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### Blue Wave NB19831

## Blue Wave Affinity Above-Ground Pool Instruction Manual

Model: NB19831

### INTRODUCTION

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Welcome to the Blue Wave Affinity Above-Ground Swimming Pool. This manual provides essential information for the safe and proper installation, operation, and maintenance of your new pool. Designed for durability and enjoyment, the Affinity pool features resin top rails and verticals, and a steel wall with a modern basket weave pattern. Please read this manual thoroughly before beginning assembly or use to ensure a lifetime of family memories.



Image: The Blue Wave Affinity 24-ft Round 52-in Deep Resin Pool, showcasing its grey basket weave patterned steel wall and dark grey resin top rails, filled with water.

## SAFETY INFORMATION

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

- Always supervise children and non-swimmers.
- Do not dive or jump into the pool. The pool is not deep enough for diving.
- Keep electrical devices away from the pool.
- Ensure proper fencing and gate latches are installed around the pool area to prevent unsupervised access.
- Maintain proper water chemistry to prevent waterborne illnesses.
- Do not use the pool during electrical storms.
- Always follow local building codes and ordinances regarding pool installation and safety.

## SETUP AND INSTALLATION

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The Blue Wave Affinity pool kit includes the pool wall, pool frame, hardware, and a wide-mouth skimmer with return fitting. A do-it-yourself installation instruction manual is provided for detailed assembly steps. Liners are sold separately and must be purchased to complete the pool.

## Site Preparation

- 1. Choose a Level Location:** Select a firm, level area in your backyard, free from overhead obstructions and underground utilities. The ground must be perfectly level to ensure structural integrity.
- 2. Clear the Area:** Remove all rocks, roots, and debris from the chosen site.
- 3. Prepare the Base:** A sand base or concrete pad is recommended for optimal stability and liner protection. Consult your local pool professional for specific recommendations based on your soil type.

## Assembly Steps (Overview)

- Unpack all components and verify against the parts list provided in the separate detailed instruction manual.
- Assemble the bottom track system on the prepared level ground.
- Install the steel pool wall into the bottom track, ensuring the skimmer and return fitting cutouts are correctly positioned.
- Secure the wall ends together.
- Install the pool liner (sold separately) according to the liner manufacturer's instructions.
- Assemble and attach the resin top rails and verticals, which are designed for protection against corrosion and abrasion.
- Install the wide-mouth skimmer and return fitting.
- Fill the pool with water slowly, smoothing out any wrinkles in the liner as it fills.

*Note: Refer to the comprehensive installation manual included with your pool kit for detailed, step-by-step instructions, diagrams, and safety warnings specific to assembly.*

## OPERATING YOUR POOL

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Once your Blue Wave Affinity pool is installed and filled, proper operation involves maintaining water quality and ensuring safe use.

### Water Chemistry

- **pH Levels:** Maintain pH between 7.4 and 7.6.
- **Chlorine Levels:** Keep free chlorine between 1-3 ppm.
- **Alkalinity:** Maintain total alkalinity between 80-120 ppm.
- **Calcium Hardness:** Maintain between 200-400 ppm.
- Test your water regularly (daily or every other day) using a reliable test kit.

### Filtration System

Ensure your filtration system (pump and filter, sold separately) is running for at least 8-12 hours daily to circulate and clean the water. Backwash or clean your filter as recommended by its manufacturer.

## MAINTENANCE

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Regular maintenance is key to prolonging the life of your pool and ensuring clean, safe swimming conditions.

- **Skimming:** Regularly remove leaves and debris from the water surface using a skimmer net.
- **Vacuuming:** Vacuum the pool bottom at least once a week to remove settled debris.
- **Wall Cleaning:** Brush the pool walls weekly to prevent algae buildup.
- **Winterization:** Prepare your pool for winter according to local climate conditions and pool winterization guidelines. This typically involves lowering water levels, adding winterizing chemicals, and covering the pool.
- **Inspection:** Periodically inspect the pool wall, frame, and liner for any signs of wear, damage, or corrosion. Address any issues promptly.

## TROUBLESHOOTING

Common issues and their potential solutions:

Problem	Possible Cause	Solution
Cloudy Water	Improper filtration, chemical imbalance, high debris load.	Check filter, balance chemicals, shock pool, vacuum.
Algae Growth	Low chlorine, high phosphates, poor circulation.	Shock pool, add algaecide, brush walls, ensure proper filtration.
Water Level Dropping	Evaporation, leak in liner or plumbing.	Monitor evaporation; if significant, inspect liner and fittings for leaks.
Skimmer Not Working Effectively	Skimmer basket full, pump not primed, clogged lines.	Empty basket, prime pump, check for blockages.

