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**PONDO 316PSC**

# PONDO 12 Inch 316 Stainless Steel Spillway with 7-Color LED Light Bar Instruction Manual

Model: 316PSC

## Introduction

Thank you for choosing the PONDO 12 Inch 316 Stainless Steel Spillway with 7-Color LED Light Bar. This product is designed to create a beautiful waterfall effect in your outdoor space, featuring durable 316 stainless steel construction for saltwater corrosion resistance and customizable LED lighting. This manual provides essential information for safe installation, operation, and maintenance.

## Safety Information

- Always disconnect power before installation or maintenance.
- Ensure all electrical connections are waterproof and meet local codes.
- Do not operate the spillway without sufficient water flow.
- Keep children and pets away from the water feature during operation.
- Consult a qualified electrician or plumber if you are unsure about any installation steps.

## Package Contents

Verify that all components are present before beginning installation:




**Figure 1: Complete Waterfall Spillway Kit Components.** This image displays all items included in the package, such as the 12-inch stainless steel waterfall spillway, screw pack, product care guide, IP68 LED strip light, remote controller, IP67 adapter, remote control pad, NPT 1.0" connector, PVC male thread coupling, end cap, clamp, PTFE tape, brackets, scouring pad, and 35.4 inch PVC explosion-proof tube.

- 12 Inch 316 Stainless Steel Waterfall Spillway
- Screw Pack
- Product Care Guide
- IP68 LED Strip Light
- Remote Controller
- IP67 Adapter
- Remote Control Pad
- NPT 1.0" Connector
- PVC Male Thread Coupling
- End Cap

- Clamp
- PTFE Tape
- Brackets (2)
- Scouring Pad
- 35.4 inch PVC Explosion Proof Tube

## Specifications

| Feature | Detail |
| --- | --- |
| Model Number | 316PSC |
| Material | 316 Stainless Steel |
| Dimensions (L x W x H) | 14"L x 10"W x 7"H (for 12 Inch model) |
| LED Lighting | 7-Color LED Light Bar (IP68) |
| Power Source | Corded Electric (IP67 Adapter) |
| Corrosion Resistance | Saltwater Resistant |
| Water Inlets | Two inlets (bottom and back) for flexible installation |




**Figure 2: Product Dimensions and Water Inlets.** This diagram illustrates the length, width, and height of the spillway, along with the two 1.2-inch water inlets located on the bottom and back for versatile plumbing connections.

## Setup and Installation

This waterfall fountain requires an external water pump (not included). We recommend using a Y strainer filter to prevent scale buildup and maintain water cleanliness.

### Installation Options:

1. **Submersible Pump Installation (Plan A):**
   For installations where the pump is placed directly in the water reservoir. Ensure the pump is adequately sized for the spillway's flow requirements.

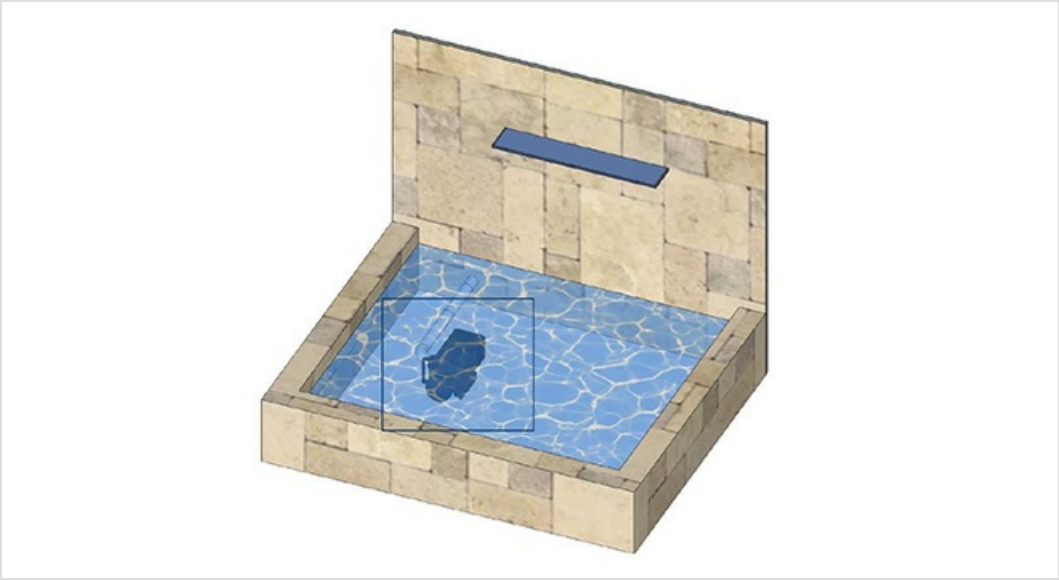


**Figure 3: Submersible Pump Installation Diagram.** This diagram illustrates the setup where the water pump is submerged within the water feature, connected to the spillway.

