

## Outsunny 848-016V90GY

# Outsunny 252x152x65 cm Rectangular Detachable Pool with Cartridge Filter Pump (Model 848-016V90GY) - Instruction Manual

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## 1. PRODUCT OVERVIEW

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Thank you for choosing the Outsunny Rectangular Detachable Pool. This pool is designed for outdoor use, providing a refreshing experience for adults and children. It features a robust tubular steel frame and durable PVC walls, complete with an integrated cartridge filter pump to maintain water cleanliness. Please read this manual thoroughly before assembly and use to ensure safe operation and longevity of your product.



Image 1.1: Outsunny rectangular detachable pool set up in a backyard with a child playing in it.

## 2. IMPORTANT SAFETY INFORMATION

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**WARNING:** Failure to follow these instructions can result in serious injury or death.

- Adult supervision is required at all times when children are in or near the pool.
- Do not dive or jump into the pool. The water depth is not sufficient for diving.
- Keep children away from the filter pump and electrical components.
- Ensure the pool is set up on a level, stable surface to prevent collapse.
- Empty the pool completely when not in use for extended periods or during cold weather.
- Do not sit, stand, or climb on the pool walls or frame.
- Keep all electrical cords away from water.
- Regularly check the pool for signs of wear, damage, or leaks.

## 3. PACKAGE CONTENTS

Before beginning assembly, ensure all parts listed below are present and undamaged. If any parts are missing or damaged, do not proceed with assembly and contact customer support.

- Pool Liner (1)
- Steel Frame Tubes (various lengths and types)
- Corner Joints and Connectors
- Cartridge Filter Pump (1)
- Filter Cartridge (1)
- Hoses and Clamps
- Drain Valve Cap
- Repair Patch Kit
- Instruction Manual (this document)

## PISCINA TUBULAR DE OUTSUNNY

- Fácil de Montar y Desmontar
- Ideal para refrescarse y disfrutar del verano al aire libre



Por seguridad, lee detenidamente el manual de instrucciones y advertencias de esta piscina

Image 3.1: Overview of pool components for assembly.

### 4. SETUP AND ASSEMBLY

## 4.1 Site Selection

- Choose a firm, level surface free of sharp objects, debris, or loose soil.
- Ensure the area is clear of overhead power lines and at least 2 meters (6.5 feet) from any electrical outlet.
- Avoid setting up on slopes or uneven ground, as this can cause the pool to collapse.
- Consider proximity to a water source for filling and a drainage area for emptying.

## 4.2 Frame Assembly

1. Unfold the pool liner and lay it flat in the chosen location, ensuring the drain valve is positioned correctly for future draining.
2. Identify the different types of steel frame tubes and connectors.
3. Assemble the horizontal top rails by sliding them through the sleeves at the top edge of the pool liner.
4. Connect the vertical support legs to the horizontal rails using the provided corner joints and connectors. Ensure all connections are secure.
5. Repeat the process for the bottom frame, connecting the vertical legs to the bottom horizontal supports.



Image 4.1: Detail of a secure corner joint connection.

### 4.3 Filter Pump Connection

1. Attach the filter pump to the designated inlet and outlet ports on the pool liner using the provided hoses and clamps. Ensure all connections are tight to prevent leaks.
2. Place the filter pump on a stable, dry surface, away from the pool edge.
3. Ensure the filter cartridge is correctly installed inside the pump housing.

## INCLUYE DEPURADORA DE CARTUCHO



Evita tener que cambiar frecuentemente el agua



Mejora la circulación



Mantiene el agua limpia



Salida

Entrada

Image 4.2: Filter pump inlet and outlet connections.

### 4.4 Filling the Pool

1. Begin filling the pool with water. As the water level rises, gently smooth out any wrinkles in the pool liner.
2. Fill the pool to the recommended water level, typically indicated by a fill line on the liner or approximately 80% of the pool's height. Do not overfill.
3. Once filled, check all connections for leaks.

## 5. OPERATING INSTRUCTIONS

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## 5.1 Filter Pump Operation

- The cartridge filter pump is designed to circulate and filter the pool water, removing debris and impurities.
- Plug the pump into a grounded electrical outlet. Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI).
- Operate the pump for several hours each day (e.g., 4-6 hours) to ensure proper water circulation and filtration. The exact duration depends on pool usage and environmental conditions.
- Never run the pump dry. Ensure the pool water level is above the pump's inlet before starting.

## 5.2 Water Chemistry

- Regularly test the pool water for pH and sanitizer levels (e.g., chlorine).
- Adjust water chemistry as needed using appropriate pool chemicals to maintain safe and clean water. Follow chemical manufacturer's instructions carefully.

## 6. MAINTENANCE

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### 6.1 Filter Cartridge Cleaning and Replacement

- Turn off and unplug the filter pump before performing any maintenance.
- Remove the filter cartridge from the pump housing.
- Rinse the cartridge thoroughly with a garden hose to remove accumulated debris.
- Replace the filter cartridge every 2-4 weeks, or more frequently with heavy use, to ensure optimal filtration.

### 6.2 Pool Cleaning

- Regularly skim the surface of the pool to remove leaves and other floating debris.
- Use a pool vacuum or brush to clean the bottom and sides of the pool liner as needed.



Image 6.1: Example of pool cleaning using a net.

### 6.3 Draining and Storage

- To drain the pool, remove the cap from the drain valve located on the side of the pool liner.
- Attach a garden hose to the drain valve to direct water away from your property, if desired.
- Once empty, clean and dry the pool liner and frame components thoroughly.
- Disassemble the pool frame and store all components in a dry, protected area, away from extreme temperatures and pests.



Image 6.2: Detail of the pool's internal drain plug.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Water is cloudy or dirty	Insufficient filtration; dirty filter cartridge; improper water chemistry.	Run filter pump longer; clean or replace filter cartridge; test and adjust water chemistry.
Filter pump not working	Not plugged in; power outage; clogged impeller; faulty motor.	Check power connection and GFCI; clear any blockages; contact customer support if motor is faulty.
Pool is leaking	Hose connections loose; puncture in liner.	Tighten hose clamps; use provided repair patch kit for punctures.
Frame feels unstable	Uneven ground; loose connections.	Ensure pool is on a perfectly level surface; re-check all frame connections.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	848-016V90GY
Overall Dimensions (L x W x H)	252 cm x 152 cm x 65 cm (99.2 in x 59.8 in x 25.6 in)
Inner Dimensions (L x W x H)	243 cm x 146 cm x 65 cm (95.7 in x 57.5 in x 25.6 in)
Water Capacity	2163 Liters (571.4 Gallons)
Filter Pump Flow Rate	1200 Liters/Hour (317 Gallons/Hour)
Material	1000D PVC (Liner), Powder-Coated Steel (Frame)
Shape	Rectangular
Color	Light Grey
Product Weight	16.4 kg (36.2 lbs)



Image 8.1: Pool dimensions diagram.

## 9. WARRANTY AND CUSTOMER SUPPORT

Specific warranty information for this product is not provided in the available details. For warranty claims, missing parts, or technical assistance, please contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: SPANISH AOSOM

For more information about Outsunny products, you may visit the [Outsunny Brand Store](#).