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Model: 44-0007 | 0.25 HP Floor Sucker Automatic Dewatering Submersible Utility Pump

INTRODUCTION

The Zoeller 44-0007 LM44 is a 0.25 HP automatic dewatering submersible utility pump designed for transferring unwanted water from various areas such as basements, foundations, and work sites. Its robust construction and automatic operation make it suitable for a range of utility dewatering applications.

Key features of this pump include:

- Designed for use fully or partially submerged.
- Constructed with durable polypropylene housing.
- Adaptable for use with a standard garden hose (fitting included), 1-1/4" female NPT, or 3/4" female NPT adapter.
- Features automatic operation for utility applications.
- Capable of removing water from flat surfaces down to 1/8 inch.



Image: Zoeller 44-0007 LM44 Submersible Utility Pump, showing its compact design and discharge port.

SAFETY INFORMATION

Read all instructions carefully before installation and operation. Failure to follow these instructions can result in serious injury or property damage.

- **Electrical Safety:** Always disconnect power before servicing the pump. Ensure the pump is connected to a properly grounded outlet. Do not use extension cords.
- **Water Safety:** Never operate the pump with bare feet or when standing in water. Ensure the area around the electrical connection is dry.
- **Handling:** Do not lift the pump by its power cord. Use the handle provided.
- **Intended Use:** This pump is designed for dewatering applications involving groundwater. Do not use for flammable liquids, sewage, or corrosive chemicals.
- **Temperature:** Do not pump liquids hotter than 104°F (40°C).
- **Children:** Keep children away from the pump and its operating area.

PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- Zoeller 44-0007 LM44 Submersible Utility Pump with 20-foot cord
- Garden hose adapter

SETUP

1. Discharge Hose Connection:

- For standard garden hose connection, attach the included adapter to the pump's discharge port. Then, securely thread a garden hose onto the adapter.
- For 1-1/4" female NPT or 3/4" female NPT connections, attach the appropriate fitting directly to the pump's discharge port.
- Ensure all connections are tight to prevent leaks.

2. Pump Placement:

- Place the pump on a flat, stable surface in the area to be dewatered.
- Ensure the pump's intake screen is clear of debris and has sufficient space to draw water.
- The pump can operate fully or partially submerged.

3. Power Connection:

- Route the 20-foot power cord to a grounded 115 Volt AC electrical outlet.
- Ensure the power cord is not kinked or pinched.
- Plug the pump into the outlet. The pump is now ready for operation.

OPERATING INSTRUCTIONS

The Zoeller 44-0007 LM44 features automatic operation for utility dewatering. This means the pump will periodically check for water and activate as needed.

1. Automatic Operation Cycle:

- When plugged in, the pump will run its motor for a few seconds approximately every 10 minutes to sense for water.
- If sufficient water is detected (typically around 1/2 inch), the pump will prime and begin continuous operation.
- The pump will continue to run until the water level is reduced to approximately 1/8 inch, at which point it will stop pumping and return to its sensing cycle.
- If the pump does not prime during a sensing cycle, it will stop and wait for the next scheduled sensing cycle.

2. Manual Override (if applicable): This model is primarily designed for automatic operation. For continuous pumping, ensure the water level remains above the 1/8 inch shut-off point.

3. Monitoring: Periodically check the pump's operation and the discharge area to ensure proper function and prevent blockages.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pump.

- **Cleaning the Intake Screen:** Periodically inspect and clean the intake screen to remove any debris (leaves, dirt, small stones) that may obstruct water flow. Disconnect power before cleaning.

- **Winter Storage:** If the pump will not be used for an extended period or in freezing temperatures, disconnect it from power, drain all water, clean it thoroughly, and store it in a dry, frost-free location.
- **Inspection:** Regularly check the power cord for any signs of damage (cuts, fraying). Inspect the pump housing for cracks or damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start or run.	No power to the pump. Clogged intake screen. Motor overload/thermal cutout activated.	Check power supply, circuit breaker, and outlet. Disconnect power and clean the intake screen. Allow pump to cool down. It should reset automatically.
Pump runs but does not pump water.	Air lock. Discharge hose kinked or blocked. Water level too low for priming.	Lift and lower pump slightly to release trapped air. Check and clear the discharge hose. Ensure sufficient water (approx. 1/2 inch) is present for the pump to prime.
Pump cycles on and off too frequently.	Water draining back into the area. Insufficient water for continuous run.	Install a check valve in the discharge line if not already present. This is normal behavior for automatic sensing when water levels are fluctuating around the activation point.

SPECIFICATIONS

Brand	Zoeller
Model Number	44-0007
Horsepower	0.25 HP
Voltage	115 Volts
Power Source	Corded Electric
Maximum Flow Rate	18 Gallons Per Minute
Material	Polypropylene (PP)
Style	Submersible
Item Weight	9.45 Pounds
Cord Length	20 feet
Dewatering Level	Down to 1/8 inch

WARRANTY AND SUPPORT

This Zoeller pump is covered by a **36-month limited manufacturer warranty**. For warranty claims, technical assistance, or replacement parts, please contact Zoeller customer support directly.

For further assistance, please refer to the official Zoeller website or contact their customer service department.