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› Varpoolfaye 3HP Variable Speed Pool Pump (Model XKP2207BP) Instruction Manual

## Varpoolfaye XKP2207BP

# Varpoolfaye 3HP Variable Speed Pool Pump Instruction Manual

Model: XKP2207BP

## 1. PRODUCT OVERVIEW

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This manual provides essential information for the safe and efficient operation of your Varpoolfaye 3HP Variable Speed Pool Pump. This pump is designed for both in-ground and above-ground pools, offering powerful water circulation with energy efficiency through its permanent magnet motor and programmable timer.



Image 1.1: Overview of the Varpoolfaye 3HP Variable Speed Pool Pump.

Video 1.1: General overview of the Variable Speed Pool Pump features and benefits.

## 2. SAFETY INFORMATION

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Read and understand all instructions before installing or operating this pump. Failure to follow these instructions can result in serious injury or death.

- **Electrical Hazard:** Always disconnect power at the circuit breaker before performing any service or maintenance on the pump. Improper wiring can cause electric shock.
- **Water Hazard:** Ensure all plumbing connections are properly sealed to prevent leaks. Water near electrical components can be dangerous.
- **Moving Parts:** Keep hands, hair, and loose clothing clear of the pump's moving parts during operation.
- **Installation:** Installation must be performed by a qualified professional and comply with all local electrical and plumbing codes.
- **Voltage:** Verify that the power supply voltage (220V) matches the pump's requirements before connection.

- **Children:** Do not allow children to operate this appliance.

## 3. SETUP AND INSTALLATION

### 3.1 Unpacking and Inspection

Carefully remove the pump from its packaging. Inspect the unit for any signs of shipping damage. Report any damage to your supplier immediately.

### 3.2 Location

Install the pump on a firm, level surface. Ensure the location provides adequate ventilation and protection from direct sunlight, rain, and other environmental elements. The pump should be installed as close to the pool as possible to minimize friction loss.

### 3.3 Plumbing Connections

This pump is compatible with standard 2-inch and 2.5-inch Schedule 40 PVC plumbing systems. Use the two included adapter sizes for proper connection. Ensure that the pipe wall dimensions match Schedule 40 specifications for a secure fit. Non-Schedule 40 pipes may not fit properly and can lead to leaks.

## Pipe Compatibility Notice



1. Our adapters are designed for 2-inch or 2.5-inch **Schedule 40/80** rigid PVC pipe.
2. Pipes labeled "2 inch" but manufactured to **non-Schedule 40 wall dimensions** are not compatible.

Image 3.1: Pipe compatibility notice, showing adapters for 2-inch and 2.5-inch Schedule 40 rigid PVC pipe.

### 3.4 Electrical Connection

The pump operates on 220V/60Hz power. For a 220V connection, the wiring typically involves:

- **Black Wire:** Connect to Hot (110V)
- **White Wire:** Connect to Hot (110V)
- **Green Wire:** Connect to Ground

Ensure all electrical connections are secure, waterproof, and comply with local electrical codes. Consult a qualified electrician if you are unsure about wiring procedures.



Image 3.2: Wiring connection details for the 220V Variable Speed Pool Pump.

### 3.5 Priming the Pump

Before initial startup, ensure the pump basket is filled with water. This helps the pump establish suction and prevents dry running, which can damage the motor.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Control Panel Overview

The pump features an intuitive control panel with a digital display and several buttons for setting speed and programming the timer.

# Built-In Timer for Maximum Energy Savings



Image 4.1: Close-up of the pump's control panel and digital display.

## 4.2 Setting Pump Speed

The pump offers four preset speeds, allowing you to customize water flow from 1200 RPM to 4000 RPM. Use the 'SPEED 1', 'SPEED 2', 'SPEED 3', and 'SPEED 4' buttons to select the desired operating speed. Lower speeds consume less energy and are suitable for routine filtration, while higher speeds are ideal for backwashing or heavy cleaning.

## 4.3 Programming the Timer

The integrated programmable timer allows for automatic operation, optimizing energy savings and maintaining consistent water quality.

1. Press the 'MENU' button to access the scheduling options.
2. Navigate to 'Time On' to set the desired start time for pump operation. Press 'ENTER' to confirm.
3. Navigate to 'Time Off' to set the desired stop time for pump operation. Press 'ENTER' to confirm.
4. Select the desired speed (1-4) for the programmed schedule.
5. Ensure the timer function is enabled within the menu settings.

