

Ferrex F-TP 64-2

Ferrex F-TP 64-2 Fountain Pump Kit User Manual

Model: F-TP 64-2

1. INTRODUCTION

Thank you for choosing the Ferrex F-TP 64-2 Fountain Pump Kit. This powerful pond pump is designed for continuous underwater operation, enriching pond water with oxygen and supporting its natural self-cleaning process. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your fountain pump.

2. SAFETY INSTRUCTIONS

WARNING: Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always disconnect the pump from the power supply before performing any maintenance, cleaning, or installation work.
- The pump is designed for use with clear water only, at a maximum temperature of 35 °C (95 °F). Do not use it for other liquids or temperatures.
- Ensure the mains connection is 230 V~50 Hz.
- The pump must be fully submerged during operation. Do not run dry.
- Do not lift or carry the pump by its power cable.
- Regularly inspect the power cable and pump housing for damage. Do not operate a damaged pump.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The pump has a protection class of IPX8, meaning it is protected against continuous immersion in water.

3. PACKAGE CONTENTS

Carefully unpack the contents and ensure all items are present and undamaged. If any parts are missing or damaged, contact customer support.

- Ferrex F-TP 64-2 Fountain Pump
- Tiered Fountain Nozzle
- Bell Fountain Nozzle
- Foamer Nozzle
- User Manual

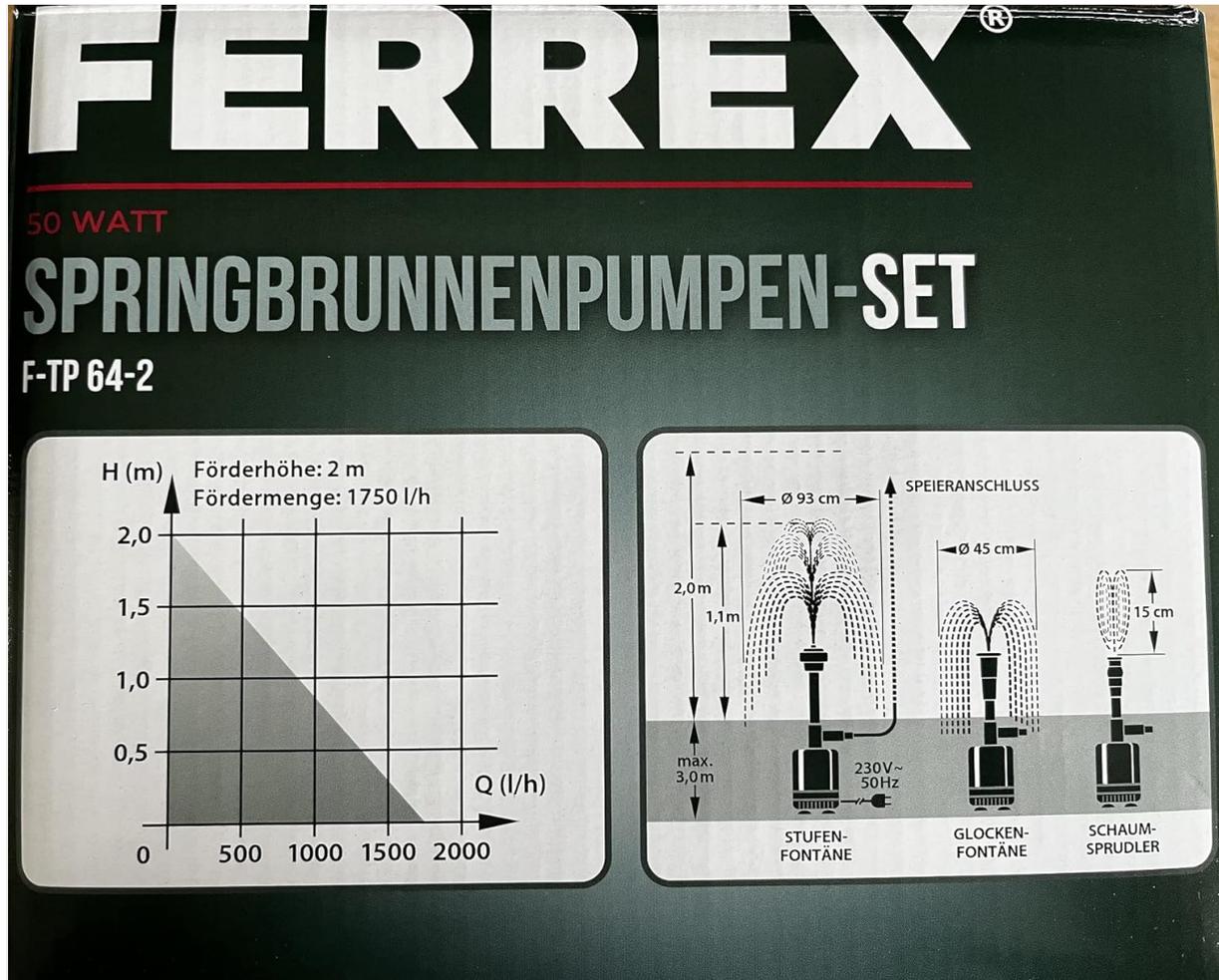


Image: The Ferrex F-TP 64-2 Fountain Pump Kit packaging, showing the pump and various fountain accessories.

