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Blue Wave NE9881

Blue Wave FlowXtreme PRO VS 115V Above Ground Pool Pump User Manual

Model: NE9881

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Blue Wave FlowXtreme PRO VS 115V Above Ground Pool Pump. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

The FlowXtreme PRO VS pump is designed to provide energy-efficient water circulation for above-ground pools. It features a variable speed motor and a programmable timer for optimized performance and reduced energy consumption.



Image: The Blue Wave FlowXtreme PRO VS 115V Above Ground Pool Pump, showcasing its compact design and integrated control panel.

KEY FEATURES

- **Quiet, Powerful, and Energy-Efficient:** Features a 1HP variable speed motor with water-cooled, permanent magnet technology for reduced energy use and quiet operation.
- **Timer Function with Adjustable RPM:** Allows setting of pump RPMs and scheduling up to four filtration periods per day for consistent water circulation.
- **Energy Star Certified and DOE Compliant:** Meets 2021 efficiency standards for optimized operation and lower electricity consumption.
- **Compatibility:** Designed for above-ground pools with standard 1.5-inch hose fittings.
- **Durable Construction:** Engineered for long-term durability, operating on 115V / 60Hz.



FlowXtreme™ PRO VS 115V, Variable Speed Above Ground 1HP Pool Pump



**Smart Speed
Control**



**Whisper-Quiet
Operation**



**Energy-Efficient
Savings**

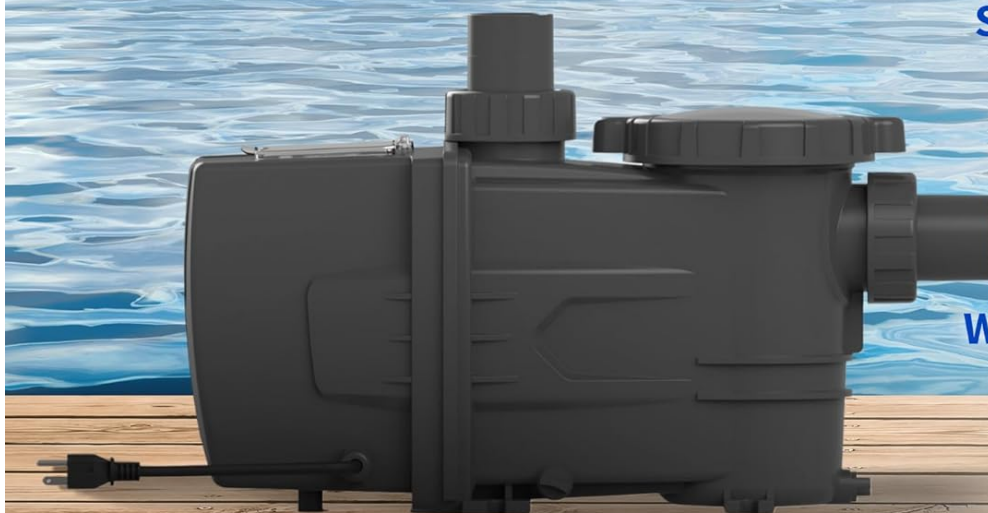


Image: An illustration of the FlowXtreme PRO VS pump highlighting its smart speed control, whisper-quiet operation, and energy-efficient savings.

SETUP AND INSTALLATION

Safety Precautions

- Always disconnect power before attempting any installation or maintenance.
- Ensure the pump is installed on a solid, level surface, protected from direct sunlight and excessive moisture.
- All electrical connections must comply with local codes and regulations.
- Do not operate the pump dry. Ensure the pump is primed with water before starting.

Connecting the Pump

1. Position the pump near your above-ground pool, ensuring it is below the water level for easier priming.
2. Connect the pool's skimmer line to the pump's inlet (suction) port using 1.5-inch hose connections.

3. Connect the pump's outlet (discharge) port to your pool's filter system inlet using 1.5-inch hose connections.
4. Ensure all connections are tight and leak-free.
5. Fill the pump's strainer basket with water to prime the pump before initial startup.
6. Connect the pump to a grounded 115V / 60Hz electrical outlet.

Powerful. Quiet. Efficient.

