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Blue Wave Montilla 12-ft x 24-ft Oval Above Ground Swimming Pool Instruction Manual

Model: NB9935 | Brand: Blue Wave

1. INTRODUCTION

Welcome to the Blue Wave Montilla 12-ft x 24-ft Oval Above Ground Swimming Pool. This manual provides essential information for the safe and efficient setup, operation, and maintenance of your new pool. Please read all instructions carefully before beginning installation or use.

Your Montilla pool package is designed for durability and ease of use, featuring hot-dip galvanized steel walls, a high-efficiency Sandman sand filter system, an A-frame ladder, and a comprehensive maintenance kit. This complete set ensures a refreshing and enjoyable swimming experience for years to come.



Montilla Oval Pool Package



Hard
Steel Walls



Fade Resistant
Materials



Rust
Resistant

6,300
GALLONS
WATER CAPACITY



Image: Overview of the Blue Wave Montilla Oval Pool Package, highlighting its key features and water capacity.

2. SAFETY INFORMATION

Your safety and the safety of others are paramount. Always follow these safety guidelines to prevent accidents and injuries.

- **Adult Supervision:** Never leave children unattended in or around the pool.
- **No Diving:** This is an above-ground pool. Do not dive or jump into the pool. Serious injury or death may result.
- **Ladder Safety:** The included A-frame ladder is designed for safe entry and exit. Ensure it is properly assembled and secured. Utilize the lockable flip-up steps to block access when the pool is not in use, especially to prevent unsupervised access by children. The ladder supports up to 250 lbs.
- **Chemical Handling:** Store pool chemicals safely, out of reach of children and pets. Follow all

manufacturer instructions for chemical dosage and handling.

- **Electrical Safety:** Ensure all electrical components, such as the filter pump, are connected to a Ground Fault Circuit Interrupter (GFCI) outlet. Do not operate electrical devices near the pool.
- **Pool Area:** Keep the pool area clear of obstacles and ensure adequate lighting for night use.



Image: Detailed view of the A-frame ladder, illustrating its dimensions, durable construction, and safety features like the lockable flip-up steps.

3. SETUP

Proper site preparation and assembly are crucial for the longevity and stability of your pool. While designed for DIY setup, careful attention to each step is required.

3.1 Site Preparation

1. **Choose a Level Location:** Select a firm, level area free of rocks, roots, or sharp objects. The ground

must be perfectly level to ensure the pool walls are not stressed unevenly.

2. **Clear the Area:** Remove all debris and vegetation. Consider laying down a ground cloth or sand base for added protection and leveling.
3. **Accessibility:** Ensure there is sufficient space around the pool for maintenance, access, and the filter system.

3.2 Pool Assembly

The Montilla pool features hot-dip galvanized steel walls and 6-inch steel top rails for robust construction. The .32mm galvanized steel walls with zinc-aluminum coating provide enhanced durability and rust resistance.

1. **Unpack Components:** Carefully unpack all boxes and identify all parts against the packing list.
2. **Wall Installation:** Follow the specific instructions provided with your pool for unrolling and securing the steel wall. Ensure the wall is properly aligned and connected.
3. **Frame Assembly:** Assemble the 6-inch steel top rails and 5-inch steel verticals according to the diagrams. These components provide structural integrity.
4. **Liner Installation:** Carefully install the overlap liner, ensuring it is smooth and free of wrinkles before filling the pool.
5. **Skimmer and Return System:** Install the wide-mouth skimmer and return system as per the instructions.
6. **Ladder Assembly:** Assemble the A-frame ladder and place it securely.

