

SpaControlSystems

Your Single Source Supplier

- Easy to install and operate
- Reliable design with advanced technology
- All systems are manufactured in our state-of-the-art facility
- Multi-level diagnostic capabilities and easy installation and serviceability



Made in the USA

BALBOA
water group

Welcome to our new and exciting Balboa Water Group (BWG) Spa Control Catalog. Our catalog showcases all the options available to support any hot tub equipment configuration you may need. Whether you are roto molding 1 or 2 person tubs or building swim spas with multiple zones and pumps, Balboa has an electronic control for you.

Our NEW highly successful next generation systems the **BP2000** and **VS100**, are providing manufactures exciting new end user features to help sell more tubs. Both controls expand on Balboa's proven patented M7® and Piezo Technologies, ensuring reliability and manufacturing flexibilities that you have come to rely on.

These and other new products are being introduced all the time and are built upon our proven industry leading innovations and quality products that we have been delivering for nearly 30 years.

In addition, this catalog includes all the standard products that you have been using in your businesses for many years and will continue to be the foundation of our product offering going forward.

We thank you for your business and look forward to working with you in the future.

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NEW

BP501/601

"The Next Generation of Spa Controls"

- Wi-Fi Ready
- New Features in New Enclosure
- The first of a new series of systems
- Press & Hold Buttons for ease of use
- Based on Balboa's most popular model's
- Higher flame retardant and impact resistant materials



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ControlsAndPanels

BP501/601 System And Panels

Incomparable System Reliability

The BP501/601 is the first of a new series based on Balboa's most popular models, utilizing advanced technology and higher flame retardent and impact resistant materials. Wi-Fi Enabled with press and hold buttons for ease of use, meet the newly designed BP501/601.

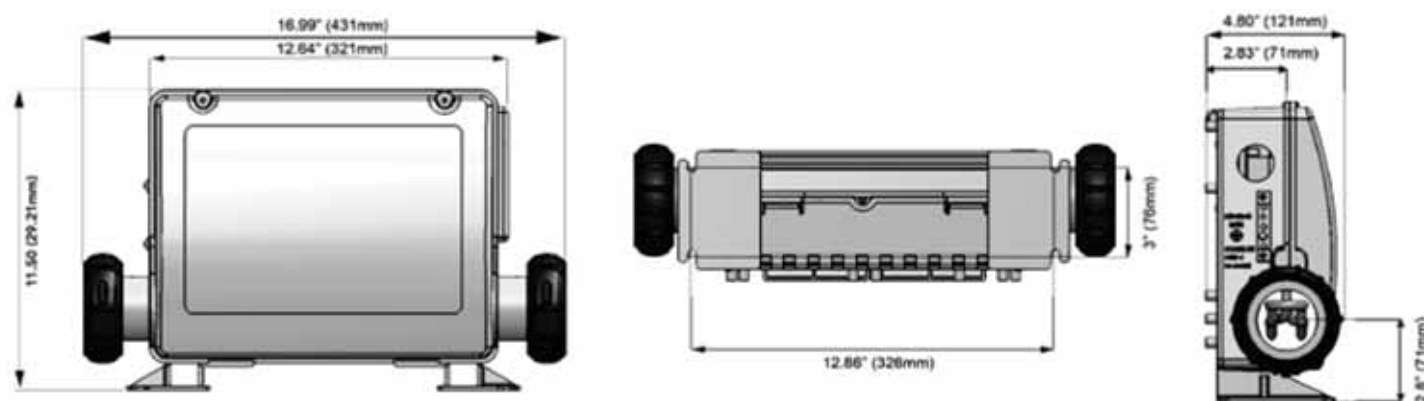
System Specifications

Voltage Supply: (BP501: 120V or 240V)

Sensors: M7 patented temperature probes

Certifications: (BP501: UL recognized) (BP601: NEMKO)

Spa Lights Controls: 1 Amp Max



Announcing Balboa's NEW Plug N' Click Heater

No need to deal with heater straps, screws, wrenches, or broken copper straps. All you need to do is plug-and-click and you're done!

Now included in all BP systems.

Learn more visit www.balboawatergroup.com/Plug-and-Click-Heater



ControlsAndPanels

BP501/601 System And Panels

BP501 System Specifications (UL Recognized)

Material No.	Descriptions	Pump 1	Pump 2 or Blower	Pump 3 (Optional w/ Expander Card)	Heater
56485	SYSTEM BALBOA BP501G1 800INC – 60 Hz	2 spd or 1 spd w/ Circ	1 spd	NA	5.5 kW 800 Incoloy
56586	SYSTEM BALBOA BP501G1 825INC – 60 Hz	2 spd or 1 spd w/ Circ	1 spd	NA	5.5 kW 825 Incoloy
56487	SYSTEM BALBOA BP501G1 TITAN – 60 Hz	2 spd or 1 spd w/ Circ	1 spd	NA	5.5 kW Titanium
56480	SYSTEM BALBOA BP501G2 800INC	2 spd or 1 spd w/ Circ	1 spd	2 spd	5.5 kW 800 Incoloy
56486	SYSTEM BALBOA BP501G2 825INC	2 spd or 1 spd w/ Circ	1 spd	2 spd	5.5 kW 825 Incoloy
56482	SYSTEM BALBOA BP501G2 Titanium	2 spd or 1 spd w/ Circ	1 spd	2 spd	5.5 kW Titanium

Note: Refer to tech sheet for optional devices and setups.

Material No.	Descriptions
55911	2" Tailpieces (2-Speed Pump 1). Compatible Plumbing Kits (Coupling nuts and seals included).

BP601 System Specifications - Single Phase (CE Recognized)

Material No.	Descriptions	Pump 1	Pump 2 or Blower	Pump 3 (Optional w/ Expander Card)	Heater
56497	SYSTEM BALBOA BP601G1 800INC – 50 Hz	2 spd or 1 spd w/ Circ	1 spd	NA	3.0 kW 800 Incoloy
56598	SYSTEM BALBOA BP601G1 825INC – 50 Hz	2 spd or 1 spd w/ Circ	1 spd	NA	3.0 kW 825 Incoloy
56499	SYSTEM BALBOA BP601G1 TITAN – 50 Hz	2 spd or 1 spd w/ Circ	1 spd	NA	3.0 kW Titanium

Note: Refer to tech sheet for optional devices and setups.

ControlsAndPanels

BP501/601 System And Panels

Wireless System Control

Now you can control your system wirelessly. With a few simple connections and some additional hardware you can have full control of your spa system. To download the software go to the Apple Apps store and download the free spa app, run through the quick setup and your done.



Powerful, Yet Simple Userface

A sleek new topside panel includes a large easy to read back-lit LCD with simple to follow end user menus. With new press and hold button technology, setting temperature and other common tasks have been simplified. User navigation is intuitive and easier than ever, reducing customer service help calls.

Compatible Topside Panels



Panel TP400

- 4 button with LCD display

Material No.:

55702: No Overlay (TP400W)
55701: No Overlay (TP400T)
50259: With Overlay (12510)
50260: With Overlay (12511)



Panel TP600

- 6 button with LCD display

Material No.:

55676: No Overlay
56046: 15ft. Cord
50016: For International
55673: With Overlay (12101)
50014: For Intl' with overlay (12101)



Panel TP800

- 9 button with LCD display

Material No.:

50204: No Overlay
50261: With Overlay (12512)

ControlsAndPanels

BP501/601 System And Panels

Documentation Not Required – New User Friendly Interface

The sleek new topside panel includes a large easy to read backlit LCD with simple to follow end user menus. With new press and hold button technology, setting temperature and other common tasks have been simplified. User navigation is intuitive and easier than ever, reducing customer service help calls.



Overlay 12198 (Jet 1, Jet 2, Flip, Warm, Cool)



Overlay 12511 (Temp, Jets, Light, Aux)



Overlay 12101 (Jets, Aux, Flip, Warm, Cool)



Overlay 12510 (Warm, Cool, Lights, Jets)

Panel TP600

- 56046-01 (TP600 15 ft cable no overlay)
- 56047-01 (TP600 15 ft)
- 50056-01 (TP600 2 Jets with overlay 12198)
- 55673-05 (TP600 with overlay 12101)
- 55676-05 (TP600 no overlay)

Panel TP400

- 55701 (TP400T no overlay)
- 50260 (TP400T with overlay 12511)
- 55702 (TP400W no overlay)
- 50260 (TP400W with overlay 12510)

MANUFACTURED UNDER ONE OR MORE OF THESE PATENTS: U.S. PATENTS: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 B2, CANADIAN PATENT: 2342614, AUSTRILIAN PATENT: 2373248 OTHER PATENTS BOTH FOREIGN AND DOMESTIC APPLIED FOR AND PENDING. ALL SOFTWARE COPYRIGHT BALBOA WATER GROUP.

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NEW

BP2000/2100

"The Next Generation of Spa Controls"

- Wi-Fi Enabled
- Multiple languages
- Comprehensive diagnostics
- New Software with Color Graphics
- Expandable, Configurable. Supports dozens of Spa Setups.



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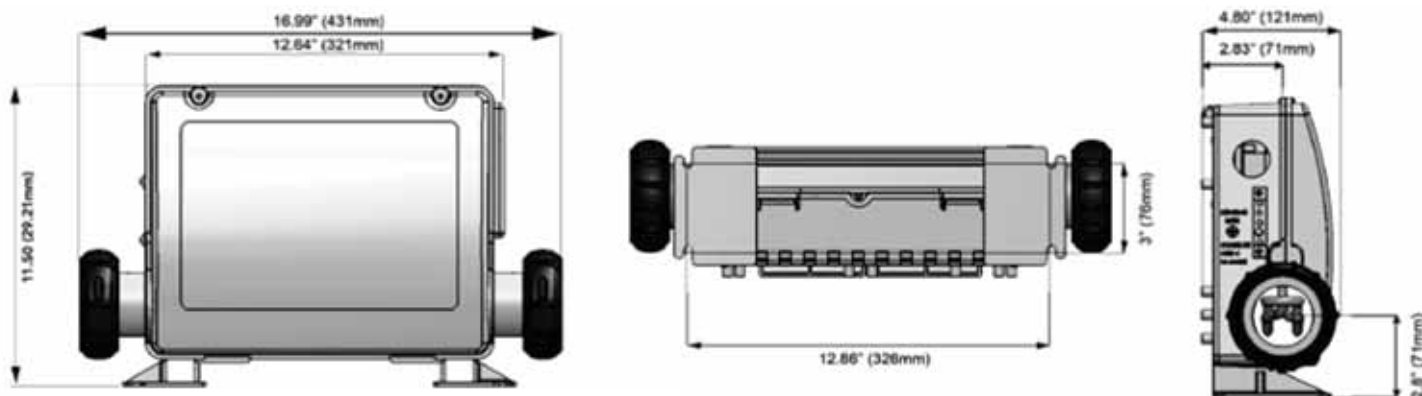
BALBOA
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ControlsAndPanels

BP2000/2100 Systems And Panels

Incomparable System Reliability

The BP2000 is the first of a new series based on Balboa's most popular models, utilizing advanced technology and higher flame retardant and impact resistant materials. Wi-Fi Enabled with press and hold buttons for ease of use, meet the newly designed BP2000.



Material No.	Pump 1	Pump 2	Pump 3	Circ Pump	Blower	AV (Stereo)	Ozone	Spa Lights	Heater
56377	240V 2 Speed	240V 2 Speed	240V 2 Speed	Optional	Optional	120V	120V	10V	1-5.5kW @ 240V 800Inc
56378	240V 2 Speed	240V 2 Speed	240V 2 Speed	Optional	Optional	120V	120V	10V	1-5.5kW @ 240V 825Inc
56379	240V 2 Speed	240V 2 Speed	240V 2 Speed	Optional	Optional	120V	120V	10V	1-5.5kW @ 240V Titanium

Note: Refer to tech sheet for optional devices and setups.

