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AEOCKY ARION-001

AEOCKY ARION-001 Dehumidifier User Manual

Model: ARION-001 | Brand: AEOCKY

1. INTRODUCTION

Thank you for choosing the AEOCKY ARION-001 Dehumidifier. This appliance is designed to efficiently remove excess moisture from your indoor environment, improving air quality and comfort. Please read this manual thoroughly before operating the unit to ensure safe and effective use. Keep this manual for future reference.

Format compact, performances de référence

Conçu avec des composants haut de gamme pour des performances exceptionnelles

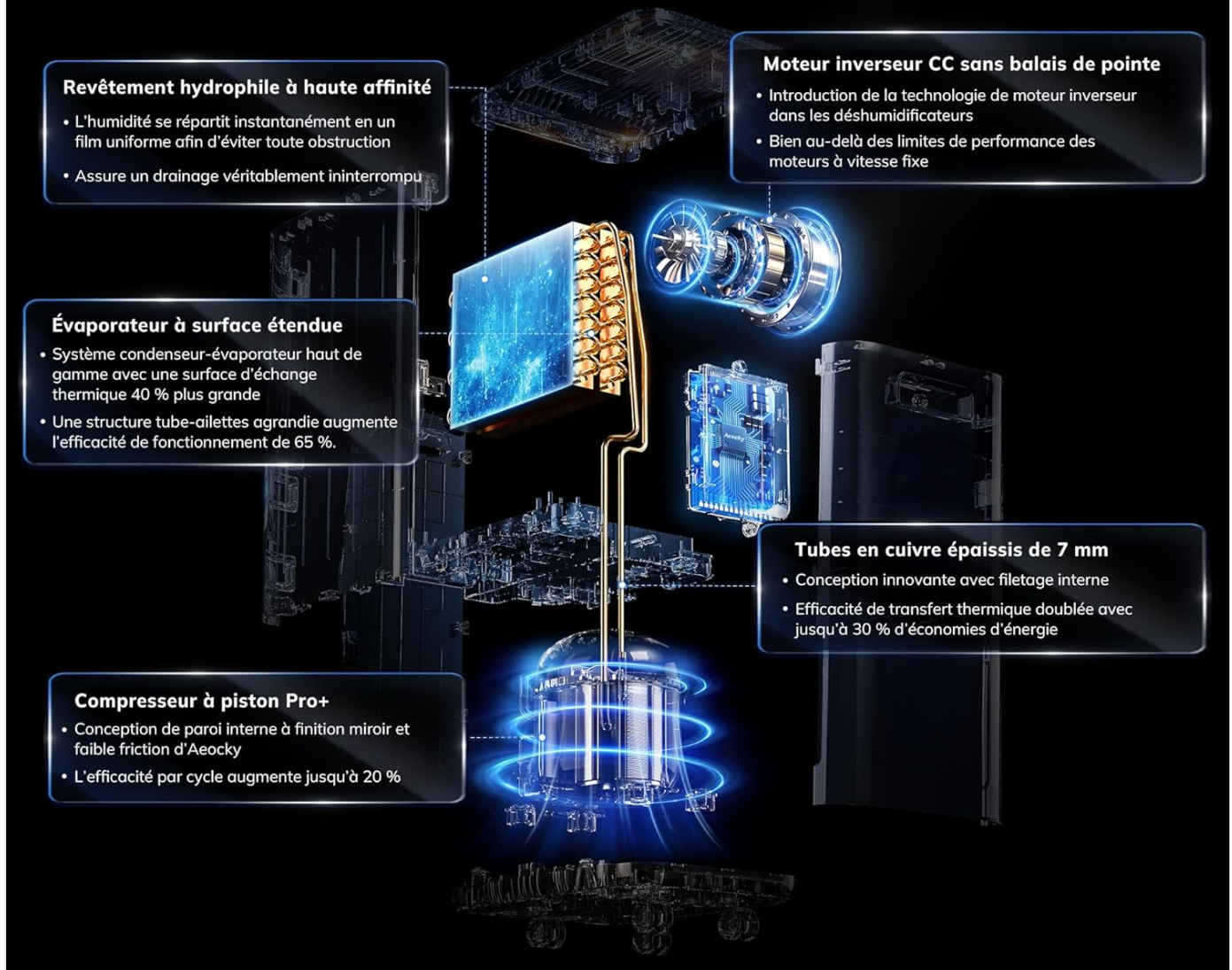


Image 1: Front view of the AEOCKY ARION-001 Dehumidifier.

