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Balboa Water Group 30-200-5123

Balboa VL200 Mini Oval Topside Kit User Manual

Model: 30-200-5123 | OEM Part: 55123

1. INTRODUCTION

This user manual provides essential information for the installation, operation, and maintenance of your Balboa 30-200-5123 Topside Kit. This kit is a Mini Oval VL200 Plus Overlay designed for use with compatible spa control systems. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of your product.



Figure 1: Balboa VL200 Mini Oval Topside Control Panel. This image displays the compact oval-shaped control panel with a digital display on the left and four buttons on the right, labeled 'Jets', 'Light', 'Cool', and 'Warm', each with a corresponding icon. The Balboa logo is visible at the top center.

2. SPECIFICATIONS

Model Number	30-200-5123
OEM Part Number	55123
Button Configuration	4-Button (Jets, Light, Cool, Warm)
Connector Type	Phone-type connector, 8-wire

Cord Length	7 feet
Topside Dimensions	4.3 inches x 1.6 inches
Replacement Options	53636, 53644 MVP240/VL240 (verify button layout), 34-55123-K, 34-55123, 55563, 52267-01 (verify button layout), 163742 (verify button layout), 55472 (Clear Trim, verify button layout). Note: A standard 53676 mini oval topside with a 11852 overlay will be provided.

3. SETUP AND INSTALLATION

This section outlines the general steps for installing the Balboa Topside Kit. It is recommended that installation be performed by a qualified technician. Always ensure power to the spa is disconnected before beginning any installation or maintenance.

3.1 Safety Precautions

- Disconnect all power to the spa at the circuit breaker before installation.
- Ensure the work area is dry and well-lit.
- Verify that the new topside controller matches the existing controller's button layout and connector type exactly.
- Do not attempt to modify the topside kit or its wiring.

3.2 Installation Steps

1. **Power Disconnection:** Turn off the main power supply to your spa at the circuit breaker. Verify that the power is off using a voltage tester.
2. **Remove Old Topside:** Carefully remove the old topside control panel from its mounting location. This may involve peeling off adhesive or unscrewing fasteners.
3. **Disconnect Wiring:** Locate the phone-type connector of the old topside panel connected to the spa's control pack. Gently unplug the 8-wire connector.
4. **Prepare New Topside:** Unpack the new Balboa 30-200-5123 topside kit. Ensure the overlay is correctly positioned if it came separately.
5. **Connect New Wiring:** Route the 7-foot cord of the new topside panel to the control pack. Plug the 8-wire phone-type connector firmly into the corresponding port on the spa's control pack.
6. **Mount New Topside:** Position the new topside panel in the desired location. Secure it using its adhesive backing or mounting clips, ensuring a tight seal to prevent water ingress.
7. **Power Restoration:** Once the topside is securely mounted and connected, restore power to the spa at the circuit breaker.
8. **Initial Test:** Power on the spa and test all buttons (Jets, Light, Cool, Warm) to ensure they function correctly and correspond to their labels.

4. OPERATING INSTRUCTIONS

The Balboa VL200 Mini Oval Topside Kit provides intuitive control over your spa's primary functions. Familiarize yourself with the button layout and their corresponding actions.

4.1 Button Functions

- **Jets Button:** Press to activate or deactivate the spa's jet pump(s). Multiple presses may cycle through different jet speeds or pump configurations depending on your spa system.
- **Light Button:** Press to turn the spa's light(s) on or off. Repeated presses may cycle through different light modes or

colors if your spa is equipped with such features.

- **Cool Button:** Press to decrease the desired water temperature setting. Each press typically lowers the temperature by one degree.
- **Warm Button:** Press to increase the desired water temperature setting. Each press typically raises the temperature by one degree.

4.2 Temperature Adjustment

The digital display shows the current water temperature or the set temperature during adjustment. Use the **Cool** and **Warm** buttons to set your desired temperature. The system will then work to maintain this temperature.

5. MAINTENANCE

Proper maintenance of your topside control panel ensures its longevity and reliable operation. Follow these guidelines for care.

- **Cleaning:** Wipe the surface of the topside panel regularly with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the overlay and plastic components.
- **Water Exposure:** While the topside panel is designed for spa environments, avoid prolonged direct exposure to strong jets of water or submersion. Ensure the seal around the panel remains intact.
- **Cable Inspection:** Periodically inspect the 7-foot cord for any signs of wear, cuts, or damage. If damage is observed, disconnect power and contact a qualified technician for replacement.
- **Button Functionality:** Ensure buttons press smoothly and respond consistently. If a button becomes sticky or unresponsive, gently clean around it.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Balboa topside control panel. For problems not listed here, or if solutions do not resolve the issue, contact a qualified spa technician.

Problem	Possible Cause	Solution
Panel is unresponsive or blank display.	No power to the spa; Loose cable connection; Faulty topside panel or control pack.	Check spa's circuit breaker. Ensure the 8-wire connector is securely plugged into the control pack. If issues persist, professional diagnosis is required.
Buttons do not respond or function incorrectly.	Stuck button; Internal panel fault; Incompatible topside.	Gently clean around the buttons. Verify the topside model is correct for your spa system. If buttons are still unresponsive, the panel may need replacement.
Temperature display is incorrect or stuck.	Sensor issue; Control pack issue; Panel fault.	This issue is often related to the spa's main control system or temperature sensor, not directly the topside panel. Consult your spa's main control manual or a technician.
Water ingress around the panel.	Improper sealing during installation; Damaged adhesive/seal.	Ensure the topside panel is properly sealed to the spa shell. Re-apply silicone sealant if necessary, after ensuring the area is clean and dry.

7. WARRANTY INFORMATION

The Balboa 30-200-5123 Topside Kit comes with a **1-year limited warranty**. This warranty covers defects in materials and workmanship under normal use and service. It does not cover damage resulting from improper installation, misuse, abuse, accident, or unauthorized modifications.

For warranty claims or detailed warranty terms, please contact the original place of purchase or Balboa Water Group customer support.

8. CUSTOMER SUPPORT

If you require further assistance or have questions regarding your Balboa Topside Kit, please contact your product supplier or a certified spa technician. For general information about Balboa products, you may visit the official Balboa Water Group website.

Note: Balboa Water Group does not provide direct end-user support for installation or troubleshooting of individual components. Please refer to your spa manufacturer's documentation or a qualified service professional.

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This manual is for informational purposes only. Specifications are subject to change without notice.