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## MSELTOS JN-206

# MSELTOS Automatic Small Sump Pump with Water Sensor User Manual

Model: JN-206 | Brand: MSELTOS

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your MSELTOS Automatic Small Sump Pump with Water Sensor. Designed for hassle-free condensate removal, this compact pump is suitable for various applications including commercial ice machines, portable AC units, dehumidifiers, and other gravity drainage systems. Please read this manual thoroughly before use to ensure optimal performance and longevity of your pump.



Image 1: The MSELTOS Automatic Small Sump Pump with Water Sensor, showing its compact design and included tubing and power adapter.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Automatic Condensate Removal:** Designed for efficient and hassle-free drainage from dehumidifiers, AC units, ice makers, and other water accumulation scenarios.
- **Dual Water Level Sensing Technology:** Automatically activates when water reaches the high sensor (1.4 inches) and deactivates when it drops to the low sensor (0.8 inches), preventing frequent starts and enhancing pump lifespan.
- **High Performance:** Features a 5 ft max head and 55 GPH max flow rate, capable of meeting most daily drainage needs.
- **Ultra-Quiet Operation:** Operates at a noise level below 15 dB, making it suitable for quiet environments like bedrooms and offices.
- **Compact Size:** Mini dimensions (2.24" × 1.38" × 2.2") allow for seamless integration into various water reservoirs.
- **Durable Construction:** Engineered for long-lasting performance with a service life of up to 10 years, tested for 100,000 start-stop cycles.

## 2.2 Package Contents

The following items are included in your product package:

- Condensate Pump × 1
- Power Adapter × 1
- Sponge Filter × 2
- 6 ft Tubing (1/3 inch I.D.) × 1
- Instruction Manual × 1 (This document)

# Parts In The Box



**Drain Pump × 1**



**Power Adapter × 1**



**Tubing × 1**



**Sponge Filter × 2**

*Image 2: All components included in the MSELTOS Sump Pump package.*

## 3. SETUP & INSTALLATION

Follow these steps for proper setup and installation of your MSELTOS Sump Pump:

1. **Install Sponge Filter:** Locate the sponge filter and install it onto the pump's intake port. This prevents debris from entering the pump and ensures smooth operation.

2. **Priming the Pump:** Before connecting the tubing, it is crucial to prime the pump. Submerge the pump completely in water to eliminate any trapped air. Connect the power supply briefly to allow the pump to draw water and expel air. Once water is consistently flowing, the pump is primed.
3. **Connect Tubing:** Attach the provided 6 ft tubing (1/3 inch I.D.) to the pump's outlet nozzle. Ensure the connection is secure and the tubing is free of kinks to maintain optimal water flow.
4. **Placement:** Place the pump inside the water reservoir of your dehumidifier, AC unit, or other water collection area. The pump's compact size allows it to fit into small spaces. Ensure the pump is fully submerged when operating.
5. **Route Drainage Line:** Route the tubing to a suitable drainage location, such as a sink, floor drain, or outdoors. The pump can lift water up to 5 feet vertically.
6. **Power Connection:** Connect the power adapter to the pump and then plug it into a standard 100V-240V electrical outlet. The pump will automatically begin operation when the water level reaches the activation sensor.

## Install It In The Reservoir Of The Dehumidifier



***The super mini size makes it possible to install it inside the dehumidifier's water tank.***

*Image 3: Illustration of the pump installed within a dehumidifier's water tank.*

# Smart Water Sensor

Keep the water level lower than  
0.8 inches



**Sponge Fliter**  
Effective prevent clogging

Image 4: Detail of the dual water level sensors and the sponge filter for preventing clogs.

## 3.1 Installation Demonstration Video

Your browser does not support the video tag.

Video 1: This video demonstrates the unboxing, component identification, pump priming process, and installation steps for the MSELTOS Mini Condensate Pump. It highlights the importance of priming for optimal water lifting height.

## 4. OPERATING INSTRUCTIONS

The MSELTOS Automatic Small Sump Pump is designed for fully automatic operation. Once properly installed and powered, it requires minimal user intervention.

- **Automatic Activation:** The pump will automatically turn on when the water level in the reservoir reaches the upper water level sensor (approximately 1.4 inches).
- **Automatic Deactivation:** The pump will automatically turn off when the water level drops to the lower water level sensor (approximately 0.8 inches), indicating successful drainage.
- **Continuous Operation:** The pump will continue this cycle as needed, ensuring continuous water removal without manual emptying.
- **Quiet Performance:** The pump operates quietly (below 15 dB), making it suitable for use in living spaces without causing disturbance.

# Almost No Working Noise

## Super Quiet & Energy Saving

4 silicone suction cups at the bottom, fix the water pump and reduce noise.



Image 5: The pump's quiet operation, ideal for use in bedrooms or other quiet areas.

### 4.1 Drainage Capability Demonstration

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Video 2: This video illustrates the pump's ability to handle various daily drainage needs, showcasing its effectiveness in different scenarios.

## 5. MAINTENANCE

Regular maintenance ensures the long-term performance and efficiency of your sump pump.

- **Sponge Filter Cleaning:** Periodically inspect and clean the sponge filter to prevent clogging and maintain optimal water intake. Remove the filter, rinse it under clean water, and reattach it.
- **Tubing Inspection:** Check the drainage tubing regularly for any kinks, blockages, or signs of wear. Ensure a clear path for water flow.
- **Pump Housing Cleaning:** If necessary, clean the exterior of the pump housing with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Water Quality:** While the pump is designed to handle various water conditions, extremely dirty or corrosive water may affect its lifespan.



Image 6: The pump is designed for condensate and constant water removal in various settings.

## 6. TROUBLESHOOTING

If you encounter issues with your MSELTOS Sump Pump, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Pump not turning on.	No power; water level too low; clogged intake.	Check power connection. Ensure water level reaches 1.4 inches. Clean sponge filter.
Pump runs but no water is discharged.	Pump not primed; kinked or blocked tubing; insufficient water.	Re-prime the pump (submerge fully and power on briefly). Check tubing for obstructions. Ensure sufficient water in reservoir.
Pump runs continuously.	Lower water sensor obstructed or faulty; continuous water inflow.	Check lower sensor for debris. Verify water inflow rate is not exceeding pump capacity.
Excessive noise during operation.	Air in pump; pump not stable; debris in pump.	Re-prime the pump. Ensure pump is stable on suction cups. Clean sponge filter and check for internal debris.

## 7. SPECIFICATIONS

Specification	Value
Brand	MSELTOS
Model Number	JN-206
Product Dimensions	2.24"L x 1.38"W x 2.2"H
Item Weight	2.82 Ounces
Power Source	Corded Electric
Voltage	115 Volts (adaptable 100V ~ 240V)
Wattage	3 watts
Maximum Flow Rate	0.9 Gallons Per Minute (55 GPH)
Maximum Lifting Height	5 Feet
Max Drainage Water Temperature	113 °F (45 °C)
Material	Plastic
Color	White

## 8. WARRANTY & SUPPORT

MSELTOS is committed to providing high-quality products and excellent customer service. Your MSELTOS Automatic Small Sump Pump is designed for durability and long-lasting performance.

- For any product-related inquiries, technical assistance, or warranty claims, please contact MSELTOS customer support.
- Refer to the contact information provided on the product packaging or the official MSELTOS website for the most up-to-date support details.

We value your satisfaction and are here to assist you with any questions or concerns.