Hot-Dip Galvanized Steel with Zinc-Aluminum Coating

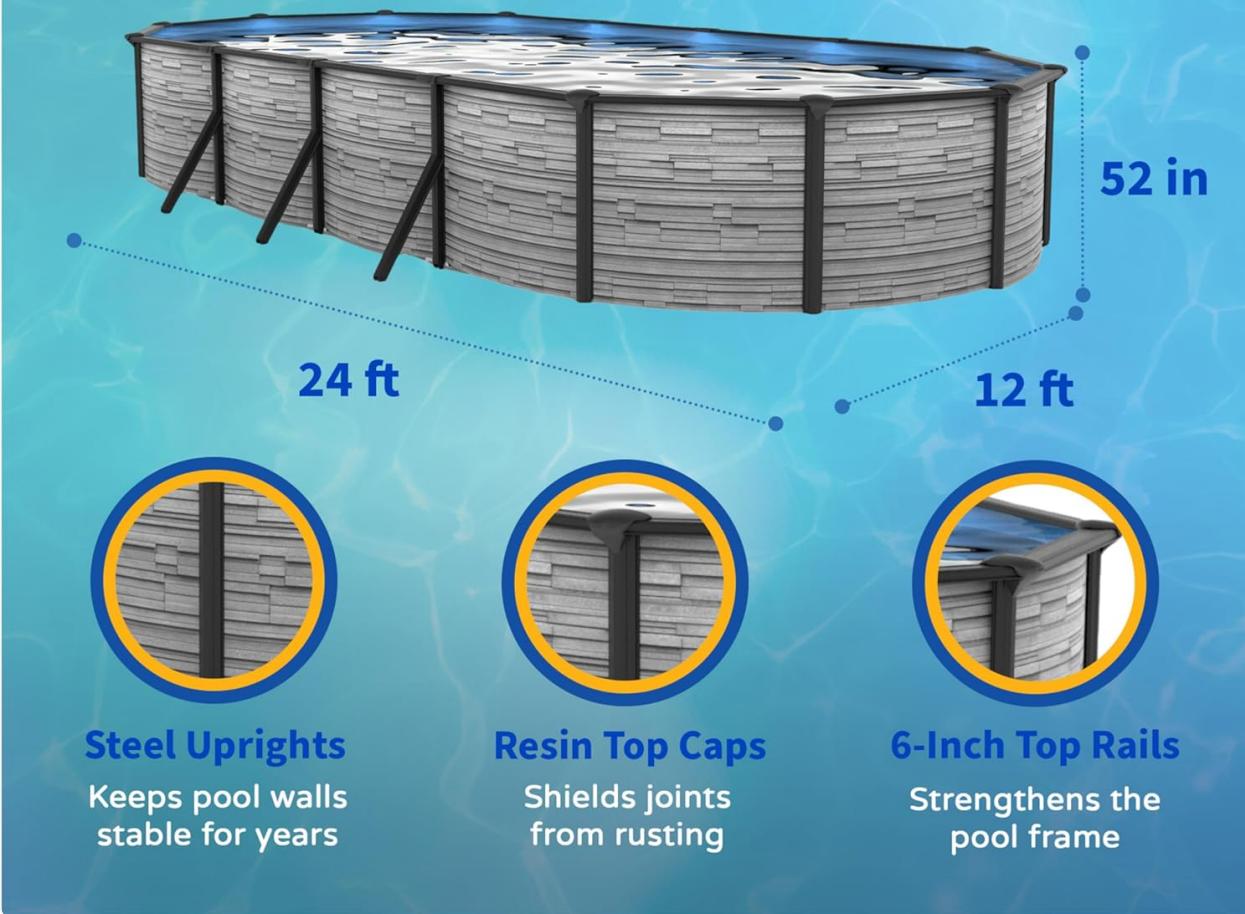


Image: Structural details of the pool, emphasizing the hot-dip galvanized steel, steel uprights, resin top caps, and 6-inch top rails for enhanced durability.

4. OPERATING

Once your pool is assembled, follow these steps for initial filling and filter system operation.

4.1 Filling the Pool

1. Begin filling the pool with water. As the water level rises, smooth out any remaining wrinkles in the liner.
2. Stop filling when the water level reaches the middle of the skimmer opening.

4.2 Filter System Operation

Your pool is equipped with a Sandman sand filter and a 1-HP dual-speed pump, designed for high-efficiency filtration and clear water maintenance.

- Initial Setup:** Before operating, ensure the sand filter is filled with the correct amount of filter sand (110 lbs capacity) and all connections are secure.
- Priming the Pump:** Follow the pump manufacturer's instructions to prime the pump before its first use.
- Operation Modes:** The pump typically has multiple settings (e.g., Filter, Backwash, Rinse, Waste, Recirculate, Closed). For normal operation, set the valve to 'Filter'.
- Run Time:** Operate the filter pump daily to ensure proper circulation and filtration. The 1-HP dual-speed pump provides a circulation rate of 3,720 gallons per hour, ensuring a 16,000-gallon turnover.
- Skimmer Use:** The wide-mouth skimmer will collect surface debris. Regularly empty the skimmer basket.

