

AERIC WDH29A18E

AERIC WDH29A18E 18L Clothes Drying Dehumidifier User Manual

Model: WDH29A18E | Brand: AERIC

1. INTRODUCTION

The AERIC WDH29A18E is a high-efficiency, energy-saving clothes drying dehumidifier equipped with a self-developed rotary compressor. Designed to maintain a comfortable indoor environment, it effectively removes moisture, making it ideal for humid seasons and drying laundry indoors. With a daily dehumidification capacity of up to 18 liters and a 5.0-liter water tank, it provides powerful performance while minimizing power consumption.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read all safety instructions carefully before using this appliance to prevent injury or damage. Keep this manual for future reference.

- Ensure the power supply voltage matches the appliance's rating.
- Do not operate the unit with a damaged power cord or plug.
- Place the dehumidifier on a stable, level surface to prevent tipping and water spillage.
- Maintain adequate clearance around the unit (at least 20 cm) for proper air circulation.
- Do not insert objects into the air inlet or outlet.
- Keep the appliance away from water sources, flammable materials, and direct sunlight.
- Unplug the unit before cleaning or performing any maintenance.
- 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.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel for repairs.

3. PRODUCT OVERVIEW

The AERIC WDH29A18E dehumidifier is designed for efficient moisture removal and clothes drying. It features a compact design with a user-friendly interface.

Key Components:

- **Control Panel:** For setting modes, humidity levels, and timer.
- **Air Inlet/Outlet:** Located on the back and top for air circulation.
- **Water Tank:** 5.0L capacity, removable for easy emptying.
- **Air Filter:** Removable for cleaning.
- **Casters:** For easy mobility.



Figure 3.1: Front view of the AERIC WDH29A18E Dehumidifier. Shows the compact design and water level indicator.

