Awenta 1

AWENTA System + Fan Housing Ø 100, White

User Manual

Model: 1 | Brand: Awenta

1. Introduction

This user manual provides essential information for the safe and efficient installation, operation, and maintenance of your AWENTA System + Fan Housing Ø 100. Please read this manual thoroughly before using the product and keep it for future reference. This product is designed to provide effective ventilation in various settings.



Figure 1: Front view of the AWENTA System + Fan Housing Ø 100. This image displays the white, square-shaped fan unit with its central circular fan and mounting holes at each corner.

2. Safety Instructions

Always adhere to the following safety precautions to prevent injury or damage to the product.

- **Electrical Safety:** Ensure the power supply is disconnected before installation, maintenance, or troubleshooting. All electrical connections must be performed by a qualified electrician in accordance with local electrical codes.
- **Installation:** Install the fan in a location that allows for proper airflow and is free from obstructions. Do not install in areas with excessive moisture or flammable materials.
- **Operation:** Do not insert fingers or foreign objects into the fan while it is operating. Keep children and pets away from the unit.
- **Maintenance:** Only perform maintenance as described in this manual. Use only original spare parts if replacement is necessary.
- **Damage:** If the product is damaged, do not attempt to operate it. Contact customer support for assistance.

3. Package Contents

Carefully unpack the box and verify that all items are present and undamaged. If any items are missing or damaged, contact your retailer immediately.

- 1 x AWENTA System + Fan Housing Ø 100 (Model 1)
- 1 x User Manual (this document)

4. Setup and Installation

Follow these steps for proper installation of your AWENTA fan unit.

1. **Prepare the Installation Area:** Ensure the mounting surface is flat, stable, and capable of supporting the fan's weight. The fan is designed for a Ø 100mm duct opening.
2. **Mounting:** Position the fan unit over the duct opening. Use appropriate screws (not included) to secure the fan through the four mounting holes located at each corner of the unit.



Figure 2: Side view of the AWENTA System + Fan Housing. This image illustrates the depth of the fan unit and its cylindrical duct connection, which fits into a Ø 100mm opening.

3. **Electrical Connection:**
    - *Before connecting, ensure the main power supply is OFF.*
    - Connect the power cable to the 3-pin power connector on the fan unit. Refer to the wiring diagram on the product label (Figure 3) for correct polarity and connections.
    - The fan operates on 12 Volts. Verify your power supply matches this requirement.



Figure 3: Rear view of the AWENTA System + Fan Housing. This image shows the fan blades and the product label, which contains electrical specifications and certifications.

4. **Test Operation:** Once installation and wiring are complete, restore power and test the fan's operation. Ensure it runs smoothly and quietly.

5. Operating Instructions

The AWENTA System + Fan Housing Ø 100 is designed for continuous or intermittent ventilation. Its operation is typically controlled by an external switch (not included) connected to its power supply.

- **Turning On/Off:** Activate or deactivate the fan using the external switch connected to its power source.
- **Airflow:** Ensure the fan's intake and exhaust vents are clear of obstructions for optimal performance.

6. Maintenance

Regular maintenance ensures the longevity and efficient operation of your fan unit.

- **Cleaning:**
  - *Always disconnect power before cleaning.*
  - Periodically clean the fan blades and housing to remove dust and debris. Use a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the fan for any signs of wear, damage, or loose connections. If any issues are found, address them promptly or contact support.

7. Troubleshooting

If you encounter issues with your fan, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply; faulty wiring; external switch off.	Check power connection; verify wiring; ensure external switch is on. Consult a qualified electrician if unsure.
Fan is unusually noisy.	Accumulation of dust/debris on blades; loose mounting; internal component issue.	Disconnect power and clean blades; check mounting screws; if noise persists, contact support.
Reduced airflow.	Blocked intake/exhaust; dirty fan blades.	Clear any obstructions; disconnect power and clean fan blades.

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

8. Specifications

Key technical specifications for the AWENTA System + Fan Housing Ø 100.

Feature	Detail
Brand	Awenta
Item Model Number	1
ASIN	B0749CMTV3
Power Connector Type	3-pin
Voltage	12 Volts
Power	13.6 Watts
Cooling Method	Air
Compatible Devices	Computer (*Note: This may refer to general electronic compatibility, as the product is a ventilation fan.*)
Material	Plastic, Metal
Number of Items	1
Package Dimensions	13.9 x 13.5 x 9.8 cm; 444 grams

Feature	Detail
Country of Origin	Germany
Spare Parts Availability	Information unavailable
Date First Available on Amazon.com.be	October 6, 2020
No Longer Produced by Manufacturer	No

9. Warranty and Support

AWENTA products are manufactured to high-quality standards. For any questions, technical assistance, or warranty inquiries, please contact your retailer or the manufacturer directly.
Please retain your proof of purchase for any warranty claims.

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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.

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