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## FibroPool FP200

# FibroPool 2 HP Swimming Pool Pump FP200 User Manual

Model: FP200 | Brand: FibroPool

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your FibroPool 2 HP Swimming Pool Pump (Model FP200). Please read this manual thoroughly before installation and operation to ensure proper use and to prevent damage or injury.

The FibroPool FP200 is a high-efficiency single-speed motor pump designed for in-ground pools and spas. It features a durable, corrosion-proof construction and is engineered for reliable performance.

## SAFETY INFORMATION

Always observe basic safety precautions when installing and operating this electrical equipment. Failure to follow instructions can result in serious injury or death.

- Ensure the pump is connected to a 240-volt, 60 Hz power supply only. It is not convertible to 120 volts.
- Installation must be performed by a qualified professional and comply with all local and national electrical and plumbing codes.
- Always disconnect power to the pump before performing any service or maintenance.
- Do not run the pump dry. Ensure the pump is primed with water before starting.
- Keep children away from the pump and pool equipment area.
- Do not operate the pump if any parts are damaged or missing.

## PRODUCT OVERVIEW

The FibroPool FP200 pump is engineered for optimal performance and longevity. Key features include:

- 2 horsepower motor, pushing up to 8100 GPH at 3450 RPM.
- High-efficiency single-speed motor designed to reduce energy consumption.
- Durable, weatherproof chassis suitable for various environments.
- Integrated pedestal base for stable mounting.
- Super-sized 124 cubic-inch strainer basket with a clear twist-lock lid for easy inspection and cleaning.
- 2-inch unions included for simplified installation and servicing.