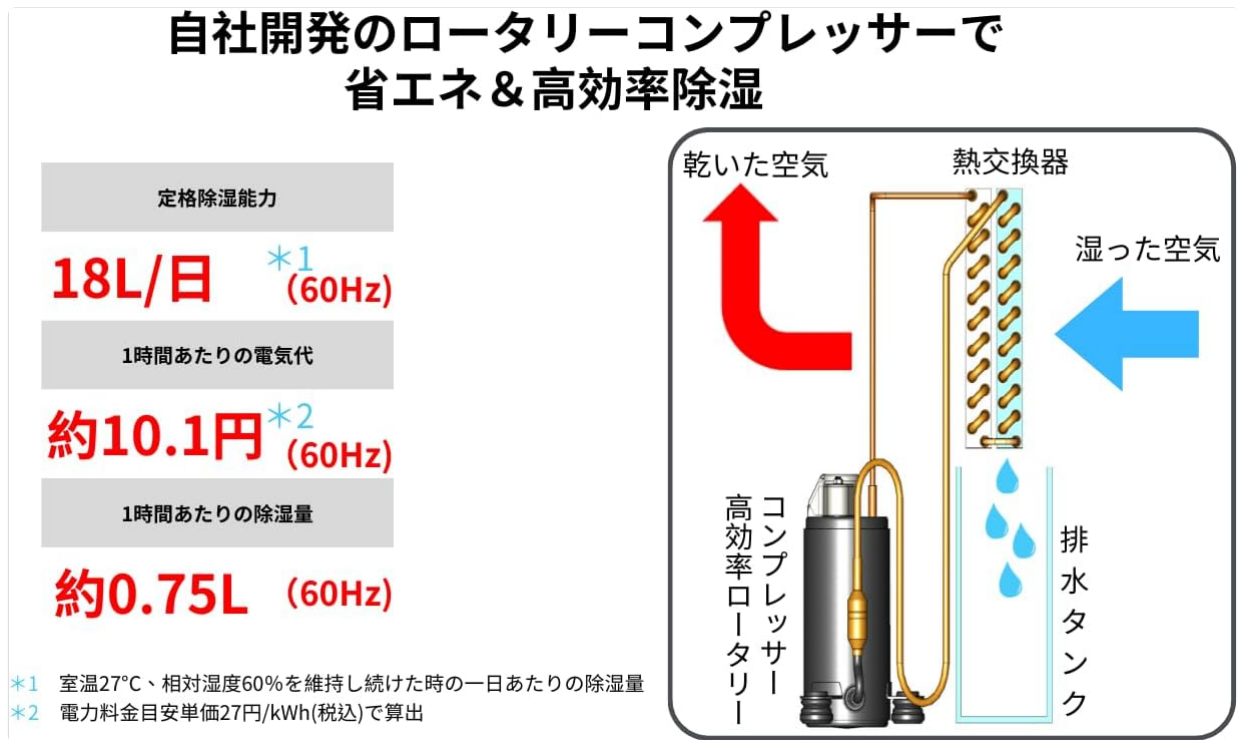


Figure 3.2: Diagram illustrating the dehumidification process with a rotary compressor and heat exchanger. Humid air enters, moisture is condensed into the water tank, and dry air is expelled.

4. SETUP AND INSTALLATION

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging for future storage or transport.
2. **Placement:**
 - Place the unit on a firm, level surface.
 - Ensure there is at least 20 cm (8 inches) of space around the air inlet and outlet for optimal performance.
 - Avoid placing near heat sources, direct sunlight, or in areas with excessive dust.

コンパクト 除湿が速い

太陽のように爽やかな体験を提供します。



Figure 4.1: Proper placement of the dehumidifier in a living space, ensuring adequate ventilation.

3. **Power Connection:** Plug the power cord into a grounded electrical outlet. Ensure the outlet meets the power requirements of the unit.
4. **Continuous Drainage (Optional):** For continuous operation without emptying the water tank, connect

a drainage hose (not included) to the continuous drainage port. Refer to the diagram in the manual for the exact location of the port.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the control panel and operating modes.

5.1. Control Panel

The control panel typically includes buttons for Power, Mode Selection, Humidity Setting, and Timer.

5.2. Power On/Off

- Press the **Power** button to turn the unit ON or OFF.

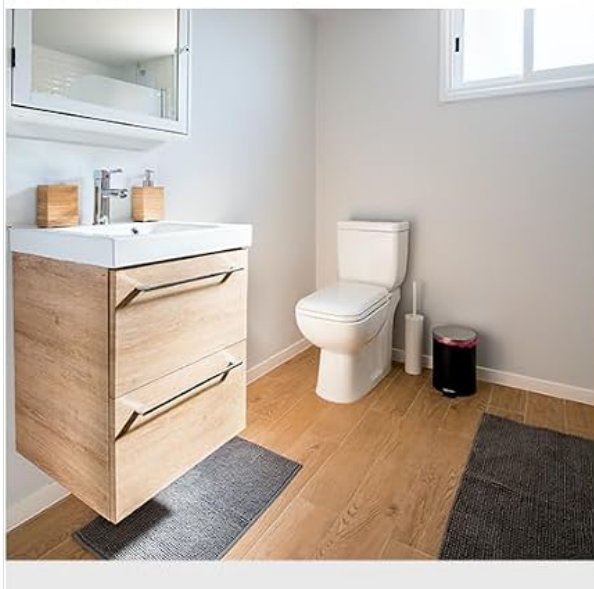
5.3. Mode Selection

The dehumidifier offers various operating modes:

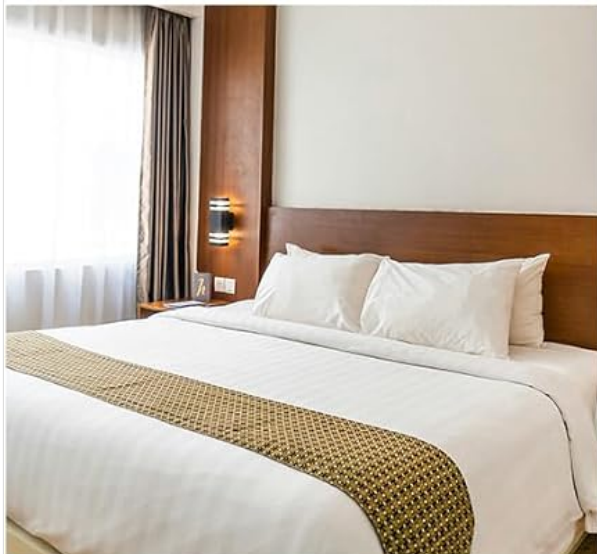
- **Dehumidification Mode:** Reduces general room humidity. Use the humidity setting to select your desired humidity level (e.g., 50-60% RH). The unit will operate to maintain this level.
- **Clothes Drying Mode:** Specifically designed to dry laundry quickly and efficiently. This mode often operates at a higher fan speed and continuous dehumidification to accelerate drying. It also helps prevent unpleasant odors.
- **High-Function Constant Humidity (RH Control):** Utilizes a high-precision humidity sensor to automatically adjust operation and maintain a set target humidity level throughout the day.

