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› **FOTING** /

› FOTING FT-Q2006 1/4HP Submersible Utility Pump Instruction Manual

**FOTING FT-Q2006**

# FOTING FT-Q2006 1/4HP Submersible Utility Pump Instruction Manual

Model: FT-Q2006 | Brand: FOTING

## 1. INTRODUCTION AND OVERVIEW

The FOTING FT-Q2006 1/4HP Submersible Utility Pump is designed for efficient water removal from various areas. Its compact and portable design makes it suitable for draining pools, hot tubs, garden ponds, basements, and other flooded spaces. This pump is capable of handling both clean and dirty water, featuring a durable thermoplastic construction and thermal overload protection for extended lifespan and safe operation.

# EFFICIENT SUMP PUMP



Image 1: Overview of the FOTING FT-Q2006 Submersible Utility Pump highlighting its key specifications and features.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the pump. Failure to follow these instructions may result in electric shock, fire, serious injury, or death.

- Always disconnect the pump from the power source before performing any maintenance or cleaning.
- Do not operate the pump if the power cord is damaged. Contact qualified personnel for repair or replacement.
- Ensure the power outlet is properly grounded and protected by a Ground Fault Circuit Interrupter (GFCI).
- Do not use the pump to pump flammable or explosive liquids.
- Keep children and pets away from the pump and the area being drained during operation.
- Do not lift the pump by its power cord. Always use the integrated handle.
- The pump is designed for water only. Do not use it for other liquids.
- Maximum fluid temperature for operation is 95°F (35°C).

## 3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- 1 x FOTING FT-Q2006 Submersible Utility Pump
- 1 x 10 FT Power Cord (integrated)
- 1 x GHT 1" Garden Hose Adapter
- 1 x Instruction Manual

## 4. SPECIFICATIONS

Feature	Specification
Brand	FOTING
Model Number	FT-Q2006
Horsepower	1/4 HP (0.25 HP)
Maximum Flow Rate	1676 GPH (27.9 Gallons Per Minute)
Maximum Lifting Height (Head)	18 Feet
Maximum Immersion Depth	23 Feet
Minimum Suction Level	0.08 inches
Maximum Grain Size	1/5 inch
Power Source	Electric
Material	Thermoplastic
Item Weight	7.41 pounds (3.37 Kilograms)
Cord Length	10 Feet
Protection	Thermal Overload Protection, IPX8 Water Resistance

## 5. SETUP INSTRUCTIONS

### 1. Attach Discharge Hose:

The pump comes with a GHT 1" garden hose adapter. You can connect a 1-inch discharge hose directly to the pump's top discharge port for maximum pumping capacity. Alternatively, use the provided GHT 3/5" to GHT 1" hose adapter for compatibility with various hose systems. Ensure all connections are secure to prevent leaks.

# Connection Method



Image 2: Detailed view of the hose connection method, illustrating the use of the GHT adapter.

## 2. Position the Pump:

Place the pump in the water to be drained. Ensure the pump is fully submerged before plugging it in. The pump is designed for a maximum submersible depth of 23 feet.

## 3. Prepare for Drainage:

Direct the discharge hose to a suitable drainage area, ensuring the water will not cause damage or re-enter the area being drained. For optimal drainage, ensure the hose is laid out as flat as possible or downhill from the pump.

## 6. OPERATING INSTRUCTIONS

### 1. Submerge and Plug In:

Tilt and submerge the utility pump in the water for a few seconds before starting to expel any trapped air inside. Once submerged, plug the 10-foot power cord into a grounded electrical outlet. The pump will begin operating immediately as there is no on/off switch.



Image 3: Visual guide for the three main steps of pump operation.

## 2. Monitor Drainage:

Allow the pump to operate until the desired water level is reached. The pump can remove water down to a minimum suction level of 0.08 inches.

## 3. Disconnect Power:

Once pumping is complete, unplug the pump from the electrical outlet to stop operation.

## Important Operating Tips:

- The pump is equipped with thermal overload protection to prevent overheating and ensure a longer lifespan.
- The pump runs quietly, with sound levels typically less than 60 dB.
- The removable bottom screen filters debris up to 1/5 inch in grain size.

## Official Product Video:

Video 1: A short overview of the FOTING Portable Submersible Water Pump, demonstrating its ease of installation and powerful water discharge for various applications like pools and garden irrigation.

## 7. MAINTENANCE

### 1. Cleaning the Inlet Screen:

The pump features a removable bottom screen for filtering debris. To clean, unscrew the bottom screen and rinse off any accumulated debris, leaves, or stones. This helps protect the pump from damage and maintains efficiency.

# REMOVABLE INIET SCREEN



Filter Debris as Leaf or Stone,  
Protect Pump From Damage

Image 4: Illustration of the removable inlet screen for easy cleaning and debris removal.

## 2. Winterization (for cold climates):

In cold winter conditions, ensure the pump is completely drained of water to prevent freezing. Tilt and submerge the pump in water for a few seconds before starting to expel air, and ensure it is fully dry before storage.

## 8. TROUBLESHOOTING

If you encounter issues with your FOTING FT-Q2006 pump, refer to the following common troubleshooting steps:

- **Pump not starting:** Ensure the pump is properly plugged into a grounded GFCI outlet. Check for power supply issues.
- **Low flow or no water discharge:** Verify that the discharge hose is not kinked or blocked. Check the inlet screen for clogs and clean if necessary. Ensure the pump is fully submerged and has expelled all air.
- **Pump running but not moving water:** This could indicate an airlock. Tilt the pump slightly while submerged to release trapped air.
- **Pump stops unexpectedly:** The thermal overload protection may have activated due to overheating. Disconnect power, allow the pump to cool down, and check for blockages before restarting.

- **Excessive noise or vibration:** Check for foreign objects in the impeller area. Ensure the pump is placed on a stable surface.

If problems persist, contact FOTING customer service for professional technical support.

## 9. WARRANTY AND SUPPORT

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FOTING is committed to providing quality products and customer satisfaction. For warranty information, technical assistance, or any product-related inquiries, please refer to the contact details provided in your product packaging or visit the official FOTING website.

Optional protection plans are available for purchase to extend coverage beyond the standard warranty. Please check with your retailer for details on available plans.