2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury when using your dehumidifier, follow these basic precautions:

- Read all instructions before using the appliance.
- Ensure the power supply matches the rating label on the unit.
- Do not operate the unit with a damaged cord or plug.
- Do not block air inlets or outlets.
- Always unplug the unit before cleaning or servicing.
- Do not use the unit near flammable gases or combustibles.
- This appliance is equipped with a 4-step protection system, including 5VA flame-retardant materials and Class B insulation (130 °C) to resist overheating.
- The PCB (Printed Circuit Board) features a three-proof coating, and wiring is doubly insulated for reliable electrical

isolation in humid environments.

- TIG welded copper pipes (0.24 mm) are used to prevent leaks.
- Dual sensors ensure precise automatic shut-off to protect your floors from overflow.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.



Image 2: Illustration of the dehumidifier's safety features, including double-layer fire defense, electric shock protection, leak-free system, and intelligent anti-overflow.

3. PRODUCT OVERVIEW

The AEOCKY ARION-001 is a compact yet powerful dehumidifier designed for spaces up to 50 m² (200 m³), capable of removing up to 25 liters of moisture per day. It features advanced technology for efficiency and quiet operation.

Key Features:

- **High Efficiency:** 25 L/day dehumidification capacity.
- **Compact Design:** Slim 43 cm height, suitable for various spaces.
- **Advanced Compressor:** Pro+ piston compressor and inverter DC brushless motor for optimal performance and energy saving.
- **Durable Components:** 7mm internal threaded pure copper tubes and hydrophilic aluminum fins for enhanced heat exchange and longevity.
- **Flexible Mobility:** Optional 360° casters and a hidden handle for easy relocation.
- **Dual Drainage Options:** Transparent water tank with automatic shut-off when full, or continuous drainage via a hose (included).
- **Intuitive Control:** Easy switching between Continuous, Sleep, Auto, and Constant Humidity modes.
- **Quiet Operation:** Unique noise reduction system and dual air chamber design for ultra-silent performance, especially in Sleep mode.
- **Smart Humidity Sensor:** Automatic mode maintains humidity between 45% and 55%.

25 L/Jour Maîtrise chaque mètre carré

Assez compact pour les espaces étroits
Assez puissant pour toute la maison



Source des données : Statistic, données modélisées de la valeur des ventes au détail de déshumidificateurs sur Amazon aux États-Unis, couvrant la première semaine complète (05/01/2022) jusqu'à la dernière semaine complète (23/01/2022)

Modèle : ARION-001

Image 3: Technical diagram highlighting the dehumidifier's internal components, including the inverter motor, evaporator, and Pro+ piston compressor.

Cœur haute performance & entraînement intelligent



Performance

100% ↑

Aeocky

Autres

Précision

50% ↑

Aeocky

Autres

La technologie d'onduleur de précision et l'échantillonnage haute fréquence garantissent un fonctionnement stable et un contrôle supérieur de l'humidité

Image 4: Diagram illustrating the ArctiCore intelligent chip, featuring AI humidity control, defrost sensor, and millisecond monitoring.

4. SETUP AND INSTALLATION

4.1 Unpacking

Carefully remove the dehumidifier from its packaging. Inspect the unit for any shipping damage. Retain the packaging for future storage or transport.

4.2 Caster Installation (Optional)

The ARION-001 comes with optional 360° casters. You can choose to install them for easy mobility or leave them off for stable placement on elevated surfaces. If installing, simply attach the casters to the designated slots at the bottom of the unit. Ensure they are securely fastened.

Comment choisir un bon déshumidificateur à compresseur

Le système technologique **Arcticore** vous donne la réponse !

Configuration

Elle détermine les performances, la consommation d'énergie et la fiabilité

Performance

De meilleures performances signifient qu'il peut gérer des espaces plus grands

Fonctions intelligentes

Répond à des paramètres plus affinés et aux exigences d'économie d'énergie

Efficacité

Une plus grande efficacité signifie plus d'économies et de meilleures performances

Bruit

Bruit faible, ne dérange pas le sommeil

Durabilité

Durée de vie plus longue
Coûts d'entretien plus bas

Image 5: The dehumidifier's design, highlighting the optional casters and dual drainage system.

4.3 Placement

- Place the dehumidifier on a flat, stable surface.
- Ensure there is at least 20 cm (8 inches) of clearance around the unit for proper airflow.
- Avoid placing the unit near heat sources or in direct sunlight.
- For optimal performance, close all doors and windows in the room where the dehumidifier is operating.