強力除湿
最短10分間で効果が出る
除湿力約18L/日、夏の寝苦しい夜でも
質の高い睡眠を確保できる

使用場所



トイレ



部屋

ワインセラー



クローゼット

Figure 5.2: The dehumidifier's high-function constant humidity control (RH control) feature, maintaining optimal humidity levels.

細やかな作り

タンクのハンドル設計

タンクハンドル付きで、
水の排出が便利です。





取り外し可能

常に清潔を保つ

厚みハンドル

持ち運びが容易



Figure 5.3: The dehumidifier in use for drying clothes, significantly reducing drying time and preventing damp odors.

5.4. Timer Function

- Press the **Timer** button to set the desired operating duration (e.g., 2, 4, 8 hours). The unit will automatically turn off after the set time.

6. MAINTENANCE AND CARE

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

6.1. Emptying the Water Tank

1. When the water tank is full, the unit will automatically stop operating and an indicator light may illuminate.
2. Carefully pull out the water tank from the unit.
3. Empty the collected water.
4. Reinsert the water tank firmly into its position. Ensure it is properly seated to resume operation.

高機能恒湿 RH調節

高精度温湿度センサーを内蔵し
目標湿度を設定し全天候動的除湿を行う



Figure 6.1: The water tank features a convenient handle for easy removal and emptying.

6.2. Cleaning the Air Filter

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

1. Turn off and unplug the dehumidifier.
2. Remove the air filter from the back of the unit. (Refer to the diagram for location).

3. Clean the filter with a vacuum cleaner or wash it with warm, soapy water.
4. Rinse thoroughly and allow it to air dry completely before reinserting.
5. Reinstall the dry filter into the unit.

衣類乾燥

部屋干しの衣類乾燥時間約60%カット！
生乾き臭を抑えながら、しっかり洗濯物を乾かす。



Figure 6.2: Removing the washable air filter for cleaning, ensuring continuous clean air output.

6.3. Exterior Cleaning

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

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord loose, water tank full.	Check power connection, ensure water tank is empty and correctly inserted.
No dehumidification.	Room temperature too low, air filter clogged, humidity setting too high.	Ensure room temperature is above 5°C, clean air filter, lower humidity setting.
Unusual noise.	Unit not on a level surface, foreign object inside.	Place on a level surface, check for and remove any foreign objects.
Water leakage.	Water tank not properly inserted, unit tilted.	Reinsert water tank correctly, ensure unit is level.

8. SPECIFICATIONS

Feature	Detail
Brand	AERIC
Model Number	WDH29A18E
Color	White, Gray
Dehumidification Capacity	18 liters/day
Water Tank Capacity	5.0 liters
Power Consumption	375 W
Dimensions (D x W x H)	24.4 x 34.6 x 50.4 cm
Item Weight	13.2 kg
Material	Acrylonitrile Butadiene Styrene (ABS)
Special Features	Timer, Removable Tank, Automatic Defrost, Continuous Drainage, Overheat Protection
Suitable Area (Wood)	50Hz: 28 tatami mats (approx. 45.4 m²), 60Hz: 32 tatami mats (approx. 51.8 m²)
Suitable Area (Concrete)	40Hz: 25 tatami mats (approx. 40.5 m²), 60Hz: 45 tatami mats (approx. 72.9 m²)
Manufacture Year	2024
Country of Origin	China

9. WARRANTY AND SUPPORT

AERIC products are manufactured under strict quality control to ensure reliability and longevity. For any inquiries, technical support, or warranty claims, please contact our customer service team.

Customer Support Email: sales@aeric.co.jp

Please provide your model number (WDH29A18E) and purchase details when contacting support to ensure prompt assistance.