Environmental	
Operating Temperature	-20°C (-4°F) to 60°C (140°F)
Storage Temperature	-25°C (-13°F) to 85°C (185°F)
Humidity	Humidity: up to 85% RH, non condensing
Enclosure	
IPx5	Metal Heater
Certification	
UL	

ControlsAndPanels

BP2000/2100 Systems And Panels



Features

- User friendly interface
- Unparalleled system reliability
- Manufacturing Flexibility
- Corrosion and resistant, chemical resistant heater

User Interface

- Intuitive menu
- Easy to read color display with graphics
- 5 Background color choices
- Smart chip will detects any problems in your hot tub
- Multiple languages with easy navigation
- State-of-the-art button technology (press & hold)
- Easy Navigation – Shortcuts
- Real time-clock
- Reminder messages
- Comprehensive diagnostics
- Dedicated button (left side)
- Screen size 2.75" (6.98cm) width x 1.75" (4.44cm) height

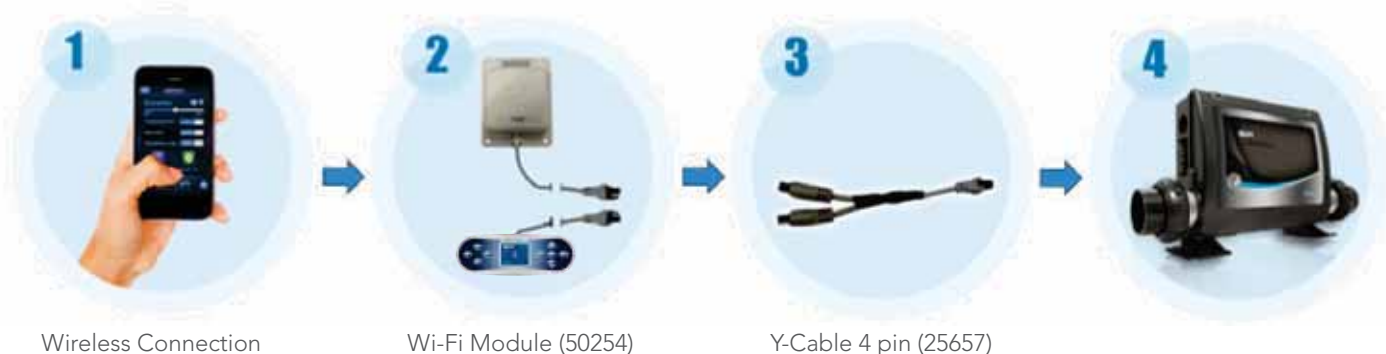


ControlsAndPanels

BP2000/2100 Systems And Panels

Wireless System Control

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Powerful, Yet Simple Userface

A sleek new topside panel includes a large easy to read back-lit LCD with simple to follow end user menus. With new press and hold button technology, setting temperature and other common tasks have been simplified. User navigation is intuitive and easier than ever, reducing customer service help calls.

Compatible Topside Panels



Panel TP400

- 4 button with LCD display

Material No.:

55702: No Overlay (TP400W)
55701: No Overlay (TP400T)
50259: With Overlay (12510)
50260: With Overlay (12511)



Panel TP600

- 6 button with LCD display

Material No.:

55676: No Overlay
56046: 15ft. Cord
50016: For International
55673: With Overlay (12101)
50014: For Intl' with overlay (12101)



Panel TP800

- 9 button with LCD display

Material No.:

50204: No Overlay
50261: With Overlay (12512)



Panel TP900

- 5 button with LCD display

Material No.:

55994: No Overlay
50262: With Overlay (12513)

Advanced Hot Tub Control Systems
all at your fingertip.



NEW

VS100/GS100

Your Single Source Solution

- Great for Tight Spaces
- 10" Remote M7® Heater
- Patented Piezo Panels
- 120 Volts
- Runs 1 Pump/Light/Ozone
- Energy Efficient



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ControlsAndPanels

VS100 And Panels

Introducing the VS100/GS100 System, and update on a popular classic

The VS100/GS100 inherits the essence of Balboa's line of spa systems. It uses our classic, easy to operate panels, has minimal features needed for comfort, and is trustworthy. The VS100 is readily compatible with either domestic 120V or 240V input voltages for ease of installation. The pump has two speeds for two levels of comfort, and the soft EFX lighting adds to a comforting sensuous experience.

VS100 System Specifications

Material No. With Descriptions	System Outputs	Lighting Options
54821-XX KIT BALBOA VS100 1.0KW 120V HTR GFCI	60Hz System Heater - 1kW Heater @ 120V, GFCI cord 1.5" x 10" Separate Heater Supports: 1, 2 Speed Pump 10V Light Ozone 120V/240V Switchable	MoodEFX Lighting
54808-XX KIT BALBOA VS100 1.0KW 120V HTR	60Hz System Heater - 1kW Heater @ 120V, No GFCI 1.5" x 10" Separate Heater Supports: 1, 2 Speed Pump 10V Light Ozone	MoodEFX Lighting
54808-XX KIT BALBOA VS100 1.0KW 120V HTR	60Hz System Heater - 4kW Heater @ 240V 1.5" x 10" Separate Heater Supports: 1, 2 Speed Pump 10V Light Ozone 120V/240V Switchable	MoodEFX Lighting

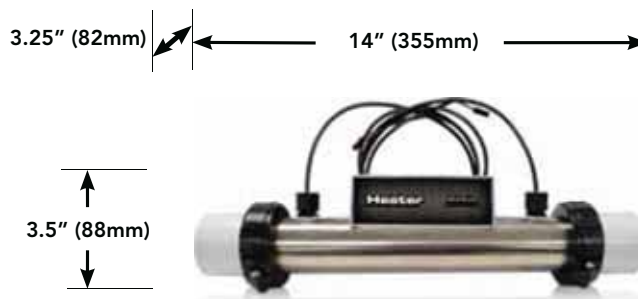
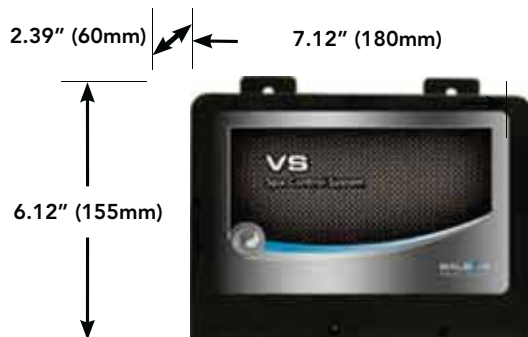
GS100 System Specifications

Material No. With Descriptions	System Outputs	Lighting Options
54807-XX KIT BALBOA GS100 2.0kW 240V HTR	50Hz System & Heater - 1kW Heater @ 120V, GFCI cord 1.5" x 10" Separate Heater Supports: 1, 2 Speed Pump 10V Light Ozone 120V/240V Switchable	MoodEFX Lighting
54806-XX KIT BALBOA GS100 3.0kW 240V HTR	50Hz System & Heater - 3kW Heater @ 23V	MoodEFX Lighting

ControlsAndPanels

VS100 And Panels

Measurements



Control Panels Compatible with VS100



VL401 Lite Duplex Panel

- 4 button with LCD Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.6cm tall

Material No.:

54094-01: Blower, Jet, Temperature & Light
 54665: Jet, Light, Cool & Warm
 94251-01: Jet, Jet, Temperature, Light
 54135-01: Blank, Jet, Temperature, Light
 52424-01: No overlay



VL403 Lite Duplex Panel

- 4 button with LED Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

52345-01: Jet, Light, Warm & Cool
 54105: Blank, Jet, Temperature & Light
 54664: Jet, Light, Cool & Warm
 54130: No overlay



VL406T Duplex Digital Panel

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

55349: Jet, Blower, Light, Temperature
 55413: No overlay



VL406U Duplex Digital Panel

- 4 button with LCD Display
- 7.0in wide x 4.3in tall approx.
- 17.78cm wide x 8.64cm tall

Material No.:

55350-01: Jet, Light, Warm, Cool
 55417-01: No overlay

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TheViper

Your Single Source Solution

- Reminder messages
- Multiple languages
- Comprehensive diagnostics
- Capability of integrated Stereo and TV
- State-of-the-art button technology (press & hold)



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ControlsAndPanels

Viper Systems And Panels

INTRODUCING THE NEW LM8000 (LM8) - Transforming the Control of Hot Tubs

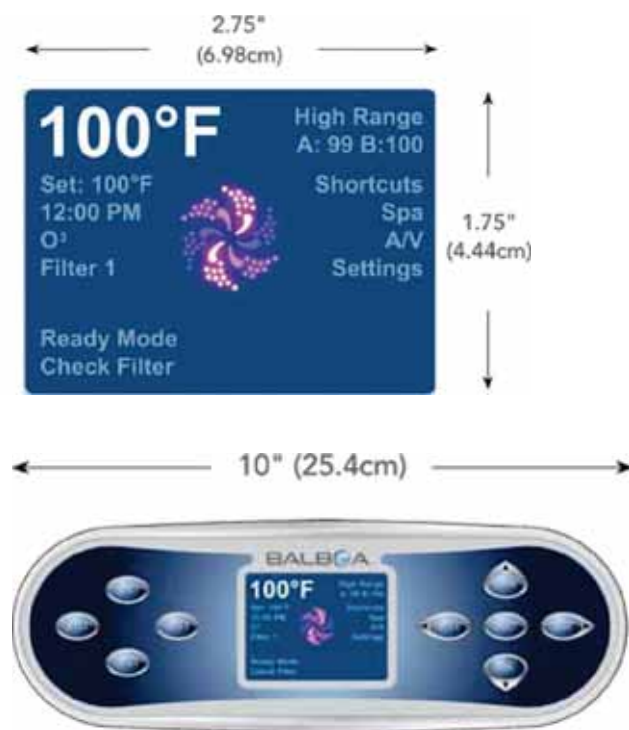
Balboa's Viper hot tub control is setting a new industry standard for unmatched system reliability, manufacturing flexibility and end user friendliness. All equipment and features are controlled from topside panel. The heater management system eliminates flow and pressure switches. All logic and control functions for the entire spa are contained in a single module with artificial intelligence to help save energy. Complete touch panel with Self-testing diagnostics, Self-monitoring and Informative end user messages.



ANNOUNCING...

The all NEW Balboa Water Group Hot Tub App for the iPhone®, iPod touch® or iPad®. For More information on the Balboa App and how to connect via Wifi please visit www.balboawater.com.

LCD Display



TP800



Powerful, Yet Simple Userface

The sleek new topside panel includes a large easy to read back-lit LCD with simple to follow end user menus. With new press and hold button technology, setting temperature and other common tasks have been simplified. User navigation is intuitive and easier than ever, reducing customer service help calls.

ControlsAndPanels

Viper Systems And Panels



Transforming the control of hot tubs

- User friendly interface
- Unparalleled system reliability
- Manufacturing Flexibility
- Corrosion and resistant, chemical resistant heater

Panel TP800

- 9 button with LCD display



User Interface

- Intuitive menu
- Easy to read color display with graphics
- 5 Background color choices
- Multiple AV operations control your Stereo, TV and DVD
- Smart chip will detects any problems in your hot tub
- Multiple languages with easy navigation
- State-of-the-art button technology (press & hold)
- Easy Navigation – Shortcuts
- Real time-clock
- Reminder messages
- Comprehensive diagnostics
- Dedicated button (left side)



ControlsAndPanels

Viper Systems And Panels

Product Descriptions With Material Number	Control Panel
Domestic Viper BP25P3BC (55963-01)	TP800 No Overlay (50204) TP800 (50261) With Overlay (12512)
International Viper BP26P33BC 3.0kW Incoloy (55976-02)	TP800 No Overlay (50204)
International Viper BP26P3BC 3.0kW Titanium (55977-02)	TP800 (50261) With Overlay (12512)

Note: Minimum quantity required, please call Balboa customer service for additional information.

LM8 System Specifications

Material No.	Pump 1	Pump 2	Pump 3	Circ Pump	Blower	AV (Stereo)	Ozone	Spa Lights	Heater
55963-01	240V 2 Speed	240V 2 Speed	240V 2 Speed	240V 1 Speed	240V 1 Speed	120V	120V	12V	5.5kW @ 240V
55976-02	230V 2 Speed	230V 2 Speed	230V 2 Speed	230V 1 Speed	230V 1 Speed	230V	230V	10V	3.0kW @ 240V
55977-02	230V 2 Speed	230V 2 Speed	230V 2 Speed	230V 1 Speed	230V 1 Speed	230V	230V	10V	3.0kW @ 240V

Note: Above are evaluation systems only. Viper system models can be custom configured.

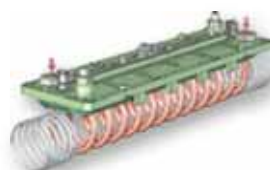
ControlsAndPanels

Viper Systems And Panels

Environmental	
Operating Temperature	-20°C (-4°F) to 60°C (140°F)
Storage Temperature	-25°C (-13°F) to 85°C (185°F)
Humidity	Humidity: up to 85% RH, non-condensing
Enclosure Material	
IPx5	Thermoplastic Heater
Certifications	
UL Standard/Files	UL 1563 5th Edition/E90059 UL 1795 3rd Edition/E188744



- High-tech, high-temperature resistant housing material
- Proven use in mission critical applications for automotive & other industries
- Employs a GFCI trip feature that cuts power in the event that a pump is stuck in the ON position



- Chemical resistant heater element & sensors
- Low-watt density efficient coiled element
- Patented heater design eliminates "rattle"
- Corrosion resistant, chemical-resistant heater housing
- Titanium element option



- The Dolphin remote is a waterproof, universal control; it floats on water, has an ergonomic grip & tactile button
- Direct control of volume and channels

Learn more go to page: 91-92.

Page 24



LM8

Smart sensor flow monitoring system

- Full color touch screen
- Built-in tech support
- Reliable design
- Simple, inexpensive replacements
- Artificial Intelligence



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ControlsAndPanels

LM8 Systems And Panels

INTRODUCING THE NEW LM8000 (LM8) - Transforming the Control of Hot Tubs

Balboa's LM8 hot tub control is setting a new industry standard for unmatched system reliability, manufacturing flexibility and end user friendliness.