4. SETUP

1. **Positioning the Pump:** Place the pump on a stable, level surface at the bottom of your pond or water feature. Ensure it is fully submerged and not resting directly on mud or debris.
2. **Attaching Fountain Nozzles:**
 - Select your desired fountain nozzle (tiered, bell, or foamer).
 - Screw the chosen nozzle onto the pump's outlet. Ensure a tight fit to prevent leaks.
 - Adjust the height of the fountain nozzle using the telescopic riser, if applicable, to achieve the desired fountain height above the water surface.
3. **Connecting Other Water Features (Optional):** The pump housing includes a connection for additional uses such as waterfalls or streams. Connect appropriate hosing to this outlet if desired.
4. **Power Connection:** Route the power cable safely to a grounded outdoor power outlet. Ensure the

cable is not pinched or damaged. Do not connect to power until the pump is fully submerged and all connections are secure.

FERREX®

50 WATT

SPRINGBRUNNEN-PUMPEN-SET

F-TP 64-2

- Leistungsfähige Teichpumpe für Dauereinsatz unter Wasser konzipiert
- Durch die Fontäne wird das Teichwasser mit Sauerstoff angereichert und unterstützt somit die Selbstreinigungskraft des Teichwassers
- Pumpengehäuse aus rostfreiem Edelstahl
- Fördermengenregulierung mit Speieranschluss für jeden Einsatzzweck wie Wasserfall, Bachlauf und Wasserspeier (z. B. Ente, Frosch, Fisch)
- Durch umfangreiches Zubehör wie Stufenfontäne, Glockenfontäne und Schaumspudler sind einer individuellen Gestaltung keine Grenzen gesetzt

230 V~50 Hz **50 WATT** **3 m** **EDELSTAHL Rostfrei STAINLESS STEEL**

Image: Diagram illustrating the performance characteristics and different fountain nozzle types (tiered, bell, foamer) with their respective dimensions and flow rates.

5. OPERATING INSTRUCTIONS

1. **Initial Start-up:** Once the pump is correctly installed and fully submerged, connect it to the power supply. The pump will start immediately.
2. **Adjusting Flow Rate:** The pump features a flow rate adjustment mechanism. Rotate the control knob (if present, typically near the outlet) to increase or decrease the water flow to the fountain or other connected features.
3. **Fountain Pattern Adjustment:** Some nozzles allow for adjustment of the fountain pattern. Refer to the specific nozzle instructions for details.
4. **Continuous Operation:** The Ferrex F-TP 64-2 is designed for continuous operation. Monitor water levels to ensure the pump remains fully submerged.
5. **Shutting Down:** To turn off the pump, disconnect it from the power supply.

6. MAINTENANCE

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

1. **Disconnect Power:** Always disconnect the pump from the power supply before any maintenance.
2. **Cleaning the Impeller:**
 - Remove the pump from the water.
 - Unscrew or unclip the pump housing cover to access the impeller.
 - Carefully remove any debris, algae, or mineral deposits from the impeller and its chamber using a soft brush and clean water.
 - Reassemble the pump, ensuring all seals are correctly seated.
3. **Cleaning Nozzles and Filters:**
 - Remove fountain nozzles and any pre-filters.
 - Clean them thoroughly to remove blockages.
4. **Winter Storage:** In freezing conditions, remove the pump from the pond, clean it thoroughly, and store it in a frost-free location, fully drained.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	No power supply; Impeller blocked; Motor faulty.	Check power connection and outlet; Disconnect power and clean impeller; Contact customer support.
Reduced water flow	Impeller or nozzle blocked; Water level too low; Flow rate adjustment set too low.	Disconnect power and clean impeller/nozzle; Ensure pump is fully submerged; Adjust flow rate control.
Pump making unusual noise	Debris in impeller; Pump running dry.	Disconnect power and clean impeller; Ensure pump is fully submerged.

8. SPECIFICATIONS

Feature	Specification
Model	F-TP 64-2
Mains Connection	230 V~50 Hz
Power Consumption	50 W
Max. Flow Rate	1750 l/h
Max. Delivery Head	2 m

Feature	Specification
Max. Immersion Depth	3 m
Protection Class	IPX8
Max. Water Temperature	35 °C
Material	Stainless Steel

9. WARRANTY AND SUPPORT

Ferrex products are manufactured to high-quality standards. In the unlikely event of a defect or malfunction, please contact your retailer or the Ferrex customer support line. Keep your proof of purchase for warranty claims.

For technical assistance or spare parts, please refer to the contact information provided with your purchase documentation or visit the official Ferrex website.