

Blue Wave NB3110

User Manual

BLUE WAVE MARTINIQUE 15-FEET ROUND 52-INCH DEEP ABOVE-GROUND SWIMMING POOL PACKAGE

Brand: Blue Wave | **Model:** NB3110

1. Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Blue Wave Martinique Above-Ground Swimming Pool. Designed for durability and ease of use, this pool package includes essential components for a complete backyard aquatic experience. Please read this manual thoroughly before beginning installation or operation to ensure proper assembly, safe use, and longevity of your pool.

2. Safety Information

Your safety and the safety of others are paramount. Adhere to all safety warnings and instructions. Failure to do so may result in serious injury or property damage.

- Always supervise children and non-swimmers when the pool is in use.
- Do not dive or jump into the pool. The pool depth is not suitable for diving.
- Ensure the pool area is clear of obstructions and hazards.
- Secure the ladder or remove steps when the pool is not in use to prevent unsupervised access by children.
- Keep all electrical devices away from the pool.
- This product contains small parts which may present a choking hazard for young children.
- **WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

3. Package Contents

Verify that all components listed below are present and undamaged before beginning assembly. If any parts

are missing or damaged, contact customer support immediately.

- Galvanized Steel Pool Wall
- 7-Inch Top Rails and Uprights
- Overlap Standard-Gauge Liner
- Skimmer and Return System
- Sand Filter System with 1-HP Dual-Speed Pump
- A-Frame Flip-Up Ladder
- Maintenance Kit (Nylon Wall Brush, Vinyl Liner Vacuum Head, Leaf Skimmer, 3-Piece 12-Ft Pole, Thermometer, 25-Ft Vacuum Hose)
- Hardware and Fasteners
- Instruction Manual



Figure 3.1: Overview of the Blue Wave Martinique pool package components, including the main pool structure, sand filter system, A-frame ladder, blue overlap liner, skimmer, and various maintenance tools.

4. Setup and Installation

This section outlines the steps for assembling your above-ground pool. It is recommended to have at least

two adults for installation.

4.1 Site Preparation

1. **Choose a Level Location:** Select a firm, level area in your yard. The ground must be completely flat to ensure the structural integrity of the pool.
2. **Clear the Area:** Remove all rocks, roots, sharp objects, and debris from the chosen site.
3. **Ensure Proper Drainage:** Position the pool away from structures or areas where water runoff could cause damage.

4.2 Pool Assembly

1. **Unroll the Pool Wall:** Carefully unroll the galvanized steel pool wall in a circular shape, ensuring the skimmer and return openings are positioned correctly.
2. **Install Bottom Rails and Uprights:** Connect the bottom rails and secure the steel uprights around the perimeter of the pool wall.
3. **Install Top Rails:** Attach the 7-inch top rails and resin top caps to the uprights, forming the top perimeter of the pool. These components are designed for strength and corrosion resistance.
4. **Install Liner:** Carefully unfold and position the overlap standard-gauge liner inside the pool structure. Ensure it is centered and smooth out any wrinkles as you begin to fill the pool with water.
5. **Install Skimmer and Return System:** Follow the specific instructions provided with the skimmer and return system to cut the liner and securely install these components.



Crafted for Durability and Longevity

Offers a stylish, space-efficient design perfect for various yard sizes.

Figure 4.1: Detailed view of the pool's construction, highlighting the 15 ft diameter, 52-inch depth, hot-dip galvanized steel with zinc-aluminum coating, steel uprights for stability, resin top caps for joint protection, and 7-inch top rails for structural reinforcement.

4.3 Ladder Installation

1. **Assemble Ladder:** Follow the instructions provided with the A-frame flip-up ladder to assemble it correctly. Ensure all bolts and fasteners are tightened securely.
2. **Position Ladder:** Place the ladder on a solid, level surface outside the pool, with the steps extending into the pool.
3. **Secure Ladder:** Ensure the ladder is stable and does not wobble. The ladder is made of durable resin and supports up to 250 lbs.
4. **Utilize Flip-Up Steps:** When the pool is not in use, flip up the steps and secure them to block access, enhancing safety.

Sandman™ Sand Filter System



16,000-Gal Turnover Rate

Keeps water circulating for a cleaner pool



1.5" Diameter Pipe Fitting

Engineered for easy & secure connections



1.0-HP Dual Speed Pump

Circulation rate of 3,720 gal. per hour



110-Lbs Sand Capacity

Effectively traps dirt and debris

Figure 4.2: Illustration of the pool ladder's safety and comfort features, including durable resin materials, a built-in platform for safe entry and exit, a two-piece barrier for added safety, and lockable flip-up steps to block access when not in use. The ladder dimensions are 81 inches high, 48 inches wide at the base, and 24 inches deep, with a 250-pound weight capacity.

5. Operation

This section details how to operate your Blue Wave Martinique pool and its filtration system.

5.1 Filling the Pool

Once the pool structure and liner are fully installed, begin filling the pool with water. The pool has a water capacity of approximately 5,130 gallons. As the pool fills, continue to smooth out any wrinkles in the liner.

5.2 Filter System Operation

The included Sandman™ sand filter system is crucial for maintaining clean and clear pool water.