Advanced Technology

All equipment and features are controlled from topside panel. The heater management system eliminates flow and pressure switches. All logic and control functions for the entire spa are contained in a single module with artificial intelligence to help save energy. Complete touch panel with Self-testing diagnostics, Self-monitoring and Informative end user messages.

Large LCD Display



Powerful, Yet Simple Userface

The sleek new topside panel includes a large easy to read back-lit LCD with simple to follow end user menus. With new press and hold button technology, setting temperature and other common tasks have been simplified. User navigation is intuitive and easier than ever, reducing customer service help calls.

ControlsAndPanels

LM8 Systems And Panels



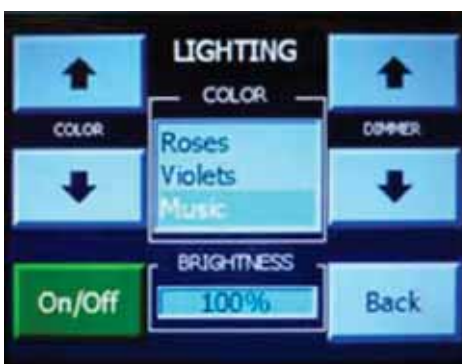
The Control System Overview

- Fully Integrated and Self Contained
- Modular Functions
- Built-in Self Test
- Advanced Heater Management System
- High Reliability/Low Maintenance Design
- Touch Screen Top Side
- Five Issued/Pending Patents in the Design

Touch Screen Technology



The touch screen is the only required customer interface. Sensors that provide real time status of current draw, timers for the Blower, Jets, Lights, Flow rate, and GPM. Automatic control of over-heating, cold plumbing, and stale water in pumps. Special features include Economy and Auto Heat Modes, 12/24 hr time, degrees in F or C, and Lock Spa (child lockout).



ControlsAndPanels

LM8 Systems And Panels



Product Descriptions

LM8 System

Material No.: 57129-03

Included with system: LM8 Control Red Module (57140).

Control Panel: Touchscreen Clear (57126-03) with Blue Overlay

Note: Minimum quantity required, please call Balboa customer service for additional information.

LM8 System Specifications

Material No.	Pump 1	Pump 2	Pump 3	Circ Pump & Ozone	Blower	AV (Stereo)	Spa Lights	Heater
57129-03	1 or 2 Speed 240V/12A or 120V/12 A	1 or 2 Speed 240V/12A or 120V/12 A	1 or 2 Speed 240V/12A or 120V/12A (Optional w/ Expansion Board)	240V/2.0A or 120V/2.0A	240V/8A or 120V/8A	12VDC (integrated w/module)	12 VAC LED or Incandescent dependant on module	240 VAC 4.0kW

Note: Above are evaluation systems only. LM8 system models can be custom configured.

Environmental	
Operating Temperature	-20°C (-4°F) to 60°C (140°F)
Storage Temperature	-25°C (-13°F) to 85°C (185°F)
Humidity	Humidity: up to 85% RH, non-condensing
Mechanical	
Weight (with modules & tailends; w/o cord)	10.80 lbs. (4.898 kg)
Dimensions (mounting holes)	8.25" x 3.125"
Enclosure Material	
ABS, Chimei PA757 or equivalent Resin Color: 350C Green	Metal Heater (Incoloy Element)
Certifications	
Standard/Files	UL 1563 5th Edition – Intertek File No. 3168167ATL-001A CAN/CSA C22.2#281.1 1st Edition – Intertek File No. 3168167ATL-001A
Heater Flow	
Heater Flow	20 GPM minimum

ControlsAndPanels

LM8 Systems And Panels

Control Panels Compatible with LM8 and Optional Modules



LM8 Touchscreen Panel

- Touchscreen LCD display
- 7.75" wide x 4.75" tall
- 19.7cm wide x 12.1cm tall

Material No.:

57126-03: With Blue Overlay (12787)



Audio Module Module

Material No.: 57141

- Lime Green

The Lime Audio Module Tunes FM from Topside Commands and delivers 100W of Music.



12 VAC Module

Material No.: 57118

- Yellow and Dark Green

The Yellow / Green LED Module Control 12 VAC Connection on Control Board.



Blank Module

Material No.: 35006-G

- Dark Green

The Blank green Module are placeholders. However, these modules can be replaced by different modules for LED functions or stereo.



Balboa Control Module

Material No.: 57130-01

- Red

The Red Control Module manages all Logic Functions:

1. Keeps time of day
 2. Reports water temperature
 3. Saves settings in flash memory
 4. Translates messages from Touchscreen and activates Relay Board
 5. Times out Pumps, Lights, and Audio
 6. Safely maintains Heater Function
 7. Monitors Sensor Health
 8. Backup Processor also watches for Heater or Sensor problems
-



12 VDC LED Sloan Module

Material No.: 57143

- Yellow and Lime Green

The Yellow / Green LED Module provides colors and intensity selected at Topside.

NOTE ON CHANGING COMPONENTS

When changing modules or panels, be sure that the system is powered down completely before removing or inserting any modules or panels into the system. If the system is still powered up while removing or inserting any module or panel, irreparable damage may occur to the module, the mother board, or the panel.

Page 30



Colossus

Transforming the control of hot tubs

- Patented M7® Technology
- Unparalleled system reliability
- Manufacturing flexibility & easy configuration
- Hi-tech material will prevent corrosion; chemical resistant heater
- Allows addition of auxiliary panels & the Dolphin™ Remote



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ControlsAndPanels

Colossus Systems And Panels

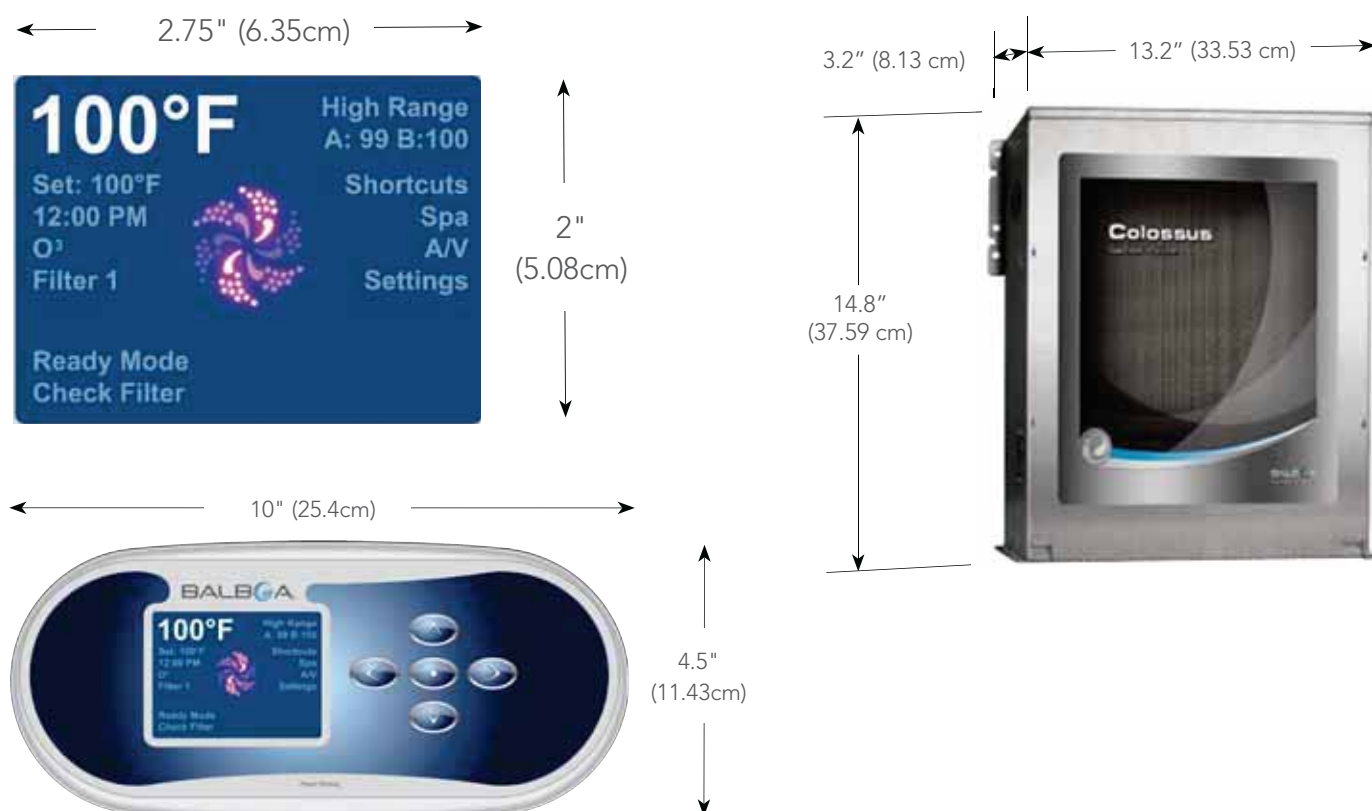
Colossus - Transforming the Control of Hot Tubs

Balboa's Colossus hot tub control is setting a new industry standard for unmatched system reliability, manufacturing flexibility and end user friendliness.

Powerful, Yet Simple Userface

A sleek new topside panel includes a large easy to read back-lit LCD with simple to follow end user menus. With new press and hold button technology, setting temperature and other common tasks have been simplified. User navigation is intuitive and easier than ever, reducing customer service help calls.

Large LCD Display



Incomparable System Reliability

Utilizing advanced technology and high-temperature corrosion resistant mission critical materials from the automotive and other industries, the Colossus hot tub control systems all but eliminate leaks due to corrosion or harsh chemicals. Together with a newly designed, energy efficient heating coil that reduces element failures due to rattling, Balboa is providing peace of mind for the end-user.

ControlsAndPanels

Colossus Systems And Panels



Features

- User friendly interface
- Unparalleled system reliability
- Manufacturing Flexibility
- Corrosion and resistant, chemical resistant heater

Control Panel

- Multiple languages with easy navigation
- Friendly user interface
- Stylish design



User Interface

- Intuitive menu
- Easy to read color display with graphics
- Background color interchangeable
- Multiple AV operations control your Stereo, TV and DVD
- Smart chip will detects any problems in your hot tub



Easy Navigation

- New button technology solid state
- Up/Down
- Left/Right
- Select

ControlsAndPanels

Colossus Systems And Panels



Product Descriptions

Colossus BP25P3BC

Material No.: 55963-01

Control Panels: TP900 with Overlay (12513),
TP901 without overlay (50262)

For International

Colossus BP26P3BC 3.0kW Incoloy

Material No.: 55976-02

Colossus BP26P3BC 3.0kW Titanium

Material No.: 55977-02

Control Panels: TP900 with Overlay (12513),
TP901 without overlay (50262)

Note: Minimum quantity required, please call Balboa customer service for additional information.

Colossus System Specifications

Material No.	Pump 1	Pump 2	Pump 3	Circ Pump	Blower	AV (Stereo)	Ozone	Spa Lights	Heater
55963-01	240V 2 Speed	240V 2 Speed	240V 2 Speed	240V 1 Speed	240V 1 Speed	120V	120V	12V	5.5kW @ 240V
55976-02	230V 2 Speed	230V 2 Speed	230V 2 Speed	230V 1 Speed	230V 1 Speed	230V	230V	10V	3.0kW @ 240V
55977-02	230V 2 Speed	230V 2 Speed	230V 2 Speed	230V 1 Speed	230V 1 Speed	230V	230V	10V	3.0kW @ 240V

Note: Above are evaluation systems only. Colossus system models can be custom configured. Model BP26P3BC is CE version.

ControlsAndPanels

Colossus Systems And Panels



- High-tech, high-temperature resistant housing material
- Proven use in mission critical applications for automotive & other industries
- Employs a GFCI trip feature that cuts power in the event that a pump is stuck in the ON position



- Chemical resistant heater element & sensors
- Low-watt density efficient coiled element
- Patented heater design eliminates "rattle"
- Corrosion resistant, chemical-resistant heater housing
- Titanium element option



- Easy to read color digital display
- Multiple languages with easy navigation
- Friendly user interface with Intuitive menus
- Easy access to all equipment from the main panel
- Easily change display to five different colors
- The most important information can be seen quickly from the main screen
- Panel displays reminders, heater and system related messages and test menus



- The Dolphin remote is a waterproof, universal control; it floats on water, has an ergonomic grip & tactile button
- Direct control of volume and channels

Learn more go to pg. 77-78.

