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› [KEYAYEYA](#) /

› KEYAYEYA Compatible for Pedrollo Submersible Sewage Pump VXm15/35-N User Manual

KEYAYEYA VXm15/35-N

User Manual

KEYAYEYA COMPATIBLE FOR PEDROLLO SUBMERSIBLE SEWAGE PUMP VXm15/35-N

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your KEYAYEYA compatible submersible sewage pump, model VXm15/35-N. Please read this manual thoroughly before installation or operation to ensure proper use and to prevent damage or injury.



Image 1.1: The KEYAYEYA compatible submersible sewage pump, model VXm15/35-N. This image displays the general appearance of the pump unit.

2. Safety Instructions

Always observe the following safety precautions to reduce the risk of electric shock, fire, or injury.

- **Electrical Safety:** Ensure the power supply matches the pump's voltage requirements. All electrical connections must be performed by a qualified electrician and comply with local codes.
- **Grounding:** The pump must be properly grounded to prevent electrical shock. Do not remove the grounding prong from the power cord.
- **Water Immersion:** This pump is designed for submersible use only. Do not operate the pump dry.
- **Handling:** Use appropriate lifting equipment when moving the pump due to its weight. Avoid lifting by the power cord.
- **Maintenance:** Disconnect power before performing any maintenance or service on the pump.

3. Setup and Installation

Follow these steps for proper installation of the submersible sewage pump.

1. **Unpacking:** Carefully remove the pump from its packaging. Inspect for any shipping damage.
2. **Location:** Position the pump in a sump pit or basin that is adequately sized and free from debris. Ensure the pump is placed on a solid, level surface.
3. **Discharge Piping:** Connect the discharge pipe to the pump's outlet. Use appropriate fittings and ensure all connections are watertight. A check valve should be installed in the discharge line to prevent backflow.
4. **Electrical Connection:** Connect the pump to a dedicated, grounded electrical circuit with appropriate overcurrent protection. Consult a qualified electrician for this step.
5. **Float Switch (if applicable):** Ensure the float switch operates freely and is set to the desired on/off levels.

4. Operating Instructions

Once installed, the pump operates automatically based on the water level and float switch settings.

- **Initial Start-up:** After installation, ensure the pump is fully submerged. Restore power to the circuit. The pump should activate when the water level rises to the 'on' setting of the float switch and deactivate when it drops to the 'off' setting.
- **Monitoring:** Periodically check the pump's operation to ensure it is cycling correctly and effectively removing sewage.
- **Avoid Dry Running:** Never allow the pump to run without being fully submerged in liquid, as this can cause severe damage to the motor and seals.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your pump.

- **Power Disconnection:** Always disconnect the pump from the power source before performing any maintenance.
- **Impeller Inspection:** Periodically remove the pump from the sump and inspect the impeller for any debris (rags, string, etc.) that may be wrapped around it. Clear any obstructions.
- **Sump Cleaning:** Keep the sump pit clean and free of excessive sludge or debris that could interfere with pump operation or clog the intake.
- **Float Switch Check:** Ensure the float switch is clean and moves freely without obstruction.

- **Seal Inspection:** Check for any signs of leakage around the pump seals. If leakage is observed, professional service may be required.

6. Troubleshooting

Refer to the following table for common issues and their potential solutions.

Problem	Possible Cause	Solution
Pump does not start	No power; tripped circuit breaker; faulty float switch; motor overload.	Check power supply and circuit breaker; inspect float switch for obstruction; allow motor to cool and reset.
Pump runs but no water is discharged	Clogged impeller or discharge pipe; air lock; low water level.	Disconnect power and clear impeller/pipe; ensure pump is fully submerged; check for air in the system.
Pump cycles too frequently	Float switch set incorrectly; backflow from discharge pipe; small sump pit.	Adjust float switch settings; check for faulty check valve; consider sump pit modifications.
Pump is noisy or vibrates excessively	Debris in impeller; worn bearings; pump not stable.	Disconnect power and clear impeller; contact service for worn parts; ensure pump is on a stable surface.

7. Specifications

Key technical specifications for the KEYAYEYA compatible submersible sewage pump VXm15/35-N.

- **Model Number:** VXm15/35-N
- **Item Weight:** 2 pounds
- **Product Dimensions:** 1 x 1 x 1 inches
- **Manufacturer:** original manufacturer
- **ASIN:** B0F9941VZY

8. Warranty and Support

For specific warranty information, please refer to the documentation provided at the time of purchase or contact the seller directly. If you require technical guidance or have questions regarding the model, please contact the merchant for assistance.

Seller Contact: Refer to your purchase records for seller contact information.

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

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

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