4.4 Drainage Options

The ARION-001 offers two ways to collect condensed water:

1. **Water Tank:** Water collects in the internal transparent tank. The unit will automatically shut off when the tank is full, and an indicator light will illuminate. Empty the tank and reinsert it to resume operation.
2. **Continuous Drainage:** For extended operation without emptying the tank, attach the included drainage hose to the continuous drainage port on the back of the unit. Route the hose to a floor drain or a larger container, ensuring a downward slope for gravity drainage.

Arion, prêt pour chaque moment

Fonctionnalités complètes, opération simplifiée

Conception à double drainage

Vidange manuelle du réservoir ou drainage continu par tuyau — à votre choix



Système de mobilité à 360°

Léger à soulever, facile à vivre



Commande simple, action rapide

Démarrage à une touche pour une déshumidification ultra-rapide

CO Mode continu

☾ Mode sommeil

☾ Mode d'humidité constante

⌚ Mode automatique



*Afin d'assurer une meilleure stabilité lors d'une installation surélevée ou fixe, les roulettes ne sont pas préinstallées. Les roulettes sont incluses dans l'emballage et peuvent être installées selon les besoins.

Image 6: Side view of the dehumidifier, showing the transparent water collection tank.

5. OPERATING INSTRUCTIONS

5.1 Control Panel

The control panel is located on the top of the unit and features intuitive buttons for mode selection, fan speed, and power.

La sécurité est le luxe ultime

Protection de qualité ingénierie pour votre maison et votre famille



Défense contre le feu à double couche

Matériau à risque zéro d'incendie



Protection contre les chocs électriques

Isolation à 100% des environnements humides



Système sans fuite

Tuyauterie en cuivre scellée sous haute pression



Système intelligent anti-débordement

Arrêt automatique avec double vérification



Image 7: Close-up of the control panel with power, mode, and fan speed buttons.

5.2 Power On/Off

Press the **Power** button to turn the unit on or off.

5.3 Mode Selection

Press the **Mode** button to cycle through the following operating modes:

- **Continuous Mode:** The unit operates continuously, regardless of the ambient humidity level, ideal for very damp conditions or clothes drying.
- **Sleep Mode:** Operates at the lowest fan speed for ultra-quiet performance, suitable for bedrooms during the night.
- **Auto Mode:** The intelligent sensor automatically maintains the room's humidity level between 45% and 55% for optimal comfort and energy efficiency.
- **Constant Humidity Mode:** Allows you to set a specific target humidity level. The unit will operate until this level is reached and then cycle on/off to maintain it.

5.4 Fan Speed

Press the **Fan Speed** button to select between two fan speeds (Low and High). Use high speed for faster dehumidification or clothes drying, and low speed for quieter operation.

5.5 Clothes Drying Function

To accelerate laundry drying, place the dehumidifier under hanging clothes in a small, enclosed space. Select **Continuous Mode** and set the fan speed to **High (Level 2)**.

6. MAINTENANCE

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

6.1 Emptying the Water Tank

When the water tank is full, the unit will stop operating and an indicator light will illuminate. Carefully pull out the water tank, empty the collected water, and slide it back into place until it clicks securely. The unit will then 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. A dirty filter can reduce efficiency and airflow.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate the air filter (usually at the back or side of the unit).
3. Remove the filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinstalling. Do not use a dishwasher.
5. Reinsert the dry filter into the unit.

6.3 General Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these can damage the surface. Ensure no water enters the electrical components.

7. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, circuit breaker tripped.	Ensure unit is plugged in, check power outlet, reset circuit breaker.
Unit is running but not collecting water.	Room temperature too low (below 5°C/41°F), humidity too low, air filter clogged, unit in fan-only mode.	Ensure room temperature is adequate, check humidity setting, clean air filter, select appropriate dehumidification mode.
Water tank is full, but unit is still running.	Water tank not properly seated, float switch malfunction.	Remove and reinsert water tank securely. If problem persists, contact support.

Problem	Possible Cause	Solution
Unit is noisy.	Unit not on a level surface, air filter clogged, normal compressor noise.	Place unit on a level surface. Clean air filter. Some compressor noise is normal; use Sleep mode for quieter operation.
Water leaking from the unit.	Water tank not properly seated, continuous drainage hose improperly connected or blocked.	Ensure water tank is correctly inserted. Check continuous drainage hose for proper connection and obstructions.