Control Panels for Colossus



Colossus Panel TP900

Material No.: TP900
no overlay (55994),
TP901 (55995-01)

- 5 button with LCD display
- 10in wide x 4.5in tall approx.
- 25.4cm wide x 11.43cm tall



Colossus Panel TP800

Material No.: TP800 (50204),

- 9 button with LCD display
- 10in wide x 3.5in tall approx.
- 31.24cm wide x 13.20cm tall

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Revolution

Transforming the control hot tub

- Unparalleled system reliability
- Corrosion resistant, chemical-resistant heater
- Compact design
- Friendly user interface
- Versatile installation



Made in the USA

BALBOA
water group

ControlsAndPanels

Revolution Systems And Panels

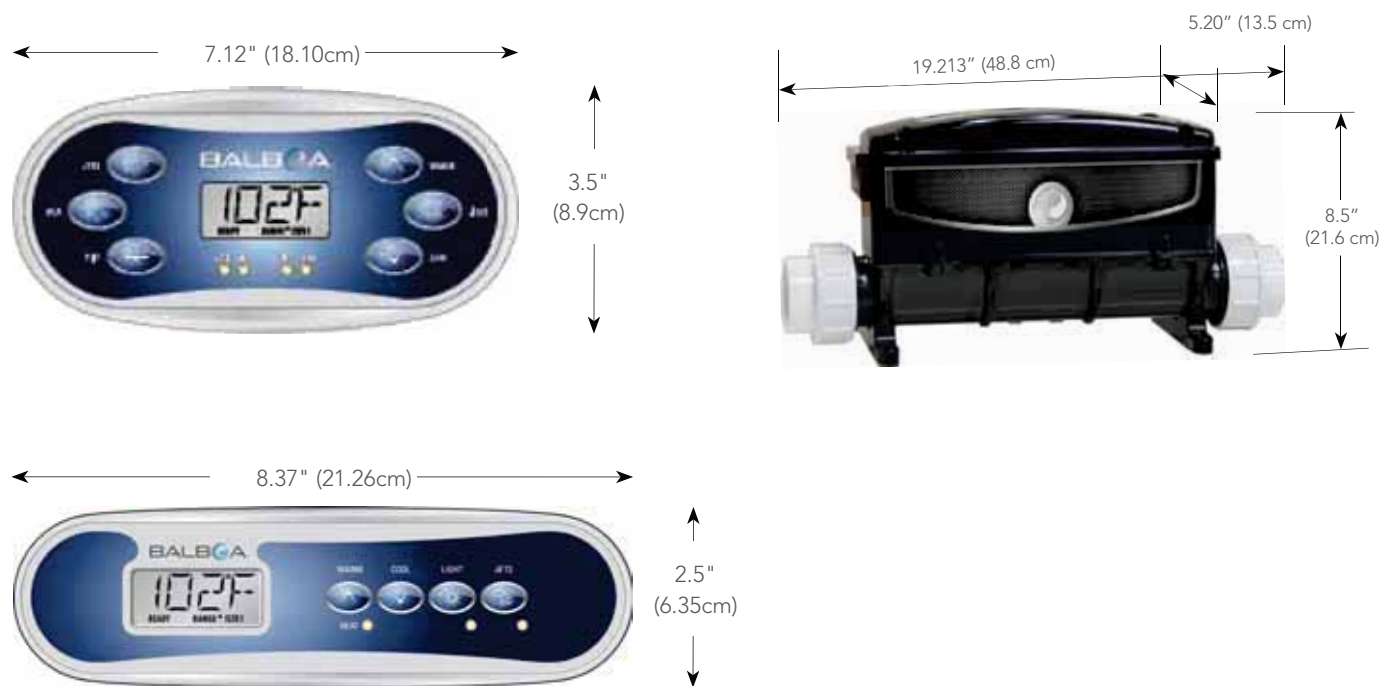
REVOLUTION - Transforming the Control of Hot Tubs

Balboa's Revolution hot tub control is setting a new industry standard for unmatched system reliability, manufacturing flexibility and end user friendliness.

Incomparable System Reliability

Utilizing advanced technology and high temperature corrosion proof mission critical materials from the automotive and other industries, the Revolution hot tub control systems all but eliminate leaks due to corrosion or harsh chemicals. Together with a newly designed, energy efficient heating coil that reduces element failures due to rattling, Balboa is providing peace of mind for the end-user.

Product Measurements



Tight Spots Are A Thing of the Past

The Revolution sports a compact low profile package offering flexibility with mounting to give you the most in tub design and manufacturing line flexibility. A single model can be configured on the line to support various system configurations without adding additional skus – the Revolution expands the world for you.

ControlsAndPanels

Revolution Systems And Panels



Features

- Unparalleled system reliability
- Corrosion resistant, chemical-resistant heater
- Compact design
- Friendly user interface
- Versatile installation

Powerful, Yet Simple Userface

The sleek new topside panel includes a large easy to read back-lit LCD with simple to follow end user menus. With new press and hold button technology, setting temperature and other common tasks have been simplified. User navigation is intuitive and easier than ever, reducing customer service help calls.



Overlay Material
No. 12198
(Jet 1, Jet 2, Flip,
Warm, Light, Cool)



Overlay Material
No. 12101
(Jets, Aux, Flip, Warm,
Light, Cool)



If you like to order different color overlays
please call Customer Service.

MANUFACTURED UNDER ONE OR MORE OF THESE PATENTS: U.S. PATENTS: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 B2, CANADIAN PATENT: 2342614, AUSTRALIAN PATENT: 2373248 OTHER PATENTS BOTH FOREIGN AND DOMESTIC APPLIED FOR AND PENDING. ALL SOFTWARE COPYRIGHT BALBOA WATER GROUP.

Compatible Plumbing Kits (Coupling nuts and seals included)	
55911	2" Tailpieces (2-Speed Pump 1)
55914	1.5" Tailpieces (2-Speed Pump 1)
55912	1" Tailpiece Inserts (Circ)
55913	One Direct Circ Pump Coupling and one 1" Tailpiece Insert

ControlsAndPanels

Revolution Systems And Panels



Product Descriptions

Revolution BP1500 w/4.0kW 800 Incoloy Material No.: 56125
 Revolution BP1500 w/4.0kW Titanium Element Material No.: 56126
 Control Panel: TP600 and TP600CE (See pg. 23 for Material No.)

For International

Revolution BP1600 w/3.0kW Incoloy Material No.: 56129
 Revolution BP1600 w/3.0kW Titanium Element Material No.: 56130
 Control Panel: TP400CE (55702)

Note: Minimum quantity required, please call Balboa customer service for additional information.

Revolution System Specifications

Material No.	Pump 1	Pump 2	Circ Pump & Ozone Combined	Blower	Spa Lights	Heater	Option Output
56126	1 or 2 Speed - 240V/12A or 120V/12 A	1 Speed - 240V/12A or 120V/12A	240/120 VAC 5.5A	240V/8A	12 VAC/.25A LED Lights	4.0kW w/ 800 Incoloy	4 Amp Max.
56125	1 or 2 Speed - 240V/12A or 120V/12 A	1 Speed - 240V/12A or 120V/12A	240/120 VAC 5.5A	240V/8A	12 VAC/.25A LED Lights	4.0kW Titanium Element	4 Amp Max.
56130	1 or 2 Speed - 240V/12A or 120V/12 A	1 Speed - 240V/12A or 120V/12A	240/120 Convertible	240V/8A	12 VAC/.25A LED Lights	3.0kW w/ Incoloy	4 Amp Max.
56129	1 or 2 Speed - 240V/12A or 120V/12 A	1 Speed - 240V/12A or 120V/12A	240/120 Convertible	240V/8A	12 VAC/.25A LED Lights	3.0kW Titanium Element	4 Amp Max.

Note: All 4.0kW are UL and all 3.0kW are CE.

Revolution Standard Specifications

Recommended Ozone Support	Balboa ozone (UL and CE certified)
Sensors	M7 patented temperature probes
Certifications	UL and CE recognized
Spa Light Control	LED lights only (no incandescent lighting)



ControlsAndPanels

Revolution Systems And Panels

Control Panels for Revolution



Revolution Panel TP600

- 6 button LCD display
- 7.12in wide x 3.5in tall approx.
- 18.10cm wide x 8.9cm tall

Domestic Panels TP600

- 50056-01: With Overlay 12198
- 55673-05: With Overlay 12101
- 55676-05: No Overlay
- 56046-01: 15 ft. Cord, No Overlay
- 56046-01: 15 ft. Cord, With Overlay 12101

International Panels TP600CE

- 50014-01: With Overlay 12101
- 50015-01: No Overlay



Revolution Panel TP400CE

Material No.: 55702

- 4 button LCD display
- 8.37in wide x 2.5in tall approx.
- 21.26cm wide x 6.35cm tall

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VS/GS Series

Your Single Source Solution

- Programmable Filtration
- European/AU safety approvals
- Advanced Piezo Switches
- Over 2 million systems installed worldwide
- Customizable topside panel overlay



Made in the USA

BALBOA
water group

ControlsAndPanels

VS Series Systems And Panels

Entry Level Hot Tub Control Systems

The Value Series (VS) family of hot tub control systems are designed using Balboa's patented M7 temperature and flow sensor technology and a new universal control platform. These features increase the reliability, ease of installation and serviceability of the control.

Designed for Easy Installation and Service

The VS family is based on a common universal control platform, which increases feature flexibility while reducing installation and configuration problems. The VS family has exceptionally good feature flexibility, so its performance is comparable with much higher end products. The units incorporate Balboa's patented M7 temperature probe technology, which eliminates the more failure prone pressure switches and simplifies the installation process by not having to drill additional holes in the spa.



Features

- Built on patented M7 sensor technology
- 120V/240V convertible power supply
- Custom designed plastic enclosure
- US & Canadian safety approvals
- High reliability built in
- Integrated functionality
- Rigorously tested
- Easy to install & service

Flexible, High Reliability, Feature Rich

The systems have a plastic enclosure to eliminate water intrusion. Connectors are built onto the circuit board minimizing wires and simplifying service. The different models have controls for a single two-speed pump or an additional blower or pump. All models feature a convertible power supply that can be wired for 120 or 240 volts. They support a variety of panels and come with a 3.0, 4.0 or a 5.5kW 240V heater.

Spa Wireless Remote



- The Dolphin remote is a waterproof, universal control; it floats on water, has an ergonomic grip & tactile button
- Direct control of volume and channels

Learn more go to pg. 77-78.

ControlsAndPanels

VS300 Series Systems And Panels



Product Descriptions

VS300AV System Material No.: 55506

Control Panels: VL200, VL240, VL260, VL401, VL403, VL406U

VS300FC5 System Material No.: 55646

Control Panels: VL200, VL240, VL260, VL401, VL406U

VS300FH4 System w/4.0kW Heater Material No.: 54647-01

VS300FH5 System Material No.: 54645-01

VS300FL4 System w/4.0kW Heater Material No.: 54626-01

VS300FL5 System Material No.: 54603-01

Control Panels: VL200, VL240, VL260, VL401, VL403, VL406U

See pg. 28 for additional information on the Control Panels.

Note: Please review our tech sheets for DIP switch configurations.

VS300 System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
55506	240V 2 Speed	-	-	120V	240V	12V	4.0kW @ 240V
55646	120/240V 2 Speed	-	-	-	120V/240V	12V	1.4kW @ 120V/ 5.5kW @ 240V
54647-01	240V 2 Speed	-	-	-	240V	12V	4.0kW @ 240V
54545-01	240V 2 Speed	-	-	-	240V	12V	5.5kW @ 240V
54626-01	120V 2 Speed	-	-	-	120V	12V	4.0kW @ 240V
54603-01	120V 2 Speed	-	-	-	120V	12V	5.5kW @ 240V

Note: Please see our Tech Sheets for additional information.

ControlsAndPanels

VS300 Series Systems And Panels

Control Panels Compatible with VS300



VL401 Lite Duplex Panel

- 4 button with LCD Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

54665: Jet, Light, Cool & Warm
54135-01: Blank, Jet, Temperature & Light
52424-01: No overlay



VL403 Lite Duplex Panel

- 4 button with LED Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

52345-01: Jet, Light, Warm & Cool
54105: Blank, Jet, Temperature & Light
54664: Jet, Light, Cool & Warm
54130: No overlay



VL406U Duplex Digital Panel

- 4 button with LCD Display
- 7.0in wide x 4.3in tall approx.
- 17.78cm wide x 8.64cm tall

Material No.:

55350-01: Jet, Light, Warm, Cool
55417-01: No overlay



VL200 Mini Panel (Optional)

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

52487: Jet, Temp, Light
55123: Jet, Light, Cool, Warm
53676: No overlay



VL240 (Optional)

- 4 button with LED Display
- 5.3in wide x 1.9in tall approx.
- 13.46cm wide x 4.82cm tall

Material No.:

55571: Jet, Temp, Light
55080: Jet, Light, Cool, Warm
53644: No overlay



VL260 (Optional)

- 4 button with LED Display
- 7.0in wide x 2.1in tall approx.
- 17.78cm wide x 5.33cm tall

Material No.:

54685: Jet, Temp, Light
55081: Jet, Light, Cool, Warm
53646: No overlay

Note: VS/GS overlay must match specific systems and in some cases specific DIP switch settings.

ControlsAndPanels

VS500Z Series Systems And Panels



Product Descriptions

VS500Z System with cords Material No.: 54368HC3

VS500Z System without cords Material No.: 54368-03

VS500Z System w/4.0kW heater Material No.: 54603-03

VS500Z System w/120V GFCI Material No.: 54337-04

Control Panels: VL200, VL240, VL260, VL401, VL403, VL406U

See pg. 30 for additional information on the Control Panels.

Please review our tech sheets for DIP switch configurations.

