## Pentair 011533

# Pentair WhisperFlo VST Variable Speed Pool Pump (Model 011533 / EC-011533) Instruction Manual

For In-Ground Pool Systems

## 1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Pentair WhisperFlo VST Variable Speed Pool Pump. Please read this manual thoroughly before attempting to install or operate the pump. Retain this manual for future reference.
The Pentair WhisperFlo VST Variable Speed Pool Pump (Model 011533 / EC-011533) is designed for in-ground pool applications, offering variable speed technology for energy efficiency and quiet operation.

## 2. Important Safety Information

Always follow basic safety precautions to reduce the risk of fire, electric shock, and injury to persons, including the following:

- Disconnect power before servicing.
- Installation and servicing must be performed by qualified personnel.
- Ensure proper grounding and bonding of the pump.
- Do not operate the pump if it is damaged.
- Keep children away from the pump and pool equipment area.

## 3. Setup and Installation

The Pentair WhisperFlo VST pump is designed as a superior, drop-in replacement for existing Pentair WhisperFlo pool pumps, simplifying the upgrade process. It is also a suitable replacement for Pentair IntelliFlo variable speed pool pumps.

### 3.1. Placement

Position the pump on a solid, level surface, ensuring adequate ventilation and protection from direct sunlight and harsh weather conditions. The pump dimensions are approximately 28 x 12.5 x 15 inches, and it weighs 45 pounds. Allow sufficient space around the pump for maintenance and airflow.

### 3.2. Plumbing Connections

Connect the pump to your existing pool plumbing using appropriate fittings. Ensure all connections are watertight to prevent leaks and maintain optimal pump performance.

### 3.3. Electrical Wiring

The pump operates on 230 Volts AC power. Electrical wiring should be performed by a licensed electrician in accordance with local and national electrical codes. The totally enclosed fan-cooled (TEFC) motor ensures durability and protection from environmental elements.




Figure 1: Pentair WhisperFlo VST Variable Speed Pool Pump. This image shows the overall design of the pump, highlighting its robust construction and the Energy Star certification label.

## 4. Operating Instructions

The WhisperFlo VST pump features user-friendly programming, allowing you to select the best speed for your pool's needs, optimizing energy consumption and performance.

### 4.1. Control Panel Overview

The pump's integrated control panel allows for easy adjustment of operating speeds and schedules. It provides real-time feedback on RPM and wattage.




Figure 2: Pentair WhisperFlo VST Control Panel. This image displays the digital interface and buttons for programming and monitoring the pump's operation.

### 4.2. Variable Speed Operation

Utilize the variable speed technology to achieve significant energy savings. Running the pump at lower RPMs for longer durations can effectively circulate and filter pool water while minimizing electricity usage and noise levels. The pump is designed for quiet operation, with noise levels often below 45 decibels at lower speeds.

### 4.3. Programming Schedules

Program custom operating schedules to match your pool's filtration requirements and usage patterns. This allows for automated speed changes throughout the day, ensuring optimal water quality and energy efficiency.

## 5. Maintenance

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

- **Pump Basket Cleaning:** Periodically inspect and clean the pump basket to remove debris. A clogged basket can reduce flow and strain the pump.
- **Winterization:** In colder climates, follow proper winterization procedures to protect the pump from freezing temperatures. This typically involves draining the pump and plumbing lines.
- **Seal Inspection:** Regularly check for any leaks around the pump seals. Address leaks promptly to prevent damage.

## 6. Troubleshooting

If you encounter issues with your pump, consider the following basic troubleshooting steps:

- **Pump Not Starting:** Check the power supply, circuit breaker, and ensure the pump is properly connected. Verify that the control panel is not displaying any error codes.
- **Reduced Water Flow:** Inspect the pump basket for debris, check the skimmer and main drain for blockages, and ensure all valves are open.
- **Unusual Noise:** Listen for grinding or squealing sounds. This could indicate a motor issue or debris in the impeller. Disconnect power and inspect.
- **Leaks:** Identify the source of the leak. Tighten connections or replace worn seals if necessary.

For persistent issues, contact a qualified pool technician or Pentair customer support.

## 7. Specifications

| Attribute | Value |
|---|---|
| Brand | Pentair |
| Model Number | EC-011533 |
| Style | In Ground |
| Power Source | AC |
| Voltage | 230 Volts |
| Horsepower | 2.6 Horsepower |
| Item Weight | 45 Pounds |
| Product Dimensions | 28 x 12.5 x 15 inches |
| UPC | 788379888817 |

## 8. Warranty and Support

Pentair offers various protection plans for their products. For specific warranty details and to register your product, please refer to the documentation included with your purchase or visit the official Pentair website. Protection plans, such as 4-Year Protection Plan and Complete Protect, may be available for purchase separately.

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