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› Flotec FP0S1775A IntelliPump Water Removal Utility Pump Instruction Manual

Flotec FP0S1775A

Flotec FP0S1775A IntelliPump Water Removal Utility Pump

Model: FP0S1775A

1. PRODUCT OVERVIEW

The Flotec FP0S1775A IntelliPump is a 1/4-HP, 115-Volt electronic-controlled submersible utility pump designed for efficient water removal from shallow flooded areas. This innovative pump automatically activates upon water detection and deactivates once water levels are reduced, making it ideal for basements, rooftops, and window wells. Its engineered resin construction provides corrosion resistance, ensuring durability.





Image of the Flotec FP0S1775A IntelliPump Water Removal Utility Pump. This compact black submersible pump features a robust design with a discharge port and an integrated power cord, ready for immediate use in various water removal applications.

Key Features:

- Automatic operation: Starts when water is detected above 3/4 inch and stops when water is pumped down to 1/4 inch.
- High capacity: Maximum output of 1800 gallons per hour (GPH) with a 22-foot max lift.
- Durable construction: Engineered resin resists corrosion.
- Convenient discharge: Connects to an ordinary 5/8-inch garden hose.
- Includes a 15-foot power cord and garden hose adapter.

2. SAFETY INFORMATION

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, serious injury, or death.

- **Electrical Safety:** Always disconnect power before servicing the pump. Ensure the pump is connected to a properly grounded 115-Volt AC outlet. Do not use extension cords.
- **Water and Electrical:** Never operate the pump with damaged cords or if the pump is not fully submerged as intended. Avoid direct contact with water while the pump is plugged in.
- **Intended Use:** This pump is designed for clear water removal. Do not use for flammable liquids, sewage, or water containing large debris.
- **Children and Pets:** Keep children and pets away from the pump and any standing water during operation.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- Flotec FP0S1775A IntelliPump Water Removal Utility Pump
- 15-foot Power Cord (integrated)
- Garden Hose Adapter
- Owner's Manual (this document)

4. SETUP AND INSTALLATION

Proper setup ensures optimal performance and safety.

1. **Placement:** Position the pump on a stable, level surface in the area requiring dewatering. Ensure the pump is upright and not obstructed. The pump is suitable for shallow flooded areas such as basements, rooftops, and window wells.
2. **Discharge Hose Connection:** Attach a standard 5/8-inch garden hose to the pump's discharge port using the provided garden hose adapter. Ensure the connection is secure to prevent leaks. Route the discharge hose to a suitable drainage area, ensuring the water is directed away from the area being dewatered and does not create a new flooding hazard.
3. **Check Valve (Optional but Recommended):** For applications where the pump is lifting water vertically, installing a check valve in the discharge line is recommended. A check valve prevents water from flowing back into the area once the pump shuts off, reducing wear on the pump and preventing re-flooding.
4. **Power Connection:** Plug the 15-foot power cord into a grounded 115-Volt AC electrical outlet. Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI) for added safety, especially in wet environments.

5. OPERATION

The Flotec IntelliPump features automatic operation for convenience.

1. **Automatic Activation:** Once plugged in and placed in water, the pump will periodically check for water presence. This check occurs approximately every 2-1/2 minutes.
2. **Pumping Cycle:** If water is detected above approximately 3/4 inch, the pump will automatically activate and begin pumping. It will continue to operate until the water level is reduced to approximately 1/4 inch, at which point it will shut off.
3. **Continuous Monitoring:** The pump will then resume its 2-1/2 minute monitoring cycle, ready to activate again if water levels rise.
4. **Performance:** The pump can achieve a maximum flow rate of 1800 GPH and a maximum lifting height of 22 feet.

Note: The pump's automatic cycling is a normal function. The pump may briefly turn on and off even if no water is present during its monitoring phase.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your IntelliPump.

- **Cleaning:** Periodically inspect the pump intake screen for debris such as leaves, dirt, or small stones. Unplug the pump before cleaning. Remove any obstructions to ensure unrestricted water flow.
- **Storage:** If storing the pump for an extended period, clean it thoroughly and allow it to dry completely. Store in a dry, frost-free location.
- **Corrosion:** The pump features engineered resin construction designed to resist corrosion. However, avoid exposing the pump to harsh chemicals or corrosive liquids.
- **Power Cord:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. If damaged, do not use the pump and contact customer support.

7. TROUBLESHOOTING

If your pump is not operating correctly, refer to the following common issues and solutions.

Problem	Possible Cause	Solution
Pump does not start	No power; Water level too low; Clogged intake	Check power connection and GFCI; Ensure water level is above 3/4 inch; Unplug and clear intake screen.
Pump runs but no water pumps	Air lock; Clogged discharge hose; Water level too low	Lift and lower pump to release air; Check hose for kinks or blockages; Ensure water level is sufficient.
Pump cycles on and off frequently	Water level fluctuating; Check valve needed	This can be normal for the IntelliPump's monitoring cycle. If excessive, consider installing a check valve to prevent backflow.
Reduced pumping capacity	Clogged intake screen; Kinked or undersized discharge hose	Unplug and clean intake screen; Ensure discharge hose is 5/8-inch and free of kinks.

8. SPECIFICATIONS

Specification	Value
Model Number	FP0S1775A
Horsepower	1/4 HP
Voltage	115 Volts
Maximum Flow Rate	1800 GPH (29.83 Gallons Per Minute)
Maximum Lifting Height	22 Feet
Power Source	Corded Electric
Material	Engineered Resin (Plastic)
Product Dimensions	5.8"L x 5.4"W x 10"H
Item Weight	8.2 Pounds
Cord Length	15 Feet

9. WARRANTY AND SUPPORT

The Flotec FP0S1775A IntelliPump comes with a 2-year limited warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or replacement parts, please contact Flotec customer support. Keep your purchase receipt as proof of purchase.

Customer Support: Refer to the contact information provided on the Flotec official website or your purchase documentation for the most current support details.

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