VS500Z System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54368HC3	120V/240V 2-Speed	-	120/240V	120/240V	120/240V	12V	5.5kW @ 240V
54368-03	120V/240V 2-Speed	-	120/240V	120/240V	120V/240V	12V	5.5kW @ 240V
54603-03	120V 2 Speed	-	-	120/240V	120/240V	12V	4.0kW @ 240V
54337-04	120V 2 Speed	-	120V	120V	120V	12V	1.4kW @ 120V

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

ControlsAndPanels

VS500Z Series Systems And Panels

Control Panels Compatible with VS500Z



VL401 Lite Duplex Panel

- 4 button with LCD Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

54665: Jet, Light, Cool & Warm
54135-01: Blank, Jet, Temperature & Light
52424-01: No overlay



VL403 Lite Duplex Panel

- 4 button with LED Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

52345-01: Jet, Light, Warm & Cool
54105: Blank, Jet, Temperature & Light
54664: Jet, Light, Cool & Warm
54130: No overlay



VL406U Duplex Digital Panel

- 4 button with LCD Display
- 7.0in wide x 4.3in tall approx.
- 17.78cm wide x 8.64cm tall

Material No.:

55350-01: Jet, Light, Warm, Cool
55417-01: No overlay



VL200 Mini Panel (Optional)

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

52487: Jet, Temp, Light
55123: Jet, Light, Cool, Warm
53676: No overlay



VL240 (Optional)

- 4 button with LED Display
- 5.3in wide x 1.9in tall approx.
- 13.46cm wide x 4.82cm tall

Material No.:

55571: Jet, Temp, Light
55080: Jet, Light, Cool, Warm
53644: No overlay



VL260 (Optional)

- 4 button with LED Display
- 7.0in wide x 2.1in tall approx.
- 17.78cm wide x 5.33cm tall

Material No.:

54685: Jet, Temp, Light
55081: Jet, Light, Cool, Warm
53646: No overlay

Note: VS/GS overlay must match specific systems and in some cases specific DIP switch settings.

ControlsAndPanels

VS501Z Series Systems And Panels



Product Descriptions

VS501Z System with cords Material No.: 54356HC3

VS501Z System without cords Material No.: 54356-03

VS501Z System w/ 4.0kW heater Material No.: 54379-03

VS501Z System w/ 3.0kW heater Material No.: 54481-03

Control Panels: VL200, VL401, VL403, VL406T

See pg. 32 for additional information on the Control Panels.

Please review our tech sheets for DIP switch configurations.

VS501Z System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	Blower	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54656HC3	120V/240V 2-Speed	-	120V/240V	120V/240V	-	120V/240V	12V	240V 5.5kW
54356-03	120V/240V 2-Speed	-	120V/240V	120V/240V	-	120V/240V	12V	240V 5.5kW
54379-03	120V/240V 2-Speed	-	120V/240V	120V/240V	-	120V/240V	12V	240V 4.0kW
54481-03	120V/240V 2-Speed	-	120V/240V	120V/240V	-	120V/240V	12V	240V 3.0kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

ControlsAndPanels

VS501Z Series Systems And Panels

Control Panels Compatible with VS501Z



VL401 Lite Duplex Panel

- 4 button with LCD Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

54094-01: Blower, Jet, Temperature & Light
54665: Jet, Light, Cool & Warm
94251-01: Jet, Jet, Temperature & Light
54135-01: Blank, Jet, Temperature & Light
52424-01: No overlay



VL403 Lite Duplex Panel

- 4 button with LED Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

51676: Blower, Jet, Temperature & Light
52345-01: Jet, Light, Warm & Cool
54104: Jet, Jet, Temperature & Light
54105: Blank, Jet, Temperature & Light
54664: Jet, Light, Cool & Warm
54130: No overlay



VL406T Duplex Digital Panel

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

55349: Jet, Blower, Light, Temperature
55413: No overlay



VL200 Mini Panel (Optional)

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

52487: Jet, Temp, Light
55123: Jet, Light, Cool, Warm
52144: Blower, Jets, Temp, Light
53676: No overlay

Note: VS/GS overlay must match specific systems and in some cases specific DIP switch settings.

ControlsAndPanels

VS504SZ Series Systems And Panels



Product Descriptions

VS504SZ System

Material No.: 54637-01

Control Panels: VL701S

VS504SZ System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54637-01	240V, 2 Speed	240V, 1 Speed	240V	-	240V	12V	240V @ 5.5kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

Control Panels Compatible with VS504SZ



VL701S Serial Standard Panel

- 7 button with LCD Display
- 7.4in wide x 2.2in tall approx.
- 18.8cm wide x 8.34cm tall

Material No.:

54170-01: Auxiliary, Jet, Jet, Light, Warm, Cool, Mode

55390: Light, Jet, Jet, Jet, Warm, Cool, Mode

54112-01: No Overlay

Note: VS/GS overlay must match specific systems and in some cases specific DIP switch settings.

ControlsAndPanels

VS510DZ And VS510SZ Series Systems And Panels



Product Descriptions

VS510SZ with cords Material No.: 54371-02

VS510SZ without cords Material No.: 54371HC2

VS510SZ System w/4.0kW Heater Material No.: 54559-01

Control Panels: VL700S, VL701S and VL702S

See pg. 35 for additional information on the Control Panels.

VS510DZ and VS510SZ System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	Blower	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54371-02	240V, 2 Speed	240V, 1 Speed	120V	240V	120V	120V	12V	240V @ 5.5kW
54371HC2	240V, 2 Speed	240V, 1 Speed	120V	240V	120V	120V	12V	240V @ 5.5kW
54559-01	240V, 2 Speed	240V, 1 Speed	120V	240V	120V	120V	12V	240V @ 4.0kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

ControlsAndPanels

VS510DZ And VS510SZ Series Systems And Panels

Control Panels Compatible with VS510DZ and VS510SZ



VL700S Serial Standard Panel

- 7 button with LCD Display
- 9.8in wide x 3.1in tall approx.
- 24.89cm wide x 7.87cm tall

Material No.:

53811: Light, Blower, Jet, Jet, Warm, Cool, Mode
54716: Light, Blank, Jet, Jet, Warm, Cool, Mode
53812: No Overlay



VL702S Serial Standard Panel

- 7 button with LCD Display
- 10.3in wide x 4.6in tall approx.
- 26.1cm wide x 11.68cm tall

Material No.:

54652-01: Blower, Jet, Jet, Light, Warm, Cool, Mode
54539-01: No Overlay



VL701S Serial Standard Panel

- 7 button with LED Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.83cm tall

Material No.:

53189-01: Blower, Jet, Jet, Light, Warm, Cool, Mode
54170-01: Auxiliary, Jet, Jet, Light, Warm, Cool, Mode
55390: Light, Jet, Jet, Jet, Warm, Cool, Mode
54112-01: No Overlay

Note: VS/GS overlay must match specific systems and in some cases specific DIP switch settings.
Please see our Tech Sheets for additional information.

ControlsAndPanels

VS511Z And VS511SZ Series Systems And Panels



Product Descriptions

VS511Z System Material No.: 54382-05

Control Panels: VL401, VL402, VL403, VL404, VL406T

VS511SZ System Material No.: 54384-04

VS511SZ System w/4.0kW Heater Material No.: 55053-03

Control Panels: VL600S, VL700S, VL701S

See pg. 37 for additional information on the Control Panels.

VS511Z and VS511SZ System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54382-05	240V, 2 Speed	240V, 1 Speed	120V	120V	120V	12V	240V @ 5.5kW
54384-04	240V, 2 Speed	240V, 1 Speed	120V	120V	120V	12V	240V @ 5.5kW
55053-03	240V, 2 Speed	240V, 1 Speed	120V	120V	120V	12V	240V @ 4.0kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

ControlsAndPanels

VS511Z And VS511SZ Series Systems And Panels

Control Panels Compatible with VS511Z and VS511SZ



VL401 Lite Duplex Panel

- 4 button with LCD Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.6cm tall

Material No.:

54094-01: Blower, Jet, Temperature & Light
54665: Jet, Light, Cool & Warm
94251-01: Jet, Jet, Temperature, Light
54135-01: Blank, Jet, Temperature, Light
52424-01: No overlay



VL402 Duplex Digital Panel

- 4 button with LED Display
- 7.3in wide x 3.2in tall approx.
- 18.54cm wide x 8.13cm tall

Material No.:

54093: Blower, Light, Jet
54100: Blank, Light, Jet
54107: Jet, Light, Jet



VL403 Lite Duplex Panel

- 4 button with LCD Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

51676: Blower, Jet, Temperature, Light
52345-01: Jet, Light, Warm, Cool
54104: Jet, Jet, Temperature, Light
54105: Blank, Jet, Temperature, Light
54664: Jet, Light, Cool, Warm
54130: No overlay



VL700S Serial Standard Panel

- 7 button with LCD Display
- 9.8in wide x 3.1in tall approx.
- 24.89cm wide x 7.87cm tall

Material No.:

53811: Light, Blower, Jet, Jet, Warm, Cool, Mode
54716: Light, Blank, Jet, Jet, Warm, Cool, Mode
53812: No Overlay



VL404 Duplex Digital Panel

- 4 button with LCD Display
- 7.3in wide x 3.2in tall approx.
- 18.54cm wide x 8.13cm tall

Material No.:

51223: Blower, Jet, Light
51248: Jet, Jet, Light
51225: Blank, Jet, Light
52825: No overlay



VL406T Duplex Digital Panel

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

55349: Jet, Blower, Light, Temperature
55413: No overlay



VL600S Serial Standard Panel

- 6 button with LCD Display
- 7.0in wide x 3.4in tall approx.
- 17.78cm wide x 8.64cm tall

Material No.:

54547-01: Jet, Blower, Light, Warm, Cool, Mode
54548-01: Jet, Jet, Light, Warm, Cool, Mode
54681-01: Jet, Auxiliary, Light, Warm, Cool, Mode
54546-01: No Overlay



VL701S Serial Standard Panel

- 7 button with LED Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.83cm tall

Material No.:

53189-01: Blower, Jet, Jet, Light, Warm, Cool, Mode
54170-01: Auxiliary, Jet, Jet, Light, Warm, Cool, Mode
54112-01: No Overlay

Note: VS/GS overlay must match specific systems and in some cases specific DIP switch settings. Please see our Tech Sheets.

ControlsAndPanels

VS513Z Series Systems And Panels



Product Descriptions

VS513Z System

Material No.: 55839-01

Control Panels: VL400, VL406T

VS513Z System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
55839-01	240V, 2 Speed	120V, 1 Speed	120V	120V	120V	12V	240V @ 5.5kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

Control Panels Compatible with VS513Z



VL400 Serial Standard Panel

- 4 button with LED Display
- 7.5in wide x 2.3in tall approx.
- 19.05cm wide x 5.84cm tall

Material No.:

55129: Light, Temperature, Jet & Auxiliary
TBD: Blower, Jet, Temperature & Light
55130: No Overlay



VL406T Duplex Digital Panel

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

55349: Jet, Blower, Light, Temperature
55413: No overlay

ControlsAndPanels

VS514SZ Series Systems And Panels



Product Descriptions

VS514SZ System

Material No.: 54639-01

Control Panel: VL701S

VS515Z System Specifications

Material No.	Pump 1	Pump 2	Pump 3	Circ Pump	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54639-01	240V, 2 Speed	240V, 1 Speed	240V, 1 Speed	240V	120V	240V	12V	240V @ 5.5kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

Control Panels Compatible with VS514SZ



VL701S Serial Standard Panel

- 7 button with LED Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.83cm tall

Material No.:

53189-01: Blower, Jet, Jet, Light, Warm, Cool, Mode
54170-01: Auxiliary, Jet, Jet, Light, Warm, Cool, Mode
55390: Light, Jet, Jet, Jet, Warm, Cool, Mode
54112-01: No Overlay

ControlsAndPanels

VS515Z Series Systems And Panels



Product Descriptions

VS515Z System

Material No.: 55476

Control Panel: VL406T, VL406U, VL701S

VS515Z System Specifications

Material No.	Pump 1	Pump 2	Blower	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54639-01	240V, 2 Speed	240V, 1 Speed	240V	120V	120V	12V	240V @ 5.5kW

Note: Circ Pump is not allowed on this system.

Control Panels Compatible with VS515Z



VL406T Duplex Digital Panel

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

55349: Jet, Blower, Light, Temperature

55413: No overlay



VL260 Serial Standard Panel

- 4 button with LED Display
- 7.0in wide x 2.1in tall approx.
- 17.78cm wide x 5.33cm tall

Material No.:

54685: Jet, Temp, Light

55081: Jet, Light, Cool, Warm

53646: No overlay



VL406U Duplex Digital Panel

- 4 button with LCD Display
- 7.0in wide x 4.3in tall approx.
- 17.78cm wide x 8.64cm tall

Material No.:

55350-01: Jet, Light, Warm, Cool

55417-01: No overlay

ControlsAndPanels

VS501SZ, VS520DZ and VS520SZ Series Systems And Panels



Product Descriptions

VS520SZ without cords	Material No.: 56007-01
VS520SZ with cords	Material No.: 56007HC1
VS501SZ without cords	Material No.: 54377-02
VS501SZ with cords	Material No.: 54377HC2
Control Panel: VL701S	

VS520DZ System Material No.: 56016-01

Control Panel: VL801D, VL802D

See pg. 42 for additional information on the Control Panels.