8. SPECIFICATIONS

Feature	Detail
Brand	AEOCKY
Model Name	ARION-001
Dehumidification Capacity	25 Liters per day
Applicable Floor Area	Up to 50 m ² (200 m ³)
Water Tank Volume	1.9 Liters
Product Dimensions (D x W x H)	26.7 x 20.4 x 43.2 cm
Color	White
Power	360 Watts
Voltage	220 Volts
Number of Speeds	2
Operating Modes	Continuous, Auto, Sleep, Constant Humidity
Special Features	Automatic mode, intelligent humidity sensor, energy saving, compact and portable
UPC	850070532884
GTIN	850070532884
Country of Origin	China

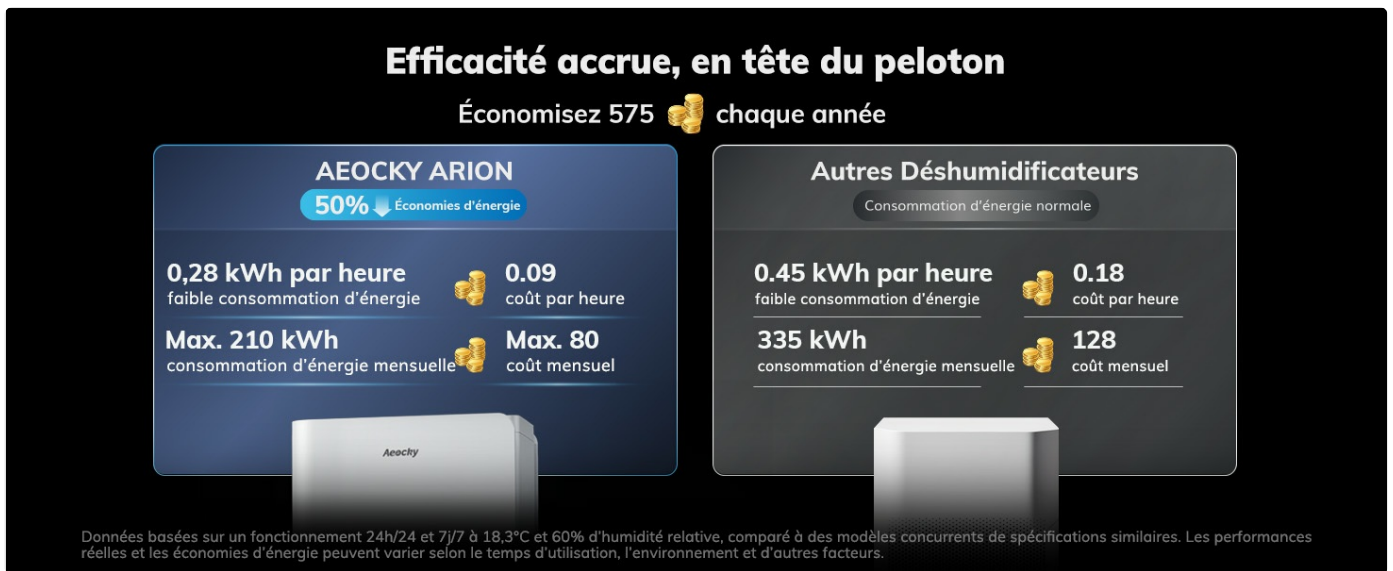


Image 8: Energy efficiency comparison chart, showing AEOCKY ARION's lower power consumption compared to other dehumidifiers.

9. WARRANTY AND SUPPORT

The AEOCKY ARION-001 Dehumidifier is engineered for long-term reliability and consistent performance. It features a dual ball bearing motor, high-pressure copper refrigerant lines, and a moisture-protected PCB to ensure stable operation year after year. Reinforced compressor damping and precision welds reduce wear, while ceramic sensors maintain accurate measurements over time.

While the product is designed for 5 years of use without performance loss, specific warranty terms and conditions may vary by region and retailer. Please refer to your purchase documentation or contact AEOCKY customer support for detailed warranty information.

Customer Support:

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact AEOCKY customer support through the retailer where you purchased the product or visit the official AEOCKY website.

Briser l'arnaque de l'obsolescence programmée de l'industrie

Forgés par le feu, nous osons offrir un soutien au-delà des normes de l'industrie



Des matériaux supérieurs aux normes de l'industrie
Matériau ABS épais & tube en cuivre épais



Défier les limites du produit
Test en conditions extrêmes : pression haute/basse, temp., humidité

3 - ANNÉES - MACHINE

5 - ANNÉES - COMPRESSEUR



Assurer la stabilité du transport
10 000+ test de chute, de empilement & de vibration



Maximiser l'évitement des problèmes potentiels
Test d'endurance de vieillissement 50 000 h à grande échelle

Image 9: Diagram showcasing the superior materials, extreme condition testing, and quality assurance processes that contribute to the product's durability.

