

GOWENIC RS-24C

GOWENIC RS-24C Automatic Air Conditioner Condensate Drain Pump User Manual

Model: RS-24C (Part No. GOWENICj17o4a5lqy)

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your GOWENIC RS-24C Automatic Air Conditioner Condensate Drain Pump. This pump is designed for efficient water elevation from air conditioning units, offering quiet operation and versatile application for 1-3P wall-mounted units in both domestic and office environments.

2. SAFETY INSTRUCTIONS

- Always disconnect power before installation, maintenance, or troubleshooting.
- Ensure the pump is installed by a qualified professional to prevent electrical hazards or improper operation.
- Do not operate the pump if it appears damaged or if any wires are frayed.
- This product's maximum flow rate is 400 ml per minute. Confirm the drainage volume and speed of your air conditioning unit before purchase and installation. If the input volume exceeds the output volume, it may lead to leakage. Consider a pump with a larger displacement if necessary.
- Ensure the equipment is installed horizontally and that there are no blockages or bends in the water drainage path.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all the following items are present:

- 1 x Condensate Drain Pump
- 1 x Hose
- 2 x Cable Ties
- 2 x Screws
- 2 x Expansion Plugs

- 3 x Accessories (fittings)



Figure 3.1: GOWENIC RS-24C Condensate Drain Pump with all included accessories, including the pump unit, hose, cable ties, screws, expansion plugs, and various fittings.

4. PRODUCT OVERVIEW

The GOWENIC RS-24C pump features a compact design with a white main body and a blue transparent water tank. It includes electrical wiring for connection and various ports for water inlet and outlet.



Figure 4.1: Front view of the GOWENIC RS-24C pump, showing the main unit, connected electrical wires, and the water outlet.



Figure 4.2: Side view of the GOWENIC RS-24C pump, highlighting the water outlet port and the overall compact design.

5. SPECIFICATIONS

Feature	Specification
Model	RS-24C
Voltage	100-240V, 50-60Hz
Maximum Lift	Approx. 10 m (32.8 ft)
Maximum Flow Rate	24 L/h (0.07 L/min or 400 ml/min)
Water Tank Capacity	70 ml
Applicable AC Power	1-3P Wall-Mounted Units (up to 10 kW)

Feature	Specification
Noise Level	19 dB (Operating noise as low as 22 dB)
Motor Power	5 W
Operation Level	Non-continuous
Control	Imported chip control
Features	Silent, no vibration, compact size, easy installation

6. INSTALLATION

The GOWENIC RS-24C pump is designed for easy and quick installation, particularly suitable for 1-3P wall-mounted air conditioning units. Follow these general guidelines:

- Mounting:** Securely mount the pump in a location that allows for proper drainage and access for maintenance. Ensure the pump is installed horizontally to ensure correct operation.
- Drainage Connection:** Connect the air conditioner's condensate drain hose to the pump's inlet. Ensure a tight and leak-free connection.
- Discharge Connection:** Connect the provided hose to the pump's outlet and route it to a suitable drainage point. Ensure the discharge hose is free of kinks or blockages that could impede water flow.
- Electrical Connection:** Connect the pump's electrical wires to the appropriate power source, following local electrical codes and safety guidelines. Ensure the power supply matches the pump's voltage requirements (100-240V, 50-60Hz).
- Testing:** After installation, test the pump by allowing the air conditioner to produce condensate. Verify that the pump activates, drains water efficiently, and that there are no leaks.



Figure 6.1: An alternative view of the GOWENIC RS-24C pump, useful for understanding its dimensions and connection points during installation.

7. OPERATION

The GOWENIC RS-24C is an automatic condensate drain pump. It operates silently, with a motor ensuring noise levels as low as 22 decibels, providing a quiet environment. The pump will automatically activate when the water level in its tank reaches a certain threshold and will shut off once the water is drained, ensuring efficient and continuous condensate removal from your air conditioning unit.

8. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your condensate drain pump:

- **Cleaning:** Periodically inspect the water tank and inlet/outlet hoses for any debris, sludge, or blockages. Clean as necessary to prevent clogs and ensure smooth operation.
- **Hose Inspection:** Check the drainage hoses for any kinks, cracks, or damage that could lead to leaks or reduced flow.
- **Electrical Check:** Ensure all electrical connections are secure and free from corrosion.

9. TROUBLESHOOTING

If you encounter issues with your GOWENIC RS-24C pump, refer to the following:

- **Pump Not Draining / Leakage:**
 - Verify that the input volume of condensate from the AC unit does not exceed the pump's maximum flow rate

(400 ml/min). If it does, a pump with a larger displacement may be required.

- Check if the pump unit is installed horizontally. Improper leveling can affect sensor operation and drainage.
- Inspect all hoses and connections for any blockages, kinks, or bends that might restrict water flow.
- Ensure the power supply is connected and functioning correctly.

- **Excessive Noise:**

- While designed for quiet operation, ensure the pump is securely mounted and not vibrating against other surfaces.
- Check for any debris inside the pump or tank that might be causing unusual sounds.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the point of purchase or contact GOWENIC customer service directly. Keep your purchase receipt as proof of purchase.

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