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Zoeller 73-0001

Zoeller 73-0001 Model M73 Dewatering Pump User Manual

0.33 HP, 115V, Automatic Operation

1. Introduction

Thank you for choosing the Zoeller 73-0001 Model M73 Dewatering Pump. This pump is designed for efficient removal of unwanted water in various applications, including emergency situations, rain, and snow melt. It features a robust construction with cast iron, plastic, and stainless steel components, ensuring durability and reliable performance. This manual provides critical information for the safe installation, operation, and maintenance of your pump. Please read it thoroughly before use.



Figure 1: Zoeller 73-0001 Model M73 Dewatering Pump. This image shows the overall design of the pump, highlighting its compact form factor and robust construction.

2. Safety Information

WARNING: Failure to follow these safety instructions could result in electric shock, fire, serious injury, or death.

- Always disconnect power to the pump before attempting any service, maintenance, or installation.
- Ensure the pump is connected to a properly grounded 115V AC outlet with a Ground Fault Circuit Interrupter (GFCI) for electrical safety.
- Do not operate the pump with a damaged cord or plug. Replace immediately if damaged.
- Do not use this pump for flammable liquids, corrosive chemicals, or potable water. It is designed for dewatering applications only.
- Keep hands, feet, and clothing away from moving parts during operation.
- Ensure the pump is placed on a stable, level surface to prevent tipping.
- This pump is not intended for use in swimming pools or marine areas.

- Do not lift the pump by its power cord. Use the handle provided.

3. Setup and Installation

1. **Placement:** Position the pump on a firm, level surface in the area to be dewatered. Ensure the intake is clear of debris. The pump is designed for above-ground use.
2. **Discharge Hose Connection:** Attach a suitable discharge hose to the pump's outlet. Ensure the connection is secure to prevent leaks. The hose should be routed to a safe discharge point away from the area being dewatered.
3. **Electrical Connection:** Plug the 9-foot power cord into a dedicated 115V, 1-phase, 60 Hz grounded electrical outlet protected by a GFCI. Do not use extension cords unless absolutely necessary, and ensure any extension cord is rated for outdoor use and appropriate amperage.
4. **Automatic Operation:** The Model M73 features automatic operation via an integrated float switch. Ensure the float switch has sufficient clearance to move freely up and down. The pump will activate when the water level rises and lifts the float, and deactivate when the water level drops and the float returns to its lower position.

4. Operating Instructions

1. **Initial Start-up:** After installation, ensure all connections are secure and the pump is positioned correctly. Plug the pump into the GFCI-protected outlet. The pump will activate automatically once the water level reaches the float switch's activation point.
2. **Monitoring:** Periodically check the pump's operation to ensure it is functioning correctly and the discharge hose is not obstructed. Verify that the float switch is moving freely.
3. **Shut Down:** For temporary shut down, simply unplug the pump from the electrical outlet. For extended storage, follow the maintenance and storage guidelines.
4. **Specific Uses:** This pump is ideal for emergency dewatering, removing standing water after heavy rain, or melting snow. Its automatic feature makes it suitable for unattended operation in these scenarios.

5. Maintenance

Regular maintenance ensures the longevity and efficient operation of your Zoeller M73 pump. Always disconnect power before performing any maintenance.

- **Inspect Intake:** Periodically check the pump's intake screen for debris such as leaves, mud, or small stones. Clear any obstructions to maintain optimal flow.
- **Check Float Switch:** Ensure the float switch is clean and moves freely without obstruction. A stuck float switch can prevent the pump from activating or deactivating.
- **Clean Pump Exterior:** Wipe down the pump's exterior with a damp cloth to remove dirt and grime. Do not use harsh chemicals.
- **Storage:** If storing the pump for an extended period, especially in freezing temperatures, drain all water from the pump and hose to prevent damage. Store in a dry, protected area.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Pump does not start	No power to pump GFCI tripped Float switch obstructed or faulty Motor overload	Check power supply and connections. Reset GFCI. If it trips repeatedly, consult an electrician. Clear float switch. Allow motor to cool; check for obstructions in impeller.
Pump runs continuously	Float switch stuck in 'on' position Discharge hose obstructed Pump not able to keep up with inflow	Clear float switch. Check and clear discharge hose. Verify pump capacity is adequate for application.
Low or no water discharge	Intake screen clogged Discharge hose kinked or obstructed Air lock	Clean intake screen. Straighten hose or clear obstruction. Lift and tilt pump slightly to release trapped air.

If problems persist after attempting these solutions, contact a qualified service technician or Zoeller customer support.

7. Specifications

Brand	Zoeller
Model Number	73-0001 (M73)
Horsepower (HP)	0.33 HP
Voltage	115V AC
Phase	1 Phase
Cord Length	9 feet
Operation	Automatic (with float switch)
Materials	Cast Iron, Plastic, Stainless Steel
Product Dimensions (L x W x H)	15.1" x 7.28" x 15.1"
Item Weight	12.5 pounds
Maximum Lifting Height	11.6 meters
UPC / GTIN	053514351687

8. Warranty and Support

Zoeller products are manufactured to the highest standards and are backed by a limited warranty. For specific

warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Zoeller website. Keep your purchase receipt as proof of purchase.
For technical assistance, replacement parts, or warranty claims, please contact Zoeller customer support. When contacting support, have your pump model number (73-0001) and serial number (if applicable) ready.

Zoeller Company Contact Information:

- Official Zoeller Website
- Refer to product packaging or official website for current phone numbers and email addresses.

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