For more complex issues, consult a qualified pool technician.

## SPECIFICATIONS

Attribute	Value
Brand	Blue Wave
Model	NB19831
Type	Above-Ground Swimming Pool
Shape	Round
Wall Height	52 inches
Top Rail Material	Resin (7-inch)
Vertical Material	Resin (7-inch)
Wall Design	Basket Weave Pattern (Steel)
Included Components	Pool wall, pool frame, hardware, wide-mouth skimmer, return fitting.
Liner	Not included (sold separately)

Attribute	Value
Assembly Required	Yes
Item Weight	454 g
UPC	672875006854

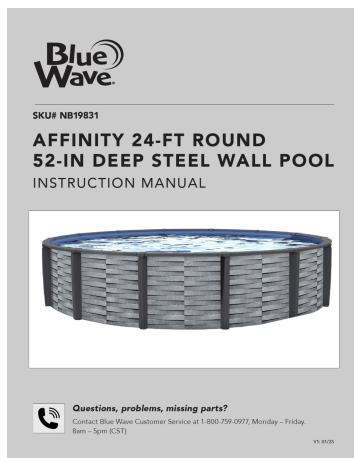
*Note: Item weight of 454g refers to the package weight, not the full pool assembly.*

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your original purchase or contact Blue Wave customer service directly.

You can often find support contact details on the manufacturer's official website or by searching for "Blue Wave customer service" online.

Documents - Blue Wave – NB19831



[\[pdf\]](#) User Manual Instructions Warranty Catalog

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09df5495f587 42 ||| ||| SKU# NB19831 AFFINITY 24-FT ROUND 52-IN DEEP STEEL WALL POOL

INSTRUCTION MANUAL Questions, problems, missing parts Contact Blue Wave Customer Service at 1-800-759-0977, Monday Friday. 8am 5pm CST V1: 01/25 THANK YOU Thank you for purchasing

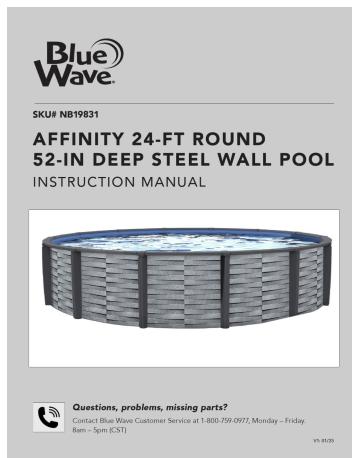
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THANK YOU Thank you for purchasing this product. We work around the clock and around...

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### [Blue Wave Affinity 24-FT Round 52-IN Deep Steel Wall Pool Instruction Manual](#)

Comprehensive instruction manual for the Blue Wave Affinity 24-FT Round 52-IN Deep Steel Wall Pool. Includes assembly steps, safety guidelines, parts list, and warranty information.

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## Related Documents

	<p><a href="#">Blue Wave Affinity 24-FT Round 52-IN Deep Steel Wall Pool Instruction Manual</a> Comprehensive instruction manual for the Blue Wave Affinity 24-FT Round 52-IN Deep Steel Wall Pool. Includes assembly steps, safety guidelines, parts list, and warranty information.</p>
	<p><a href="#">Blue Wave Belize 24-ft Round 52-in Deep Steel Wall Pool Instruction Manual</a> Instruction manual for the Blue Wave Belize 24-ft Round 52-in Deep Steel Wall Pool, covering safety instructions, parts list, general information, installation steps, and warranty details.</p>
	<p><a href="#">Blue Wave Marbella 24-FT Round 52-IN Deep Steel Wall Pool Instruction Manual</a> Comprehensive instruction manual for the Blue Wave Marbella 24-FT Round 52-IN Deep Steel Wall Pool. Includes safety warnings, general water safety guidelines, parts list, assembly instructions, and warranty information.</p>



## [Blue Wave Belize 18-ft Round 52-in Deep Steel Wall Pool Instruction Manual](#)

Comprehensive instruction manual for the Blue Wave Belize 18-ft Round 52-in Deep Steel Wall Pool, covering safety, parts list, assembly, and warranty information.