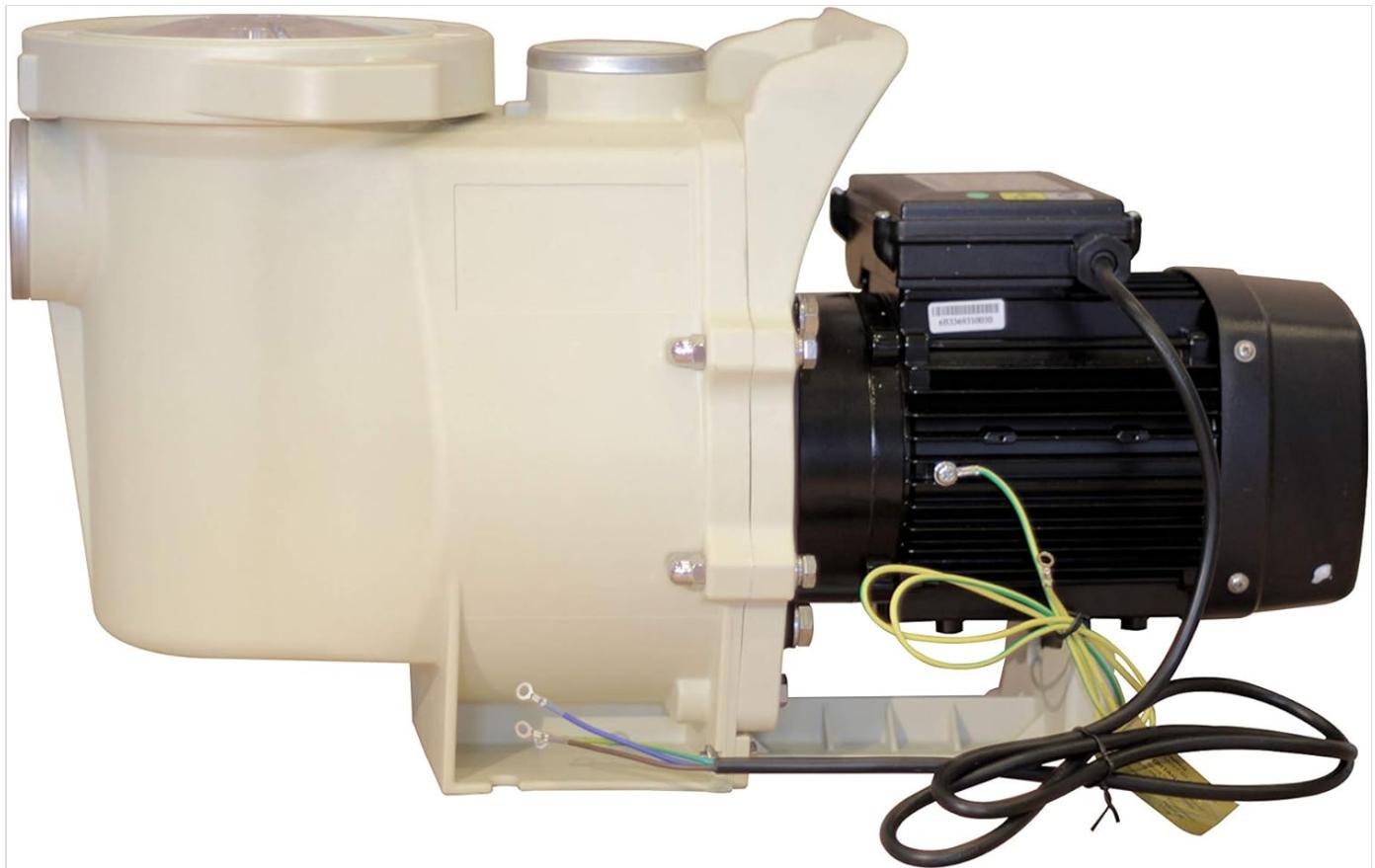


Figure 1: Side view of the FibroPool FP200 Swimming Pool Pump, showing the motor and pump housing.

