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› Blue Diamond MicroBlue X86-011 Dual Voltage 115-230V Condensate Removal Pump With Slim Fascia Kit Instruction Manual

Blue Diamond X86-011

Blue Diamond MicroBlue X86-011 Condensate Removal Pump Instruction Manual

Model: X86-011

INTRODUCTION

The Blue Diamond MicroBlue X86-011 is a state-of-the-art dual voltage condensate removal pump designed for HVAC systems. It features patented Rotary Diaphragm and condensate sensing technology, allowing it to self-prime, run-dry, and be mounted in various orientations up to 6 feet away from the air conditioning unit. Its compact, anti-vibration design makes it ideal for discreet installations.

Key Features:

- Dual Voltage: Operates on 115-230V, 0.08-0.05A, 50/60Hz.
- High Flow Rate: Achieves a maximum flow rate of 1.3 Gallons per Hour (4.92 Liters per Hour).
- Impressive Head and Lift: Supports a maximum head of 16 feet and a maximum lift of 6 feet.
- Quiet Operation: Produces a low sound pressure of 17 dBA.
- Advanced Technology: Utilizes patented Rotary Diaphragm and condensate sensing technology.
- Flexible Installation: Self-priming, run-dry capability, and versatile mounting options.

PRODUCT OVERVIEW

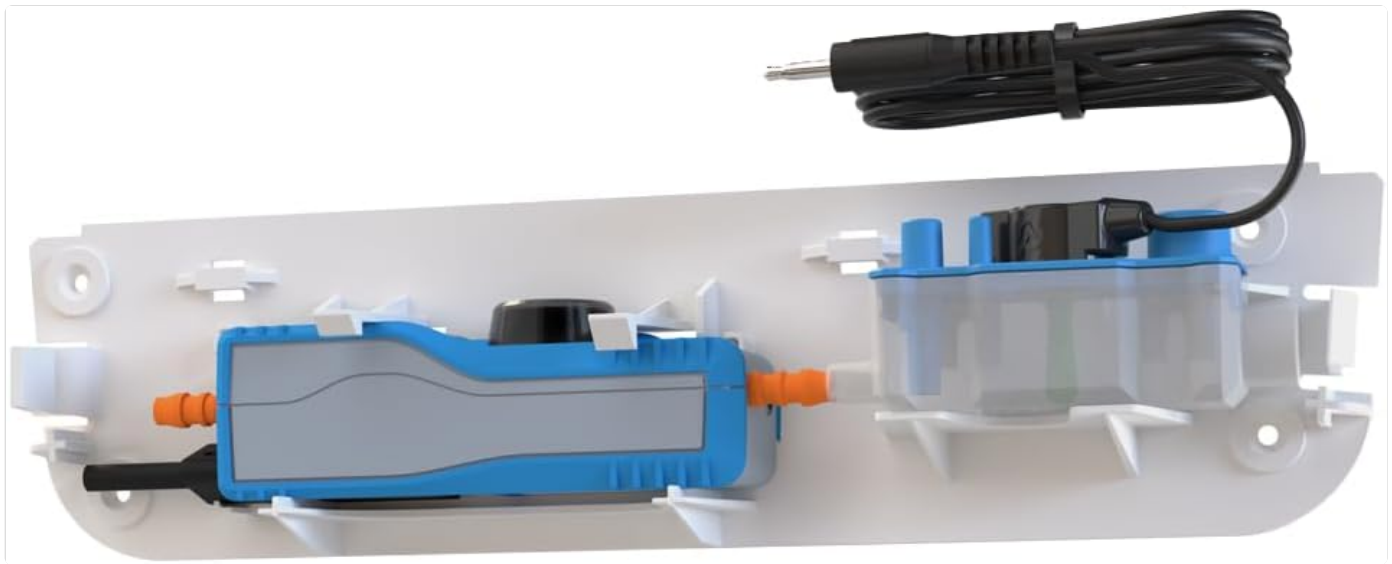


Image: The Blue Diamond MicroBlue X86-011 condensate removal pump, showing its compact design and integrated components, including the pump unit, reservoir, and power cable. The pump is mounted on a white fascia kit, highlighting its slim profile suitable for discreet installations.

The MicroBlue pump is designed for efficient and quiet removal of condensate from air conditioning and refrigeration systems. Its robust construction ensures reliable performance, while its compact size allows for flexible installation in various environments, including within conduit or other confined spaces.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your MicroBlue pump. Please follow these general guidelines. For detailed, step-by-step instructions, refer to the comprehensive installation guide included in your product packaging or available on the manufacturer's website.