VS501SZ, VS520DZ and VS520SZ System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	Blower	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
56007-01	240V, 2 Speed	240V, 2 Speed	120V	240V	120V	120V	12V	240V @ 5.5kW
56007HC1	240V, 2 Speed	240V, 2 Speed	120V	240V	120V	120V	12V	240V @ 5.5kW
54377-02	120/240V, 2 Speed	-	120/240V	120/240V	120/240V	120/240V	12V	240V @ 5.5kW
54377HC2	120/240V, 2 Speed	-	120/240V	120/240V	120/240V	120/240V	12V	240V @ 5.5kW
56016-01	240V, 2 Speed	240V, 2 Speed	120V	240V	120V	120V	12V	240V @ 5.5kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

ControlsAndPanels

VS501SZ, VS520DZ and VS520SZ Series Systems And Panels

Control Panels Compatible with VS501SZ, VS520DZ and VS520SZ



VL701S Serial Standard Panel

- 7 button with LED Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.83cm tall

Material No.:

- 53189-01: Blower, Jet, Jet, Light, Warm, Cool, Mode
54170-01: Auxiliary, Jet, Jet, Light, Warm, Cool, Mode
54112-01: No Overlay
-



VL801D Deluxe Digital Panel

- 8 button with LCD Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.38cm tall

Material No.:

- 54108-01: Blower, Jet, Jet, Light, Warm, Cool, Time, Mode/Prog.
54128-01: Blower, Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.
54142-01: Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.
54121-01: No Overlay
-



VL802D Deluxe Digital Panel

- 8 button with LCD Display
- 10.3in wide x 4.6in tall approx.
- 26.16cm wide x 11.68cm tall

Material No.:

- 54528-02: Light, Blower, Jets, Jets, Warm, Cool, Time, Mode/Prog.
54562-01: No Overlay
-

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

ControlsAndPanels

VS523DZ Series Systems And Panels



Product Descriptions

VS523DZ

Material No.: 54762

Control Panel: VL801D, VL802D

VS523DZ System Specifications

Material No.	Pump 1	Pump 2	Pump 3	Circ Pump	Blower	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54762	240V, 2 Speed	240V, 1 Speed	240V, 1 Speed	120V	240V	12V	120V	12V	240V @ 5.5kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

Control Panels Compatible with VS523DZ



VL801D Deluxe Digital Panel

- 8 button with LCD Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.38cm tall

Material No.:

- 54108-01: Blower, Jet, Jet, Light, Warm, Cool, Time, Mode/Prog.
- 54128-01: Blower, Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.
- 54142-01: Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.
- 54121-01: No Overlay



VL802D Deluxe Digital Panel

- 8 button with LCD Display
- 10.3in wide x 4.6in tall approx.
- 26.16cm wide x 11.68cm tall

Material No.:

- 54528-02: Light, Blower, Jets, Jets, Warm, Cool, Time, Mode/Prog.
- 54562-01: No Overlay

ControlsAndPanels

VS Systems Expansion Options

Expansion Options



X-B

Material No.: 53310

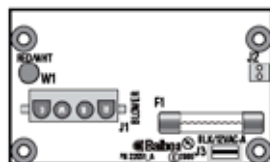
Used for a 1 Speed Blower output only.



X-P

Material No.: 53544

Expansion board used to add a 1-speed pump output



X-TB

Material No.: 55344

Used for a multi-speed Blower (required v29+ software and "bL" set to "2" or "3"). Or can be used for a 1 Speed Blower.



X-Mount P

Material No.: 53933

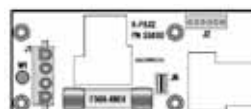
Used for mounting any Expander board into a plastic enclosure (EL2000 and VS Series)



X-P231

Material No.: 53681

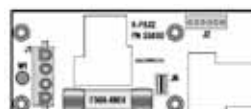
Can replace the X-P in cases where branch circuit protection is ended for high amperage devices that would over-burden power input fuse F5 (1-A) on the main PCBA.



X-P632

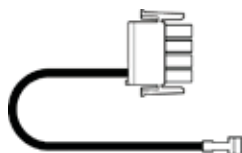
Material No.: 53680

Used for a 2 Speed Pump output or for two 1 Speed Pumps. Can also be used for optional setups.



X-03

Material No.: 53426



VS-P2 Adapter Wire

Material No.: 25339

X-FOW Kit

Material No.: 53912

Special setup with X-03 and adapter PN 25338 to operate a fiber-optic light and color wheel independently. Required to operate a Fiber Optic when a Circ Pump is installed on Main PCBA at J2.

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ControlsAndPanels

GS Series Systems And Panels

Global Series (GS) of Spa Controls

The Global Series (GS) of spa control systems were designed using Balboa's patented M7 temperature flow and sensor technology and a new universal control platform. These features increase the reliability, ease of installation and serviceability of the control.

Designed for easy installation and service

The GS family is based on a common universal control platform, which increases feature flexibility while reducing installation and configuration problems. The GS family has exceptionally good feature flexibility, so its performance is competitive with much higher end products. The units incorporate Balboa's patented M7 temperature probe technology, which eliminates the more failure prone pressure switches and simplifies the installation process by not having to drill additional holes in the spa.



Features

All controls have the following features:

- Circulation pump, 24 hrs or 1.5C safety shut off
- Spa light 10V/12W on/off
- Audio/visual device power output
- CE Approvals
- Ozone ready
- 1-3 kW heater option

Flexible, High Reliability, Feature Rich

The systems have a plastic enclosure to eliminate water intrusion. Connectors are built onto the circuit board minimizing wires and simplifying service. The different models have controls for a single 2-speed pump or and additional blower or pump. All models feature a power supply that is wired to 230V, support multiple topside panels and offer 1, 1.5, 3.5, 4 and 5.5 kW heater.

Spa Wireless Remote



- The Dolphin remote is a waterproof, universal control; it floats on water, has an ergonomic grip & tactile button
- Direct control of volume and channels

Learn more go to pg. 77-78.

ControlsAndPanels

GS500Z M7 And GS500Z Series Systems And Panels



Product Descriptions

GS500Z M7 without cords Material No.: 54509-01

GS500Z M7 with cords Material No.: 54509HC1

GS500Z System w/2.0kW Heater Material No.: 54523-01

Control Panel: VL200, VL401, VL403, VL406U

See pg. 46 for additional information on the Control Panels.

GS500Z M7 and GS500Z System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54509-01	230V 2 Speed	-	230V	230V	230V	10V	3.0kW
54509HC1	230V 2 Speed	-	230V	230V	230V	10V	3.0kW
54523-01	230V 2 Speed	-	230V	230V	230V	10V	2.0kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

ControlsAndPanels

GS500Z M7 And GS500Z Series Systems And Panels

Control Panels Compatible with GS500Z M7 and GS500Z



VL401 Lite Duplex Panel

- 4 button with LCD Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

54665: Jet, Light, Cool & Warm
54135-01: Blank, Jet, Temperature & Light
52424-01: No overlay



VL403 Lite Duplex Panel

- 4 button with LED Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

52345-01: Jet, Light, Warm & Cool
54105: Blank, Jet, Temperature & Light
54664: Jet, Light, Cool & Warm
54130: No overlay



VL406U Duplex Digital Panel

- 4 button with LCD Display
- 7.0in wide x 4.3in tall approx.
- 17.78cm wide x 8.64cm tall

Material No.:

55350-01: Jet, Light, Warm, Cool
55417-01: No overlay



VL200 Mini Panel (Optional)

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

52487: Jet, Temp, Light
55123: Jet, Light, Cool, Warm
53676: No overlay

ControlsAndPanels

GS501Z M7, GS501SZ M7 And GS501DZ Series Systems And Panels



Product Descriptions

GS501Z M7 without cords Material No.: 54511-01

GS501Z M7 with cords Material No.: 54511HC1

Control Panel: VL200, VL240, VL260, VL401, VL402, VL406T

GS501SZ M7 System Material No.: 54515-01

GS501SZ System w/ 2.0kW Heater Material No.: 55248-02

Control Panel: VL600, VL701S

GS501DZ System Material No.: 55250-01

Control Panel: VL801D, VL802D

See pg. 48-49 for additional information on the Control Panels.

Please review our tech sheets for DIP switch configurations.

GS501Z M7, GS501SZ M7 and GS501DZ System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	Blower	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54511-01	230V 2 Speed	-	230V	230V	230V	230V	10V	3.0kW
54511HC1	230V 2 Speed	-	230V	230V	230V	230V	10V	3.0kW
54515-01	230V 2 Speed	-	230V	230V	230V	230V	10V	3.0kW
55248-02	230V 2 Speed	-	230V	230V	230V	230V	10V	2.0kW
55250-01	230V 2 Speed	-	230V	230V	230V	230V	10V	3.0kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

ControlsAndPanels

GS501Z M7, GS501SZ M7 And GS501DZ Series Systems And Panels

Control Panels Compatible with GS501Z M7, GS501SZ M7 and GS501DZ



VL401 Lite Duplex Panel

- 4 button with LCD Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

- 54665: Jet, Light, Cool & Warm
54135-01: Blank, Jet, Temperature & Light
52424-01: No overlay
-



VL600S Serial Standard Panel

- 6 button with LCD Display
- 7.0in wide x 3.4in tall approx.
- 17.78cm wide x 8.64cm tall

Material No.:

- 54547-01: Jet, Blower, Light, Warm, Cool, Mode
54548-01: Jet, Jet, Light, Warm, Cool, Mode
54681-01: Jet, Auxiliary, Light, Warm, Cool, Mode
54546-01: No Overlay
-



VL402 Duplex Digital Panel

- 4 button with LED Display
- 7.3in wide x 3.2in tall approx.
- 18.54cm wide x 8.13cm tall

Material No.:

- 54093: Blower, Light, Jet
54100: Blank, Light, Jet
54107: Jet, Light, Jet
-



VL701S Serial Standard Panel

- 7 button with LED Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.83cm tall

Material No.:

- 53189-01: Blower, Jet, Jet, Light, Warm, Cool, Mode
54170-01: Auxiliary, Jet, Jet, Light, Warm, Cool, Mode
54112-01: No Overlay
-



VL406T Duplex Digital Panel

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

- 55349: Jet, Blower, Light, Temperature
55413: No overlay
-



VL801D Deluxe Digital Panel

- 8 button with LCD Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.38cm tall

Material No.:

- 54108-01: Blower, Jet, Jet, Light, Warm, Cool, Time, Mode/Prog.
54128-01: Blower, Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.
54142-01: Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.
54121-01: No Overlay
-

ControlsAndPanels

GS501Z M7, GS501SZ M7 And GS501DZ Series Systems And Panels

Control Panels Compatible with GS501Z M7, GS501SZ M7 and GS501DZ



VL802D Deluxe Digital Panel

- 8 button with LCD Display
- 10.3in wide x 4.6in tall approx.
- 26.16cm wide x 11.68cm tall

Material No.:

54528-02: Light, Blower, Jets, Jets, Warm, Cool, Time, Mode/Prog.

54562-01: No Overlay



VL200 Mini Panel (Optional)

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

52487: Jet, Temp, Light

55123: Jet, Light, Cool, Warm

53676: No overlay



VL240 (Optional)

- 4 button with LED Display
- 5.3in wide x 1.9in tall approx.
- 13.46cm wide x 4.82cm tall

Material No.:

55571: Jet, Temp, Light

55080: Jet, Light, Cool, Warm

53644: No overlay



VL260 (Optional)

- 4 button with LED Display
- 7.0in wide x 2.1in tall approx.
- 17.78cm wide x 5.33cm tall

Material No.:

54685: Jet, Temp, Light

55081: Jet, Light, Cool, Warm

53646: No overlay

ControlsAndPanels

GS504SZ Series Systems And Panels



Product Descriptions

GS504SZ System

Material No.: 54650-01

Control Panel: VL701S

GS504SZ System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54650-01	230V 2 Speed	230V 1 Speed	230V	230V	230V	10V	3.0kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

Control Panels Compatible with GS504SZ



VL701S Serial Standard Panel

- 7 button with LED Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.83cm tall

Material No.:

53189-01: Blower, Jet, Jet, Light, Warm, Cool, Mode

54170-01: Auxiliary, Jet, Jet, Light, Warm, Cool, Mode

54112-01: No Overlay

ControlsAndPanels

GS510SZ M7 And GS510DZ Series Systems And Panels



Product Descriptions

GS510SZ M7 without cords

Material No.: 54517-01

GS510SZ M7 with cord

Material No.: 54517HC1

Control Panel: VL700S, VL701S, VL702S

GS510DZ System

Material No.: 55106-01

Control Panel: VL801D

See pg. 52 for additional information on the Control Panels.