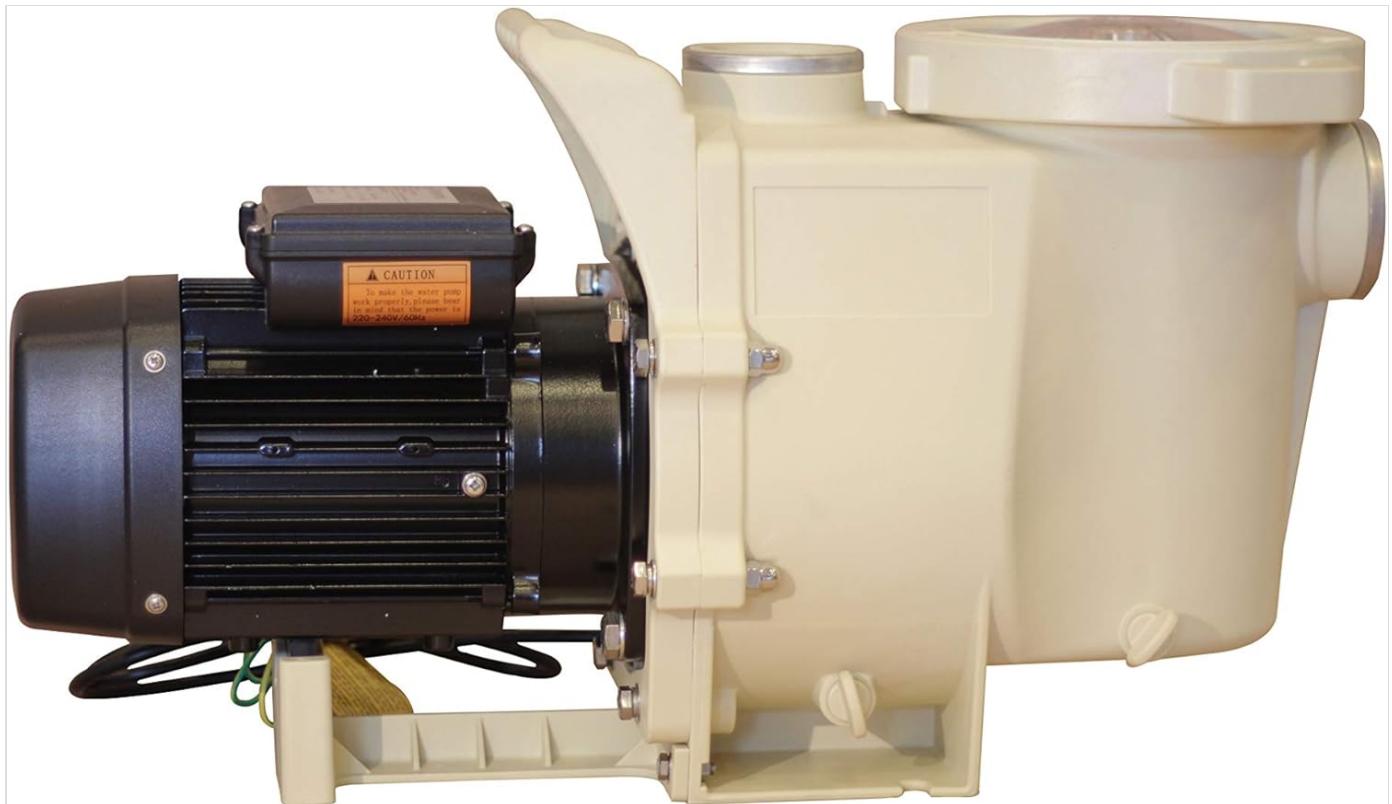


Figure 2: Opposite side view of the FibroPool FP200 Swimming Pool Pump, highlighting the clear strainer lid.

## INSTALLATION

Proper installation is crucial for the pump's performance and longevity. It is recommended that installation be performed by a certified pool technician or electrician.

## Site Selection

- Install the pump as close to the pool as possible to minimize friction loss from plumbing.
- Ensure the location is well-ventilated and protected from direct sunlight and excessive moisture.
- Provide adequate space around the pump for routine maintenance and servicing.
- Mount the pump on a solid, level base to prevent vibration and noise. The integrated pedestal base provides stability.

## Plumbing Connections

- The pump is equipped with 2-inch unions for easy connection to your existing plumbing system.
- Use appropriate PVC cement and primer for secure, leak-free connections.
- Ensure all plumbing is properly supported to avoid strain on the pump.

## Electrical Connections

**WARNING:** Electrical wiring should only be performed by a licensed electrician.

- The FibroPool FP200 operates on 240 volts, 60 Hz. Verify your power supply matches these requirements.
- Connect the pump to a dedicated circuit protected by a Ground Fault Circuit Interrupter (GFCI).
- The pump includes a 6-foot weatherproof power cable. Ensure all connections are secure and weatherproof.
- Refer to local electrical codes for specific wiring requirements.



Figure 3: Back view of the FibroPool FP200 pump, showing the electrical connection box and wiring.

## OPERATING INSTRUCTIONS

### Priming the Pump

Before starting the pump for the first time, or after draining for maintenance, the pump must be primed.

1. Ensure all valves are open to allow water flow from the pool to the pump.
2. Remove the clear twist-lock lid from the strainer basket.
3. Fill the strainer basket with water until it overflows.
4. Replace the lid, ensuring it is securely twisted and sealed.
5. Turn on the pump. The pump should prime within a few minutes. If not, turn off the pump, re-prime, and check for air leaks in the suction line.

## Normal Operation

- Once primed, the pump will circulate water through your pool system.
- Monitor the pressure gauge on your filter system to ensure it is within the normal operating range.
- The clear top lid allows for easy visual inspection of the strainer basket to determine when cleaning is needed.

## MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your FibroPool pump.

### Strainer Basket Cleaning

The super-sized 124 cubic-inch basket has extra leaf-holding capacity, extending time between cleanings. However, regular inspection is recommended.

1. Turn off the pump and disconnect power.
2. Twist and remove the clear lid from the strainer housing.
3. Remove the basket and empty any debris.
4. Rinse the basket thoroughly with water.
5. Inspect the O-ring on the lid for cracks or wear. Replace if necessary.
6. Return the basket to the housing, ensuring it is seated correctly.
7. Replace the lid, twisting it securely to create a watertight seal.
8. Re-prime the pump if necessary before restarting.

### Winterization

In areas subject to freezing temperatures, proper winterization is essential to prevent damage.

- Drain all water from the pump by removing the drain plugs.
- Store the pump in a dry, protected area if possible.
- Consult a pool professional for comprehensive winterization procedures for your entire pool system.

## TROUBLESHOOTING

This section provides solutions to common issues you may encounter with your FibroPool pump.