1. **Unpack Components:** Carefully remove all items from the packaging. Verify that all components listed in the packing list are present.
2. **Choose Location:** Select a suitable mounting location for the pump. The MicroBlue can be mounted in any orientation up to 6 feet away from the air conditioning unit. Ensure the location allows for easy access for future maintenance.
3. **Mounting:** Securely mount the pump using the provided slim fascia kit or appropriate mounting hardware. Ensure the pump is level and stable.
4. **Connect Inlet/Outlet Hoses:** Connect the condensate drain line from the air conditioning unit to the pump's inlet. Connect the pump's outlet to a suitable drain. Ensure all connections are secure and leak-free.
5. **Electrical Connection:** Connect the pump to a compatible power supply (115-230V, 50/60Hz). Ensure all electrical connections comply with local electrical codes and safety regulations. It is recommended to have this step performed by a qualified electrician.
6. **Test Operation:** After installation, perform a test run to ensure the pump operates correctly and there are no leaks.

Important Safety Note: Always disconnect power before performing any installation or maintenance procedures. Consult a qualified professional if you are unsure about any installation steps.

OPERATING INSTRUCTIONS

The Blue Diamond MicroBlue X86-011 pump is designed for automatic operation. Once properly installed and powered, it will automatically detect condensate levels and activate to remove water as needed.

- **Automatic Operation:** The pump's patented condensate sensing technology will automatically turn the pump on when condensate levels rise and turn it off when the reservoir is emptied.
- **Run-Dry Protection:** The pump is designed to run dry without damage, providing enhanced durability and reliability.
- **Power Indicator:** Some models may feature an LED indicator to show power status or operational mode. Refer to your specific model's documentation for details.

No user intervention is typically required during normal operation. Ensure the pump's power supply remains uninterrupted for continuous condensate removal.

MAINTENANCE

Regular maintenance ensures the efficient and long-lasting performance of your MicroBlue condensate pump. Perform these checks periodically:

- **Power Disconnection:** Always disconnect the pump from the power supply before performing any maintenance.
- **Inspect Hoses:** Check the inlet and outlet hoses for any kinks, blockages, or signs of wear. Ensure they are securely connected.
- **Clean Reservoir:** Periodically inspect the condensate reservoir for sludge, mold, or debris buildup. Clean the reservoir as needed using a mild detergent and water. Rinse thoroughly.
- **Check for Leaks:** After cleaning or reassembly, check for any leaks around connections when the pump is operating.
- **Environmental Check:** Ensure the area around the pump is clear of obstructions and debris that could impede its function or airflow.

The frequency of maintenance depends on the operating environment and the quality of the condensate. In dusty or humid environments, more frequent checks may be necessary.

TROUBLESHOOTING

If you encounter issues with your MicroBlue pump, consult the following common troubleshooting steps. For more complex problems, contact customer support.

Problem	Possible Cause	Solution
Pump not running	No power; Clogged inlet/outlet; Faulty sensor	Check power supply; Clear blockages; Contact support
Pump runs continuously	Blocked outlet; Air leak in inlet; Faulty sensor	Check outlet for kinks/blockages; Ensure tight connections; Contact support
Water leakage	Loose connections; Cracked housing; Overfilled reservoir	Tighten connections; Inspect pump for damage; Check float switch operation
Excessive noise	Vibration; Debris in pump; Air in system	Ensure secure mounting; Clean pump; Bleed air from system if applicable

Always ensure the pump is disconnected from power before attempting any troubleshooting or repairs.

SPECIFICATIONS

Model: X86-011

Manufacturer: Blue Diamond

Voltage: 115-230V

Current: 0.08-0.05A

Frequency: 50/60Hz

Max Flow Rate: 1.3 GPH (4.92 Liters Per Hour)

Max Head: 16 Feet

Max Lift: 6 Feet

Sound Pressure: 17 dBA

Item Weight: 2 Pounds

Power Source: Corded Electric

Included Components: MicroBlue Dual Voltage Condensate Removal Pump With Slim Fascia Kit

WARRANTY INFORMATION

The Blue Diamond MicroBlue X86-011 pump is covered by a manufacturer's warranty. For specific details regarding the warranty period and terms, please refer to the warranty card included with your product or visit the official Blue Diamond website. Typically, Blue Diamond products are covered by a market-leading 3-year warranty.

Keep your proof of purchase for any warranty claims.

SUPPORT AND CONTACT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Blue Diamond customer support.

Manufacturer: Blue Diamond

Website: [www.bluediamondpumps.com](#) (Example link, verify actual website)

Customer Service: Refer to the manufacturer's website for contact numbers or email support.

When contacting support, please have your product model number (X86-011) and purchase date available.

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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