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

Image: The Sandman Sand Filter System, detailing its components and performance specifications for efficient water circulation and filtration.

5. MAINTENANCE

Regular maintenance is essential to keep your pool clean, safe, and in optimal condition.

5.1 Water Chemistry

Maintain proper water balance to prevent algae growth, cloudy water, and equipment damage.

- **pH Levels:** Maintain pH between 7.4 and 7.6.
- **Chlorine Levels:** Maintain free chlorine between 1-3 ppm.
- **Alkalinity and Calcium Hardness:** Test and adjust these levels as recommended by pool chemical guidelines.
- **Testing:** Use a reliable test kit to check water chemistry regularly (daily or every other day).

5.2 Cleaning

The included economy maintenance kit provides essential tools for pool upkeep.

- **Skimming:** Use the leaf skimmer to remove debris from the water surface daily.
- **Brushing:** Use the nylon wall brush to brush the pool walls and floor at least once a week to prevent algae buildup.
- **Vacuuming:** Use the vinyl liner vacuum head with the 25-ft vacuum hose and 3-piece 12-ft pole to vacuum the pool floor as needed.
- **Filter Backwashing:** Periodically backwash your sand filter to clean the sand and maintain filtration efficiency. Refer to your filter manual for specific instructions.



Image: The Economy Maintenance Kit, showing the various tools included for routine pool cleaning and upkeep.

5.3 Winterization

For colder climates, proper winterization is crucial to protect your pool from freezing damage.

- **Clean and Balance Water:** Thoroughly clean the pool and balance water chemistry before closing.
- **Drain Water:** Lower the water level below the skimmer and return lines.
- **Drain Equipment:** Drain all water from the pump, filter, and heater (if applicable). Store equipment indoors if possible.
- **Cover the Pool:** Use a winter cover to protect the pool from debris and ice.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your pool.

- **Cloudy Water:**

- Check filter operation and backwash if necessary.
- Test water chemistry and adjust pH, alkalinity, and chlorine levels.
- Ensure adequate pump run time.

- **Algae Growth:**

- Shock the pool with appropriate chemicals.
- Brush pool walls and vacuum thoroughly.
- Ensure proper chlorine levels and circulation.

- **Pump Not Running/Low Flow:**

- Check power supply and GFCI.
- Ensure pump is primed and water is flowing to it.
- Check skimmer and pump baskets for clogs.
- Verify filter pressure; backwash if high.

- **Water Leaks:**

- Inspect liner for tears or punctures.
- Check all hose connections and fittings for tightness.
- Examine skimmer and return fittings for proper seals.

7. SPECIFICATIONS

Feature	Specification
Brand	Blue Wave
Model	NB9935
Shape	Oval
Product Dimensions (L x W x H)	288" L x 144" W x 52" H (12-ft x 24-ft x 52-in Deep)
Capacity	6,300 Gallons
Material	Alloy Steel (Hot-dip galvanized with zinc-aluminum coating)
Included Components	Maintenance Kit, Ladder, Filter Pump, Skimmer, Liner
Filter Type	Sand Filter (Sandman)
Pump Horsepower	1-HP Dual-Speed

Feature	Specification
Circulation Rate	3,720 gal/hr
Sand Capacity (Filter)	110 lbs
Ladder Weight Capacity	250 lbs
Assembly Required	Yes
Item Weight	407 pounds

8. WARRANTY AND SUPPORT

Your Blue Wave Montilla pool is backed by a **15-year limited warranty**, ensuring peace of mind regarding its quality and durability. This warranty covers manufacturing defects under normal use and service.



Crafted for Durability and Longevity

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

Image: The 15-Year Limited Warranty badge, signifying the product's commitment to durability and longevity.
For warranty claims, technical assistance, or replacement parts, please contact Blue Wave Products customer support. Have your model number (NB9935) and proof of purchase ready when contacting support.

Customer Support: Please refer to the contact information provided with your purchase documentation or visit the official Blue Wave Products website for the most current support details.