Problem	Possible Cause	Solution
Pump does not start	No power, tripped breaker/GFCI, faulty wiring, motor issue.	Check power supply, reset breaker/GFCI. Verify electrical connections. If motor hums but doesn't start, contact a qualified technician.
Pump runs but does not prime or has low flow	Air leak in suction line, clogged strainer basket, low water level in pool, closed valves, impeller obstruction.	Check and seal all suction line connections. Clean strainer basket. Ensure adequate pool water level. Open all necessary valves. Inspect impeller for debris.
Excessive noise or vibration	Air leak, cavitation, loose mounting, worn bearings.	Check for air leaks. Ensure pump is properly primed. Tighten mounting bolts. If noise persists, motor bearings may be worn; contact service.
Water leaking from pump	Loose plumbing connections, worn shaft seal, damaged O-rings.	Tighten plumbing connections. Inspect and replace O-rings on strainer lid and unions. A leaking shaft seal requires professional service.

## SPECIFICATIONS

Detailed technical specifications for the FibroPool 2 HP Swimming Pool Pump FP200.

Attribute	Value
Brand	FibroPool
Model Number	FP200
Horsepower	2 HP
Voltage	240 Volts
Frequency	60 Hz
Wattage	1.5 KW
Maximum Flow Rate	135 Gallons Per Minute (8100 GPH)
RPM	3450 RPM
Material	Aluminum (Motor), Heavy Duty Plastic (Housing)
Item Weight	34.9 pounds
Package Dimensions	25 x 14.5 x 11.5 inches
Sound Level	45 dB
UPC	850013473021

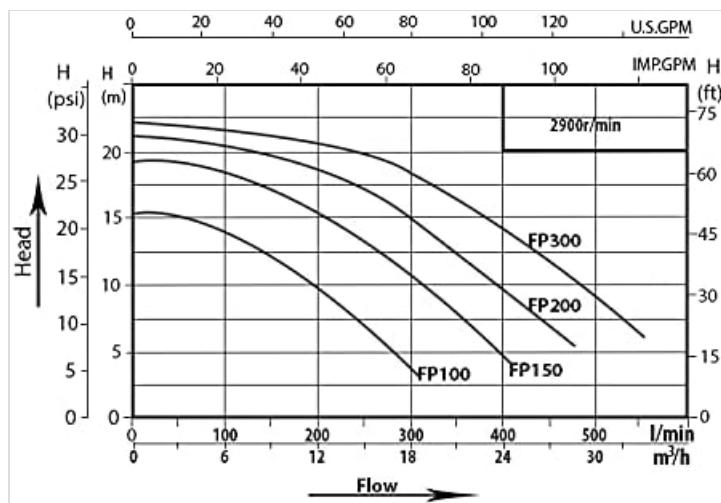


Figure 4: Performance Curve Chart. The FP200 curve illustrates the relationship between pump head (pressure) and flow rate.

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact FibroPool directly. Keep your purchase receipt as proof of purchase.

While specific warranty details are not provided in this manual, FibroPool is committed to providing quality products and customer satisfaction. For the most current warranty terms and conditions, please visit the official FibroPool website or contact their customer service department.

You can often find contact information on the product packaging, the manufacturer's website, or through the retailer where the product was purchased.

## Related Documents - FP200

	<p><a href="#">FibroPool FH 270 Pool Heat Pump Installation and Instruction Manual</a></p> <p>This manual provides detailed instructions for the installation, operation, and maintenance of the FibroPool FH 270 Pool Heat Pump. It covers safety warnings, specifications, unit dimensions, exploded views, electrical connections, running tests, control functions, system parameters, troubleshooting, and warranty information.</p>
	<p><a href="#">FibroPool FH235-I/FH285-I Inverter Heat Pumps: Installation and User Instructions</a></p> <p>Comprehensive installation and user manual for FibroPool FH235-I and FH285-I Inverter Heat Pumps, covering safety, specifications, operation, maintenance, and troubleshooting.</p>
	<p><a href="#">FibroPool Heat Pump Limited Factory Warranty - Terms and Coverage</a></p> <p>Official limited factory warranty details for FibroPool electric heat pumps, covering terms, conditions, coverage periods, and exclusions for Pool/Spa Heat Pumps.</p>
	<p><a href="#">Asenware AW-FP201 Panel Software Programming Guide</a></p> <p>Step-by-step guide on how to program the Asenware AW-FP201 fire alarm control panel using software, covering reading, modifying, and sending configurations with FP200_USB_GETFILES and Asenware Smarter FP200.</p>