**Note:** The pump must be in a stopped state (not actively running) to adjust clock and timer settings.



## Set the Time and Speed

**01**  
Select Schedule & Set  
On/Off Times (3 Time Slots)

**02**  
Choose Speed  
(1–4 Preset Speeds)

**03**  
Enable Timer Function

Image 4.2: Visual guide for setting the time and speed on the pump's control panel.

Video 4.1: Detailed operating instructions for setting the timer and speed settings on the pump.

Video 4.2: Guide on how to set the time and speed for the Variable Speed Pool Pump.

## 5. MAINTENANCE

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

### 5.1 Cleaning the Filter Basket

The pump is equipped with an extra-large filter basket designed to capture debris. Regularly inspect and clean the basket to prevent blockages and maintain efficient water flow. Turn off the pump and disconnect power before opening the basket lid.

# Extra-Large Filter Basket for Debris



Image 5.1: View of the extra-large filter basket and collected debris.

## 5.2 Winterization

In regions with freezing temperatures, proper winterization is crucial. Drain all water from the pump and plumbing lines. Store the pump in a dry, protected area if possible, or ensure it is adequately insulated to prevent freeze damage.

## 5.3 General Cleaning

Keep the exterior of the pump clean and free from dirt and debris. Avoid using harsh chemicals that could damage the pump's housing.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your pool pump.

### 6.1 Pump Not Starting or No Power

- **Check Power Supply:** Ensure the pump is properly plugged into a 220V outlet and that the circuit breaker has not tripped.
- **Verify Wiring:** Confirm all electrical connections are secure and correctly wired (Black to Hot, White to Hot, Green to Ground).
- **Internal Connection:** In some cases, the small 4-pin plug connecting the control panel to the motor may be disconnected internally. If comfortable and qualified, inspect this connection after disconnecting all power.

## 6.2 Reduced Water Flow or Grinding Noise

- **Clean Filter Basket:** A clogged filter basket can restrict water flow and cause the pump to work harder, leading to noise. Clean it thoroughly.
- **Inspect Impeller:** Turn off power and check the impeller for any debris or obstructions.
- **Priming:** Ensure the pump is properly primed. Air in the system can cause reduced flow and noise.
- **Contact Support:** If the issue persists after these steps, contact Varpoolfaye customer support.

## 6.3 Leaks

- **Check Connections:** Ensure all plumbing connections are tight and that O-rings are properly seated and not damaged.
- **Pipe Alignment:** Verify that pipes are correctly aligned with the pump flanges to prevent stress on connections.

## 6.4 Timer/Clock Inaccuracy

- **Setting Procedure:** Ensure the pump is in a stopped state when adjusting the clock or timer settings.
- **Power Fluctuations:** Significant power fluctuations can sometimes affect electronic timers.

# 7. SPECIFICATIONS

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Key technical specifications for the Varpoolfaye 3HP Variable Speed Pool Pump (Model XKP2207BP).



Image 7.1: Key performance specifications including horsepower, voltage, flow rate, and max head.

| Feature                        | Specification                             |
|--------------------------------|-------------------------------------------|
| Brand                          | Varpoolfaye                               |
| Model Number                   | XKP2207BP                                 |
| Horsepower                     | 3 hp                                      |
| Voltage                        | 220 volts_of_alternating_current          |
| Maximum Flow Rate              | 189.32 gpm (approx. 11359 GPH)            |
| Product Dimensions (L x W x H) | 26.3" x 9.8" x 13.2"                      |
| Material                       | Stainless Steel, PP plastic, Copper Motor |
| Power Source                   | Corded Electric                           |

| Feature             | Specification               |
|---------------------|-----------------------------|
| Included Components | Pool Pump, 2x 2" Connectors |

# Specifications

Horsepower: 3HP

Voltage: 220V-240V/60Hz



Image 7.2: Dimensional drawing of the Varpoolfaye Pool Pump.

## 8. WARRANTY AND SUPPORT

Your Varpoolfaye 3HP Variable Speed Pool Pump is backed by a **2-year warranty**. This warranty covers defects in materials and workmanship under normal use.

For technical support, installation assistance, setup guidance, or troubleshooting, please contact Varpoolfaye-US customer service. Have your model number (XKP2207BP) and purchase information ready when contacting support.

Contact information can typically be found on the product packaging or the official Varpoolfaye website.

## ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

### Name

Anonymous

### Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

### Question

Example: How do I reset this device or fix this error?

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question