1. When the water tank is full, the dehumidifier will stop, and the full indicator light will turn red.
2. Gently pull out the water tank from the front of the unit.
3. Carefully pour out the collected water.
4. Slide the empty water tank back into the unit until it clicks into place. The dehumidifier will resume operation if it was on before.

大容量タンク・お手入れ簡単

1200MLの水タンクで、頻繁に水を捨てない



Image: Visual guide demonstrating how to pull out the transparent water tank from the dehumidifier and pour out the collected water.

Cleaning the Dehumidifier:

- Always unplug the dehumidifier before cleaning.
- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Clean the air inlets and outlets regularly to prevent dust buildup, which can affect performance. Use a soft brush or vacuum cleaner attachment.

- Clean the water tank with mild soap and water periodically to prevent mold or mildew growth. Rinse thoroughly and dry before reinserting.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	Not plugged in correctly. Power button not pressed for 2 seconds. Power outage.	Ensure the power adapter is securely plugged into the unit and the wall outlet. Press and hold the power button for 2 seconds to activate. Check your household's power supply.
Dehumidifier stops operating.	Water tank is full. Set humidity level reached. Timer function activated.	Empty the water tank and reinsert it. The unit will resume when humidity rises. Adjust target humidity if needed. Check if the timer is set.
Poor dehumidification performance.	Air inlets/outlets blocked. Room size too large. Ambient temperature too low.	Clear any obstructions from air vents. Ensure the unit is used in a suitable room size (5-15 tatami mats). Peltier dehumidifiers are less effective in very cold environments.
Unusual noise.	Unit not on a level surface. Obstruction in fan.	Place the unit on a flat, stable surface. Turn off and unplug the unit, then check for any foreign objects.

SPECIFICATIONS

Brand:	AMEIFU
Model Number:	PC-180
Color:	White
Dehumidification Technology:	Peltier (Double Semiconductor Cooling Sheet)
Daily Dehumidification Capacity:	Approx. 450ml/day
Water Tank Capacity:	1.2 Liters (1200ml)
Power Consumption:	25W
Humidity Setting Range:	40% - 95% RH (5% increments)

Timer:	2-60 Hours
Fan Speeds:	3 (Low, Medium, High)
Dimensions (D x W x H):	20 cm x 17 cm x 34 cm (approx.)
Weight:	Approx. 1 kg
Recommended Room Size:	5-15 Tatami Mats (approx. 8-25 sq meters)

WARRANTY AND SUPPORT

AMEIFU products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official AMEIFU website.

If you encounter any issues not covered in the troubleshooting section, please contact our customer service for assistance. When contacting support, please have your model number (PC-180) and purchase date ready.

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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