Upgrade to FlowXtreme™ Pro VS for a quieter, more efficient pool experience.



Customizable Performance

Adjustable speeds optimize energy use and maintain crystal-clear water



Enhanced Water Quality

Steady water flow improves filtration and chemical balance



User-friendly Controls

Simple setup and effortless operation for stress-free pool care



Image: The FlowXtreme PRO VS pump integrated into an above-ground pool's filtration system, demonstrating reliable water circulation.

OPERATING INSTRUCTIONS

Control Panel Overview

The FlowXtreme PRO VS pump features an intuitive LED control panel for easy operation and programming.



Image: A detailed view of the pump's smart control panel, highlighting its intuitive LED display for speed and timer settings.

Starting the Pump

1. Ensure the pump is properly primed and all valves are open to allow water flow.
2. Press the power button on the control panel to turn on the pump.
3. The pump will start at a default speed.

Adjusting Speed and Programming Timer

- Use the control panel buttons to adjust the RPM (revolutions per minute) of the pump. Lower RPMs consume less energy and are suitable for continuous filtration, while higher RPMs are ideal for backwashing or vacuuming.
- Access the timer function through the control panel to set up to four daily filtration periods. This allows the pump to run automatically at specified times and speeds.
- Refer to the detailed programming instructions in the separate quick start guide for specific steps on setting schedules.

Versatile Application

Perfect for above-ground pools and adaptable for various pool systems.

AMPS 6.4a

POWER 1 HP

VOLTAGE 115V

SPEED 1200-3450 RPM

WATER FLOW 2880-4863 GPH

MAX. HEAD 42.65 ft.



Image: The FlowXtreme PRO VS pump illustrating its customizable performance, enhanced water quality benefits, and user-friendly controls.

MAINTENANCE

Regular Cleaning

- **Strainer Basket:** Regularly inspect and clean the strainer basket located at the front of the pump. Turn off the pump, release pressure, remove the lid, empty debris, and rinse the basket.
- **Pump Exterior:** Keep the pump exterior clean and free of debris to ensure proper ventilation and prevent overheating.

Winterization

Before freezing temperatures arrive, it is crucial to properly winterize your pool pump to prevent damage:

1. Disconnect power to the pump.

- 2. Drain all water from the pump by removing the drain plugs.
- 3. Store the pump in a dry, warm place during the off-season.
- 4. Ensure all hoses and connections are also drained and stored appropriately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	No power; tripped breaker; motor overload; faulty wiring.	Check power supply, reset breaker, allow motor to cool, inspect wiring (consult electrician if needed).
Low water flow	Clogged strainer basket; clogged impeller; air leak in suction line; low water level in pool.	Clean strainer basket, inspect impeller for debris, check for air leaks, ensure adequate pool water level.
Pump is noisy	Air leak in suction line; cavitation (insufficient water); worn bearings.	Check for air leaks, ensure pump is properly primed, verify adequate water supply, contact support for bearing issues.
Pump leaks water	Loose connections; worn O-rings or seals; cracked housing.	Tighten connections, replace O-rings/seals, inspect housing for damage.

SPECIFICATIONS

Attribute	Value
Brand	Blue Wave
Model Number	NE9881
Power Source	Corded Electric
Voltage	115 Volts (AC)
Horsepower (HP)	1 HP
Speed Range	1200-3450 RPM
Water Flow	2880-4863 GPH
Max. Head	42.65 ft.
Product Dimensions	19.2"L x 7.72"W x 11"H
Item Weight	23.15 Pounds
Material	Plastic
Color	Black



Image: The FlowXtreme PRO VS pump displaying its versatile application and key technical specifications such as AMPS, POWER, VOLTAGE, SPEED, WATER FLOW, and MAX. HEAD.

WARRANTY AND SUPPORT

Manufacturer Warranty

This Blue Wave FlowXtreme PRO VS 115V Above Ground Pool Pump is backed by a one-year manufacturer warranty. This warranty covers defects in materials and workmanship under normal use and service.

Customer Support

For technical assistance, warranty claims, or replacement parts, please contact Blue Wave customer support. Refer to the product packaging or the official Blue Wave website for the most current contact information.

When contacting support, please have your product model number (NE9881) and purchase date available.