2. **Priming Pump Installation (Plan B):**
   For installations where the pump is located outside the water reservoir. This setup typically involves a self-priming pump or a pump that requires manual priming.

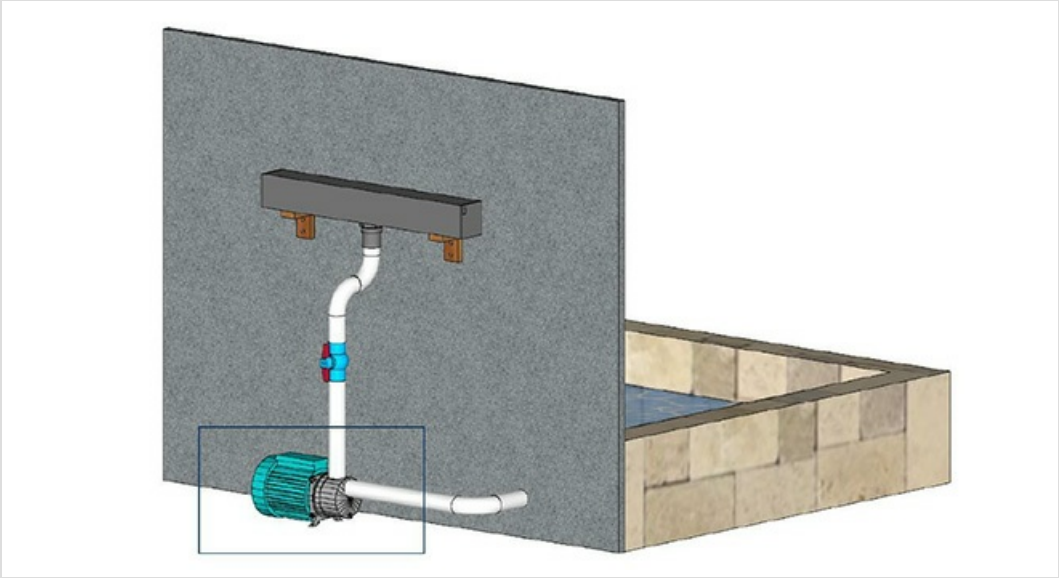


**Figure 4: Priming Pump Installation Diagram.** This diagram shows an external pump setup, where the pump is located outside the water feature and connected to the spillway via plumbing.

**General Installation Notes:**

- The spillway features two 1.2-inch water inlets (bottom and back) for flexible plumbing connections.
- Use the provided PTFE tape on all threaded connections to ensure a watertight seal.
- Securely mount the spillway using the provided brackets and screws.
- An inspection port can be reserved during installation to facilitate future replacement or maintenance of components.

Your browser does not support the video tag.

**Video 1: 316 Stainless Steel Spillway with 7-Color LED Light.** This video demonstrates the appearance and functionality of the spillway, including the water flow and LED lighting effects, providing a visual guide for potential installation outcomes.

## Operating Instructions

### LED Light Bar Operation:

The spillway is equipped with a 7-color LED light bar, controlled by the included remote control pad. Ensure the IP67 adapter is connected to a power source and the LED strip light is properly connected to the adapter.




**Figure 5: 7-Color LED Light Bar.** This image displays the spillway with its LED light bar illuminating the water in various colors, along with the remote control used to change settings.

- Use the remote control to power the LED lights on/off.
- Select from 7 static colors to create a consistent ambiance.
- Choose dynamic color-changing modes for a varied visual display.
- Adjust brightness and speed of dynamic modes using the remote control.

## Maintenance

### 316 Stainless Steel Care:

The 316 stainless steel construction offers superior corrosion resistance, especially in saltwater environments. However, minor rust formation can occur due to long-term outdoor exposure to water.




**Figure 6: Stainless Steel Material and Maintenance.** This image highlights the 316 stainless steel material and demonstrates the use of a scouring pad to remove minor rust spots that may appear due to prolonged water exposure.

- To address minor rust formation, gently rub the affected area with the provided "SOUR PAD" (scouring pad) to restore the surface.
- Regularly clean the spillway surface with a soft cloth and mild detergent to prevent mineral buildup and maintain its appearance.
- Ensure the water pump and filter (if used) are regularly cleaned according to their respective manuals to maintain optimal water flow and prevent clogging.

## Troubleshooting

- **No Water Flow:** Check if the water pump is powered on and functioning. Ensure water levels in the reservoir are adequate. Inspect plumbing for blockages or kinks. Clean any filters.
- **Uneven Water Flow:** Verify that the spillway is level. Check for debris in the spillway opening. Ensure the pump is

providing consistent pressure.

- **LED Lights Not Working:** Check power connections to the IP67 adapter and the LED strip. Ensure the remote control has working batteries and is pointed correctly at the receiver.
- **Rust Spots:** Refer to the Maintenance section for instructions on using the scouring pad.

## Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact PONDO customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

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