- **Initial Setup:** Before operating, ensure the filter tank is filled with the appropriate amount of filter sand (110 lbs capacity).
- **Connecting Hoses:** Connect the hoses from the skimmer and return system to the filter pump and filter tank as per the filter system's specific instructions.

- **Power On:** Plug in the 1-HP dual-speed pump. The pump delivers a 16,000-gallon turnover rate and a circulation rate of 3,720 gallons per hour.
- **Run Time:** Operate the filter system daily for several hours to ensure proper water circulation and filtration. The exact duration will depend on pool usage and environmental factors.



Figure 5.1: The Sandman™ Sand Filter System, featuring a 16,000-gallon turnover rate for efficient water circulation, 1.5-inch diameter pipe fittings for secure connections, a 1.0-HP dual-speed pump with a 3,720 gallons per hour circulation rate, and a 110-pound sand capacity for effective dirt and debris trapping.

6. Maintenance

Regular maintenance is essential for keeping your pool clean, safe, and extending its lifespan.

6.1 Routine Cleaning

- **Skimming:** Use the leaf skimmer daily to remove floating debris from the water surface.
- **Brushing:** Use the nylon wall brush to brush the pool walls and floor at least once a week to prevent algae growth and loosen debris.
- **Vacuuming:** Connect the vinyl liner vacuum head to the 25-ft vacuum hose and the skimmer to vacuum the pool floor as needed.

- **Filter Backwashing:** Periodically backwash your sand filter as indicated by pressure gauge readings or reduced flow, to clean the filter media. Refer to your filter system manual for detailed instructions.



Figure 6.1: The Economy Maintenance Kit includes essential tools for pool upkeep: a nylon wall brush, vinyl liner vacuum head, leaf skimmer, a 3-piece 12-foot pole, a thermometer, and a 25-foot vacuum hose.

6.2 Water Chemistry

Regularly test and balance your pool water chemistry using a pool test kit. Maintain appropriate levels for pH, alkalinity, calcium hardness, and sanitizer (e.g., chlorine) to ensure water quality and prevent damage to pool components.

6.3 Winterization

Before freezing temperatures arrive, properly winterize your pool to protect it from damage. This typically involves cleaning the pool, balancing water chemistry, lowering the water level, draining equipment, and covering the pool. Consult a pool professional or specific winterization guides for detailed steps.

7. Troubleshooting

This section addresses common issues you might encounter with your pool and provides potential solutions.

Problem	Possible Cause	Solution
Water Leaking from Pool	Liner puncture or tear; Loose connections at skimmer/return; Damaged pump/filter components.	Inspect liner for damage and patch if necessary. Tighten all hose clamps and connections. Check pump and filter for cracks or loose fittings.
Filter Pump Not Operating / Low Flow	No power; Clogged skimmer basket/pump impeller; Low water level; Dirty filter sand.	Check power supply and circuit breaker. Clean skimmer basket and pump impeller. Ensure water level is above skimmer opening. Backwash filter or consider sand replacement.
Cloudy Pool Water	Improper water chemistry; Insufficient filtration; Algae growth.	Test and balance water chemistry (pH, alkalinity, sanitizer). Increase filter run time. Backwash filter. Shock treat the pool if algae is present.
Ladder Instability	Improper assembly; Uneven ground; Loose fasteners.	Re-check ladder assembly instructions and tighten all fasteners. Ensure the ground beneath the ladder is level and firm.

8. Specifications

Feature	Detail
Brand	Blue Wave
Model Number	NB3110
Shape	Round
Product Dimensions (L x W x H)	180" x 180" x 52" (15-Foot Diameter x 52-Inch Deep)
Water Capacity	5,130 Gallons (approx.)
Material	Alloy Steel (Galvanized Steel Wall with Zinc-Aluminum Coating)
Top Rail Size	7-Inch
Filter System	Sandman™ Sand Filter with 1-HP Dual-Speed Pump
Filter Turnover Rate	16,000 Gallons
Pump Circulation Rate	3,720 Gallons/Hour
Sand Capacity (Filter)	110 Lbs
Ladder Weight Capacity	250 Lbs
Included Components	Skimmer, Return System, Blue Overlap Liner, Sand Filter & Pump System, A-Frame Ladder, Maintenance Kit
Item Weight (Package)	1 Pound (Note: This is likely a placeholder or incorrect weight for the entire package)
UPC	672875400140
Country of Origin	Japan

9. Warranty Information

The Blue Wave Martinique Above-Ground Swimming Pool Package is backed by a **20-year limited warranty**. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation included with your product or contact Blue Wave customer support.

Safety Meets Comfort

Durable Resin Materials

Built-in platform for
safe entry and exit

Two Piece Barrier

Provides added safety,
especially for children

Lockable Flip-Up Steps

Blocks access when
not in use



Figure 9.1: An image indicating a 15-year limited warranty, though the product description states a 20-year limited warranty. Please refer to the official warranty documentation for the most accurate and up-to-date warranty period.

10. Customer Support

If you have any questions, require assistance with assembly, or need to report missing or damaged parts, please contact Blue Wave customer support. Have your model number (NB3110) and proof of purchase ready when contacting support.

For the most current contact information, please visit the official Blue Wave website or refer to the packaging materials.