GS510SZ M7 and GS510DZ System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	Blower	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54517-01	230V, 2 Speed	230V, 1 Speed	230V	230V	230V	230V	10V	3.0kW
54517HC1	230V, 2 Speed	230V, 1 Speed	230V	230V	230V	230V	10V	3.0kW
55106-01	230V, 2 Speed	230V, 1 Speed	230V	230V	230V	230V	10V	3.0kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

ControlsAndPanels

GS510SZ M7 And GS510DZ Series Systems And Panels

Control Panels Compatible with GS510SZ M7 and GS510DZ



VL700S Serial Standard Panel

- 7 button with LCD Display
- 9.8in wide x 3.1in tall approx.
- 24.89cm wide x 7.87cm tall

Material No.:

- 53811: Light, Blower, Jet, Jet, Warm, Cool, Mode
54716: Light, Blank, Jet, Jet, Warm, Cool, Mode
53812: No Overlay



VL701S Serial Standard Panel

- 7 button with LED Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.83cm tall

Material No.:

- 53189-01: Blower, Jet, Jet, Light, Warm, Cool, Mode
54170-01: Auxiliary, Jet, Jet, Light, Warm, Cool, Mode
54112-01: No Overlay



VL702S Serial Standard Panel

- 7 button with LCD Display
- 10.3in wide x 4.6in tall approx.
- 26.1cm wide x 11.68cm tall

Material No.:

- 54652-01: Blower, Jet, Jet, Light, Warm, Cool, Mode
54539-01: No Overlay



VL801D Deluxe Digital Panel

- 8 button with LCD Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.38cm tall

Material No.:

- 54108-01: Blower, Jet, Jet, Light, Warm, Cool, Time, Mode/Prog.
54128-01: Blower, Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.
54142-01: Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.
54121-01: No Overlay

ControlsAndPanels

GS511Z M7 And GS511SZ Series Systems And Panels



Product Descriptions

GS511Z M7 System

Material No.: 54519-02

Control Panel: VL401, VL402, VL403, VL404, VL406T

GS511SZ System

Material No.: 54521-02

Control Panel: VL600S, VL700S, VL701S

See pg. 54 for additional information on the Control Panels.

GS511Z M7 and GS511SZ System Specifications

Material No.	Circ Pump	Pump 1	Pump 2	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54519-02	230V	230V, 2 Speed	230V, 2 Speed	230V	230V	10V	3.0kW
54521-02	230V	230V, 2 Speed	230V, 2 Speed	230V	230V	10V	3.0kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

ControlsAndPanels

GS511Z M7 And GS511SZ Series Systems And Panels

Control Panels Compatible with GS511Z M7 and GS511SZ



VL401 Lite Duplex Panel

- 4 button with LCD Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

54665: Jet, Light, Cool & Warm
54135-01: Blank, Jet, Temperature & Light
52424-01: No overlay



VL402 Duplex Digital Panel

- 4 button with LCD Display
- 7.3in wide x 3.2in tall approx.
- 18.54cm wide x 8.13cm tall

Material No.:

54093: Blower, Light, Jet
54100: Blank, Light, Jet
54107: Jet 2, Light, Jet1



VL403 Lite Duplex Panel

- 4 button with LED Display
- 6.3in wide x 2.2in tall approx.
- 16cm wide x 5.59cm tall

Material No.:

52345-01: Jet, Light, Warm & Cool
54105: Blank, Jet, Temperature & Light
54664: Jet, Light, Cool & Warm
54130: No overlay



VL404 Duplex Digital Panel

- 4 button with LED Display
- 7.3in wide x 3.2in tall approx.
- 18.54cm wide x 8.13cm tall

Material No.:

51223: Blower, Jet, Light
51248: Jet 2, Jet 1, Light
51225: Blank, Jet, Light
52825: No overlay, 25 ft. Cord



VL406T Duplex Digital Panel

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

55349: Jet, Blower, Light, Temperature
55413: No overlay



VL600S Serial Standard Panel

- 6 button with LCD Display
- 7.0in wide x 3.4in tall approx.
- 17.78cm wide x 8.64cm tall

Material No.:

54547-01: Jet, Blower, Light, Warm, Cool, Mode
54548-01: Jet, Jet, Light, Warm, Cool, Mode
54681-01: Jet, Auxiliary, Light, Warm, Cool, Mode
54546-01: No Overlay



VL700S Serial Standard Panel

- 7 button with LCD Display
- 9.8in wide x 3.1in tall approx.
- 24.89cm wide x 7.87cm tall

Material No.:

53811: Light, Blower, Jet, Jet, Warm, Cool, Mode
54716: Light, Blank, Jet, Jet, Warm, Cool, Mode
53812: No Overlay



VL701S Serial Standard Panel

- 7 button with LED Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.83cm tall

Material No.:

53189-01: Blower, Jet, Jet, Light, Warm, Cool, Mode
54170-01: Auxiliary, Jet, Jet, Light, Warm, Cool, Mode
54112-01: No Overlay

ControlsAndPanels

GS513Z Series Systems And Panels



Product Descriptions

GS513Z System

Material No.: 55896

Control Panel: VL400, VL406T

GS513Z System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
55896	230V, 2 Speed	230V, 1 Speed	230V	230V	230V	10V	3.0kW

Note: Circ Pump is optional. Please see our Tech Sheets for additional information.

Control Panels Compatible with GS513Z



VL801D Deluxe Digital Panel

- 8 button with LCD Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.38cm tall

Material No.:

54108-01: Blower, Jet, Jet, Light, Warm, Cool, Time, Mode/Prog.

54128-01: Blower, Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.

54142-01: Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.

54121-01: No Overlay



VL406T Duplex Digital Panel

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

55349: Jet, Blower, Light, Temperature

55413: No overlay

ControlsAndPanels

GS515Z Series Systems And Panels



Product Descriptions

GS515Z System

Material No.: 55474-01

Control Panel: VL400, VL406T

GS515Z System Specifications

Material No.	Pump 1	Pump 2	Blower	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
55474-01	230V 2 Speed	230V 1 Speed	230V	230V	230V	10V	3.0kW

Note: Circ Pump is not allowed with this system. Please see our Tech Sheets for additional information.

Control Panels Compatible with VS515Z



VL400 Serial Standard Panel

- 4 button with LED Display
- 7.5in wide x 2.3in tall approx.
- 19.05cm wide x 5.84cm tall

Material No.:

55129: Light, Temperature, Jet & Auxiliary
TBD: Blower, Jet, Temperature & Light
55130: No Overlay



VL406T Duplex Digital Panel

- 4 button with LED Display
- 4.3in wide x 1.6in tall approx.
- 10.92cm wide x 4.06cm tall

Material No.:

55349: Jet, Blower, Light, Temperature
55413: No overlay

ControlsAndPanels

GS523DZ Series Systems And Panels



Product Descriptions

GS523DZ System

Control Panel: VL801D, VL802.

Material No.: 54762

GS523DZ System Specifications

Material No.	Pump 1	Pump 2	Pump 3	Blower	AV (Stereo)	Ozone Voltage	Spa Lights	Heater
54762	230V 2 Speed	230V 1 Speed	230V 1 Speed	240V	120V	120V	12V	240V @ 5.5kW

Note: Circ Pump is not allowed with this system. Please see our Tech Sheets for additional information.

Control Panels Compatible with GS523DZ



VL801D Deluxe Digital Panel

- 8 button with LCD Display
- 7.4in wide x 3.3in tall approx.
- 18.8cm wide x 8.38cm tall

Material No.:

- 54108-01: Blower, Jet, Jet, Light, Warm, Cool, Time, Mode/Prog.
- 54128-01: Blower, Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.
- 54142-01: Jet, Auxiliary, Light, Warm, Cool, Time, Mode/Prog.
- 54121-01: No Overlay



VL802D Deluxe Digital Panel

- 8 button with LCD Display
- 10.3in wide x 4.6in tall approx.
- 26.16cm wide x 11.68cm tall

Material No.:

- 54528-02: Light, Blower, Jets, Jets, Warm, Cool, Time, Mode/Prog.
- 54562-01: No Overlay

ControlsAndPanels

GS Systems Expansion Options

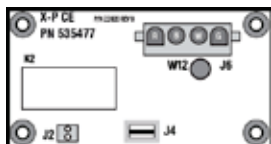
Expansion Options



X-B CE

Material No.: 53311

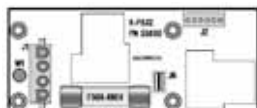
Used for a 1 Speed Blower output only.



X-P CE

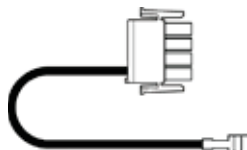
Material No.: 53547

Used for a 1 Speed Pump or Mister output.



X-03 CE

Material No.: 53427



Adapter Wire

Material No.: 25338

X-FOW CE Kit

Material No.: 53976

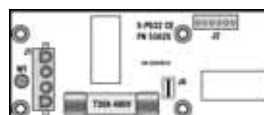
Special setup with X-03 CE and adapter PN 25338 to operate a fiber-optic light and color wheel independently. Required to operate a Circ Pump is installed on Main PCBA at J2.



X-P231 CE

Material No.: 55025

Can replace the X-P CE in cases where branch circuit protection is needed for high amperage devices that would over-burden power input fuse F6 or F7 (4-C) on the main PCBA.



X-P632 CE

Material No.: 55026

Used for a 2 Speed Pump output or for two 1 Speed Pumps. Can also be used for optional setups.



EL/GLSeries

Elite Hot Tub Control Systems

- State of the art design
- Output connectors on the board
- Rigid heater mounting enclosure
- Plastic enclosures available on certain models
- Multi-level diagnostic capabilities and easy installation and serviceability



made in the usa

BALBOA
water group

ControlsAndPanels

EL Series Systems And Panels

Hot Tub Control Systems

The Elite Series (EL) family of hot tub control systems were designed using Balboa's patented M7 temperature and water flow sensing technology and a new universal control platform. These features increase the reliability, ease of installation and serviceability of the control. Innovative features include having output connectors on the board, which eliminates a maze of wires in the enclosure and ultimately reduces assembly time and margin for error.



Features

All controls have the following features:

- Output connectors on the board
- State of the art design
- Rigid heater mounting enclosure
- Cable capture mounting system
- Plastic enclosures available on certain models

Flexible, High Reliability, Feature Rich

The systems have a plastic enclosure to eliminate water intrusion. Connectors are built onto the circuit board minimizing wires and simplifying service. The different models have controls for a single 2-speed pump and or additional blower or pump. All models feature a power supply that is wired to 230V, support multiple topside panels and offer 1, 2 and 3 kW heater.

Spa Wireless Remote



- The Dolphin remote is a waterproof, universal control; it floats on water, has an ergonomic grip & tactile button
- Direct control of volume and channels

Learn more go to pg. 77-78.

ControlsAndPanels

EL1000 Mach 3 And EL1001 Mach 3 Series Systems And Panels



Product Descriptions

EL1000 Mach 3 System Material No.: 54386-04

EL1000 Mach 3 w/800Inc Material No.: 55068-04

EL1001 Mach 3 Material No.: 54388-04

EL1001 Mach 3 w/Pump Material No.: 54396-04

EL1001 Mach 3 w/800Inc Material No.: 55069-04

Control Panel: ML400

See pg. 62 for additional information on the Control Panel.

Note: If Incoloy not in the description then it is 800.

EL1000 Mach 3 and EL1001 Mach 3 System Specifications

Material No.	Pump 1	Pump 2	Blower	AV (Stereo)	Ozone	Spa Lights	Heater
54386-04	240V, 2 Speed	-	-	-	120V	12V	240V @ 5.5kW
55068-04	240V, 2 Speed	-	-	-	120V	12V	240V @ 5.5kW 800 Incoloy Heater
54388-04	240V, 2 Speed	-	240V, 1 Speed	-	120V	12V	240V @ 5.5kW
54396-04	240V, 2 Speed	240V, 1 Speed	-	-	120V	12V	240V @ 5.5kW
55069-04	240V, 2 Speed	-	240V, 1 Speed	-	120V	12V	240V @ 5.5kW 800 Incoloy Heater

Note: Please see our Tech Sheets for additional information.

ControlsAndPanels

EL1000 Mach 3 And EL1001 Mach 3 Series Systems And Panels

Control Panels Compatible with EL1000 Mach 3 and EL1001 Mach 3



ML400 Panel

- 4 button LCD Display
- 7.5in wide x 2.3in tall approx.
- 19.05cm wide x 5.84cm tall

Material No.:

52684: Jet, Aux, Temp/Light

53291: No overlay

ControlsAndPanels

EL2000 Mach 3 And EL2001 Mach 3 Series Systems And Panels



Product Descriptions

EL2000 Mach 3	Material No.: 53884-05
EL2000 Mach 3 w/800Inc	Material No.: 55065-04
EL2001 Mach 3	Material No.: 53882-05
EL2001 Mach 3 w/4.0kW Heater	Material No.: 54464-04
EL2001 Mach 3 w/3.0kW Heater	Material No.: 56002-04
EL2001 Mach 3 w/800Inc	Material No.: 55066-04
EL2001 Mach 3 w/3 Pumps	Material No.: 54478-03
EL2001 Mach 3 w/3 Pumps	Material No.: 55067-03

Control Panel: ML400, ML700, ML900

See pg. 65 for additional information on the Control Panels.

Note: Panel ML400 can used on the EL2000 and EL2001 depending on configurations.
If Incoloy not in the description then it is 800.

