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- › Coleman 18' x 48" Power Steel Frame Above-Ground Swimming Pool Set - Instruction Manual

Coleman

Coleman 18' x 48" Power Steel Frame Above-Ground Swimming Pool Set - Instruction Manual

Model: B01IDENENO | UPC: 821808903238

1. INTRODUCTION

This instruction manual provides essential information for the safe and efficient setup, operation, and maintenance of your Coleman 18' x 48" Power Steel Frame Above-Ground Swimming Pool Set. Please read this manual thoroughly before assembly and use to ensure proper installation and to maximize the lifespan of your pool. This pool is designed for recreational use and is suitable for family and friends to enjoy during warmer months.

2. SAFETY INFORMATION

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

- **Adult Supervision Required:** Always supervise children and non-swimmers. Drowning can occur quickly and silently.
- **Secure Pool Access:** Always remove the ladder when the pool is not in use to prevent unsupervised access by children.
- **No Diving or Jumping:** The pool is not deep enough for diving or jumping. Serious injury can result.
- **Electrical Safety:** Ensure all electrical components (pump, filter) are connected to a Ground Fault Circuit Interrupter (GFCI) outlet. Do not use extension cords.
- **Chemical Handling:** Handle pool chemicals with care. Follow manufacturer instructions for storage and application. Keep chemicals out of reach of children.
- **Site Selection:** Choose a level, stable surface free of sharp objects. Do not set up the pool on a slope.
- **Drainage:** Ensure proper drainage away from the pool area to prevent water accumulation.
- **Emergency Preparedness:** Keep emergency contact information readily available.

3. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before beginning assembly. If any parts are missing or damaged, contact Coleman customer support.

- Power Steel Frame Pool Liner
- Rust-resistant Metal Frame Components
- Filter Pump
- Ladder
- Pool Cover
- Ground Cloth
- Maintenance Kit (skimmer, vacuum head, pole)
- Advanced Repair Patch
- Instructional DVD (for visual guidance)

4. SETUP AND ASSEMBLY

4.1 Site Preparation

Select a firm, level surface for your pool. The area must be free of sharp objects, rocks, and debris. Ensure the ground is completely flat to prevent uneven water distribution and stress on the pool structure. A slight slope can cause the pool to collapse.

4.2 Ground Cloth Placement

Unfold the ground cloth and lay it flat in the chosen area. This cloth provides an additional layer of protection for the pool liner from ground abrasions.



Figure 4.2: Pool liner placed on the green ground cloth, ready for frame assembly.

4.3 Frame Assembly

Carefully unroll the pool liner and spread it out on the ground cloth. Begin assembling the metal frame components according to the diagrams in the included instructional DVD. Ensure all connections are secure and locked into place. The frame provides the structural integrity for the pool.

4.4 Filling the Pool

Once the frame is fully assembled and the liner is properly seated, begin filling the pool with water. As the water level rises, smooth out any wrinkles in the bottom of the liner by walking gently across it. Stop filling when the water reaches the recommended fill line, typically indicated on the liner or in the instructional materials.



Figure 4.4: The Coleman Power Steel Frame Pool fully assembled and filled with water, ready for use.

4.5 Filter Pump Connection

Connect 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. The filter pump is crucial for maintaining water clarity and hygiene.



Figure 4.5: The filter pump with its hose connections, essential for water circulation and filtration.

4.6 Ladder Placement

Assemble the ladder according to its specific instructions. Place the ladder firmly on the ground outside the pool and against the pool wall, ensuring it is stable before use. Always remove the ladder when the pool is not in use to prevent unauthorized access.



Figure 4.6: The pool ladder providing safe entry and exit from the pool.

5. OPERATING YOUR POOL

5.1 Initial Water Treatment

Before first use, test your pool water using a pool test kit. Adjust pH levels (ideally between 7.4 and 7.6) and add appropriate sanitizers (e.g., chlorine) as recommended by chemical manufacturers. Proper water chemistry is vital for swimmer safety and pool longevity.

5.2 Filter Pump Operation

Operate the filter pump daily to circulate and filter the pool water. The duration of operation depends on pool size, usage, and water conditions, but typically 8-12 hours per day is recommended. Refer to the pump's specific manual for detailed operating instructions.

5.3 Pool Cover Usage

Use the provided pool cover when the pool is not in use. This helps to keep debris out of the water, reduce evaporation, and maintain water temperature. Secure the cover tightly to prevent it from being blown off by wind.



Figure 5.3: The pool covered, protecting it from debris and reducing water evaporation.

6. MAINTENANCE

6.1 Regular Cleaning

Regularly skim the surface of the pool to remove leaves and other floating debris. Use the included vacuum head and pole to clean the bottom of the pool. Brushing the pool walls helps prevent algae growth.



Figure 6.1: The included maintenance kit for keeping your pool clean.

6.2 Filter Cartridge Maintenance

The filter cartridge in your pump should be cleaned regularly (e.g., every few days) by rinsing it with a garden hose. Replace the cartridge every 2-4 weeks, or more frequently depending on pool usage and water conditions, to ensure optimal filtration.

6.3 Water Chemistry Monitoring

Test your pool water daily or every other day for pH, chlorine, and alkalinity levels. Adjust chemicals as needed to maintain balanced water, which prevents algae, bacterial growth, and corrosion of pool components.

6.4 Winterizing (Seasonal Storage)

Before freezing temperatures arrive, the pool must be properly winterized. Drain the pool completely using the flow control drain valve. Disassemble the frame and liner, clean all components, and allow them to dry thoroughly. Store all parts in a dry, protected area away from extreme temperatures and pests.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cloudy Water	Insufficient filtration, improper chemical balance, high organic load.	Run filter pump longer, clean/replace filter cartridge, test and adjust water chemistry, shock treat the pool.
Pump Not Working	Power supply issue, clogged impeller, air in system, faulty pump.	Check power connection and GFCI, clear debris from impeller, prime the pump, contact customer support if pump is faulty.
Water Leak	Puncture in liner, loose hose connections, faulty drain valve.	Locate and repair puncture with included patch, tighten all hose clamps, inspect drain valve for proper seal.
Algae Growth	Low sanitizer levels, poor circulation, high phosphates.	Increase chlorine/sanitizer, brush pool walls, run filter longer, consider algaecide.

8. SPECIFICATIONS

Brand: Coleman

Capacity: 23,062 Liters (6,092 Gallons)

Product Dimensions: 216.14"L x 216.14"W x 48.03"H (18' x 48")

Shape: Round

Color: Brown (frame exterior)

Material: Polyvinyl Chloride (PVC), Metal

Included Components: Filter Pump, Ground Cloth, Filter Cartridge, Ladder, Pool Cover, Maintenance Kit, Advanced Repair Patch

Item Weight: 200 Pounds

Manufacturer: ColemanPool

UPC: 821808903238

Assembly Required: Yes (User Assembly)

Usage: Outdoor

9. WARRANTY AND SUPPORT

This Coleman Power Steel Frame Above-Ground Swimming Pool Set is backed by a manufacturer's warranty. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or contact Coleman customer support directly. Keep your proof of purchase for warranty claims.

For technical assistance, missing parts, or any other inquiries, please contact Coleman customer support. Contact

information can typically be found on the product packaging or on the official Coleman website.

Note: The product is eligible for 30-day easy returns through the retailer, subject to their return policy.