ControlsAndPanels

EL2000 Mach 3 And EL2001 Mach 3 Series Systems And Panels

Control Panels Compatible with EL2000 Mach 3 and EL2001 Mach 3 Specifications

Material No.	Circ Pump	Pump 1	Pump 2	Pump3	Blower	Ozone	Spa Lights	AV (Stereo)	Heater
53884-05	240V	240V, 2 Speed	240V, 1 Speed	-	240V	120V	12V	120V	240V @ 5.5kW
55065-04	240V	240V, 2 Speed	240V, 1 Speed	-	240V	120V	12V	120V	240V @ 5.5kW 800 Incoloy Heater
53882-05	240V	240V, 2 Speed	240V, 2 Speed	-	240V	120V	12V	-	240V @ 5.5kW
54464-04	240V	240V, 2 Speed	240V, 2 Speed	-	240V	120V	12V	-	240V @ 4.0kW 800 Incoloy Heater
56002-04	240V	240V, 2 Speed	240V, 2 Speed	-	240V	120V	12V	-	240V @ 3.0kW
55066-04	240V	240V, 2 Speed	240V, 1 Speed	-	240V	120V	12V	120V	240V @ 5.5kW 800 Incoloy Heater
54478-03	240V	240V, 2 Speed	240V, 1 Speed	240V, 1 Speed	240V	120V	12V	120V	240V @ 5.5kW
55067-03	240V	240V, 2 Speed	240V, 1 Speed	240V, 1 Speed	240V	120V	12V	120V	240V @ 5.5kW

Note: Above are evaluation settings only. EL systems can be custom configured by moving dip switches and in some chases wires and/or jumpers. Please see our Tech Sheets for additional information.

ControlsAndPanels

EL2000 Mach 3 And EL2001 Mach 3 Series Systems And Panels

Control Panels Compatible with EL2000 Mach 3 and EL2001 Mach 3



ML400 Panel

- 4 button LCD Display
- 7.5in wide x 2.3in tall approx.
- 19.05cm wide x 5.84cm tall

Material No.:

52684: Jet, Aux, Light, Temp

53291: No overlay



ML700 Clear Panel

Material No.: 52649-01

- 8 button LCD Display
- 9.8in wide x 3.1in tall approx.
- 24.89cm wide x 7.87cm tall

Material No.:

52649-01: Light, Jet 1, Jet 2, Blower, Time, Mode/Prog, Warm, Cool

53567: Light, Jet 1, Jet 2, Jet 3, Time, Mode/Prog, Warm, Cool

52798-01: No overlay



ML900 Panel

- 12 button with LED Display
- 11.7in wide x 3.2in tall approx.
- 27.72cm wide x 8.13cm tall

Material No.:

52654-01: Jet 1, Jet 2, Jet 3, Option, Invert, Fiber, Light, Blower, Time, Mode/Prog, Cool, Warm

54589-01: Jet 1, Jet 2, Jet 3, Jet 4, Invert, Fiber, Light, Blower, Time, Mode/Prog, Cool, Warm

52797-01: No Overlay, gray Frame

ControlsAndPanels

EL8000 Mach 3 Series Systems And Panels



Product Descriptions

EL8000 Mach 3 System

Material No.: 53857-04

EL8000 Mach 3 w/ 800Inc System

Material No.: 55064-04

Control Panel: ML700, ML900

Note: Panel ML700 can be used on the EL8000 depending on configurations. If Incoloy not in the description then it is 800.

EL8000 Mach 3 System Specifications

Material No.	Pump 1	Pump 2	Pump 3	Circ Pump	Blower	AV (Stereo)	Ozone	Spa Lights	Fiber Optic Light & Wheel	Mister	Heater
53857-04	240V 2 Speed	240V 2 Speed	240V 2 Speed	240V	240V 1 Speed	120V	120V	12V	120V	120V	240V @ 5.5kW
55064-04	240V 2 Speed	240V 2 Speed	240V 2 Speed	240V	240V 1 Speed	120V	120V	12V	120V	120V	240V @ 5.5kW 800 Incoloy

Note: EL systems can be custom configured by moving dip switches and in some chases wires and/or jumpers. Circ pump is optional. Please see our Tech Sheets for additional information.

Control Panels Compatible with EL8000 Mach 3



ML700 Clear Panel

Material No.: 52649-01

- 8 button LCD Display
- 9.8in wide x 3.1in tall approx.
- 24.89cm wide x 7.87cm tall

Material No.:

52649-01: Light, Jet 1, Jet 2, Blower, Time, Mode/Prog, Warm, Cool

53567: Light, Jet 1, Jet 2, Jet 3, Time, Mode/Prog, Warm, Cool

52798-01: No overlay



ML900 Panel

- 12 button with LED Display
- 11.7in wide x 3.2in tall approx.
- 27.72cm wide x 8.13cm tall

Material No.:

52654-01: Jet 1, Jet 2, Jet 3, Option, Invert, Fiber, Light, Blower, Time, Mode/Prog, Cool, Warm

54589-01: Jet 1, Jet 2, Jet 3, Jet 4, Invert, Fiber, Light, Blower, Time, Mode/Prog, Cool, Warm

52797-01: No Overlay, gray Frame

ControlsAndPanels

EL Systems Expansion Options

Expansion Options



X-B

Material No.: 53310

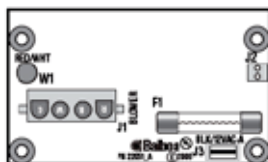
Used for a 1 Speed Blower output only.



X-P

Material No.: 53544

Expansion board used to add a 1-speed pump output



X-TB

Material No.: 55344

Used for a multi-speed Blower (required v29+ software and "bL" set to "2" or "3"). Or can be used for a 1 Speed Blower.



X-Mount P

Material No.: 53933

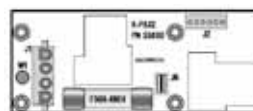
Used for mounting any Expander board into a plastic enclosure (EL2000 and VS Series)



X-P231

Material No.: 53681

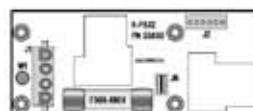
Can replace the X-P in cases where branch circuit protection is ended for high amperage devices that would over-burden power input fuse F5 (1-A) on the main PCBA.



X-P632

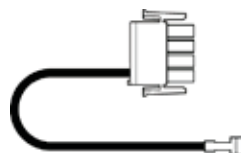
Material No.: 53680

Used for a 2 Speed Pump output or for two 1 Speed Pumps. Can also be used for optional setups.



X-03

Material No.: 53426



VS-P2 Adapter Wire

Material No.: 25339

X-FOW Kit

Material No.: 53912

Special setup with X-03 and adapter PN 25338 to operate a fiber-optic light and color wheel independently. Required to operate a Fiber Optic when a Circ Pump is installed on Main PCBA at J2.

ControlsAndPanels

GL Systems

Hot Tub Control Systems

The Global Series (GL) family of hot tub control systems were designed using Balboa's patented M7 temperature and water flow sensing technology and a new universal control platform. These features increase the reliability, ease of installation and serviceability of the control. Innovative features include having output connectors on the board, which eliminates a maze of wires in the enclosure and ultimately reduces assembly time and margin for error.



Flexible, High Reliability, Feature Rich

The systems have a plastic enclosure to eliminate water intrusion. Connectors are built onto the circuit board minimizing wires and simplifying service. The different models have controls for a single 2-speed pump and/or additional blower or pump. All models feature a power supply that is wired to 230V, support multiple topside panels and offer 1, 2 and 3 kW heater.



Features

All controls have the following features:

- Output connectors on the board
- State of the art design
- CE Approvals
- Rigid heater mounting enclosure
- Cable capture mounting system
- Plastic enclosures available on certain models

Spa Wireless Remote



- The Dolphin remote is a waterproof, universal control; it floats on water, has an ergonomic grip & tactile button
- Direct control of volume and channels

Learn more go to pg. 91-92.

ControlsAndPanels

GL2000 Mach 3 Series Systems And Panels



Product Descriptions

GL2000 Mach 3

Material No.: 53885-04

GL2000 Mach 3 w/800Inc

Material No.: 55048-04

Control Panel: ML400, ML700, ML900

Note: Panel ML400 can be used on the GL2000 depending on configurations.
If Incoloy not in the description then it is 800.

GL2000 Mach 3 System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	Blower	AV (Stereo)	Ozone	Spa Lights	Heater
53885-04	240V, 2 Speed	240V, 1 Speed	230V	230V	230V	230V	10V	3.0kW 800
55048-04	240V, 2 Speed	240V, 1 Speed	230V	230V	230V	230V	10V	3.0kW 800 Incoloy

Note: GL systems can be custom configured by moving dip switches and in some cases wires and/or jumpers. Please see our Tech Sheets for additional information.

Control Panels Compatible with GL2000 Mach 3

ML400 Panel



- 4 button LCD Display
- 7.5in wide x 2.3in tall approx.
- 19.05cm wide x 5.84cm tall

Material No.:

52684: Jet, Aux, Light, Temp

53291: No overlay

ML700 Clear Panel



Material No.: 52649-01

- 8 button LCD Display
- 9.8in wide x 3.1in tall approx.
- 24.89cm wide x 7.87cm tall

Material No.:

52649-01: Light, Jet 1, Jet 2, Blower, Time, Mode/Prog, Warm, Cool

53567: Light, Jet 1, Jet 2, Jet 3, Time, Mode/Prog, Warm, Cool

52798-01: No overlay

ML900 Panel



- 12 button with LED Display
- 11.7in wide x 3.2in tall approx.
- 27.72cm wide x 8.13cm tall

Material No.:

52654-01: Jet 1, Jet 2, Jet 3, Option, Invert, Fiber, Light, Blower, Time, Mode/Prog, Cool, Warm

54589-01: Jet 1, Jet 2, Jet 3, Jet 4, Invert, Fiber, Light, Blower, Time, Mode/Prog, Cool, Warm

52797-01: No Overlay, gray Frame

ControlsAndPanels

GL2001 Mach 3 Series Systems And Panels



Product Descriptions

GL2001 Mach 3

Material No.: 53883-04

GL2001 Mach 3 w/800Inc

Material No.: 55216-03

Control Panel: ML400, ML700, ML900

Note: Panel ML400 can be used on the GL2001 depending on configurations.
If Incoloy not in the description then it is 800.

GL2001 Mach 3 System Specifications

Material No.	Pump 1	Pump 2	Circ Pump	Blower	AV (Stereo)	Ozone	Spa Lights	Heater
53883-04	230V, 2 Speed	230V, 2 Speed	230V	230V	230V	230V	10V	3.0kW
55216-03	230V, 2 Speed	230V, 2 Speed	230V	230V	230V	230V	10V	3.0kW 800 Incoloy

Note: GL systems can be custom configured by moving dip switches and in some chases wires and/or jumpers. Circ pump is optional. Please see our Tech Sheets for additional information.

Control Panels Compatible with GL2000 Mach 3



ML400 Panel

- 4 button LCD Display
- 7.5in wide x 2.3in tall approx.
- 19.05cm wide x 5.84cm tall

Material No.:

52684: Jet, Aux, Light, Temp
53291: No overlay



ML900 Panel

- 12 button with LED Display
- 11.7in wide x 3.2in tall approx.
- 27.72cm wide x 8.13cm tall

Material No.:

52654-01: Jet 1, Jet 2, Jet 3, Option, Invert, Fiber, Light, Blower, Time, Mode/Prog, Cool, Warm
54589-01: Jet 1, Jet 2, Jet 3, Jet 4, Invert, Fiber, Light, Blower, Time, Mode/Prog, Cool, Warm
52797-01: No Overlay, gray Frame



ML700 Clear Panel

Material No.: 52649-01

- 8 button LCD Display
- 9.8in wide x 3.1in tall approx.
- 24.89cm wide x 7.87cm tall

Material No.:

52649-01: Light, Jet 1, Jet 2, Blower, Time, Mode/Prog, Warm, Cool
53567: Light, Jet 1, Jet 2, Jet 3, Time, Mode/Prog, Warm, Cool
52798-01: No overlay

ControlsAndPanels

GL8000 and GL8000 Mach 3 Series Systems And Panels



Product Descriptions

GL8000

Material No.: 56168

GL8000 Mach 3

Material No.: 53859-04

Control Panel: ML700, ML900

GL8000 and GL8000 Mach 3 System Specifications

Material No.	Pump 1	Pump 2	Pump 3	Pump 4	Circ Pump	Blower	AV (Stereo)	Ozone	Spa Lights	Mister	Fiber Optic Light & Wheel	Heater
56168	230V 2 Speed	230V 2 Speed	230V 2 Speed	230V 2 Speed	230V	230V 1 Speed	230V	230V	10V	230V	230V	3.0kW
53859-04	230V 2 Speed	230V 2 Speed	230V 2 Speed	230V 2 Speed	230V	230V 1 Speed	230V	230V	10V	230V	230V	3.0kW

Note: GL systems can be custom configured by moving dip switches and in some chases wires and/or jumpers. For GL8000, Pump 3, Pump 4, Circ Pump, Fiber-Optic or Light 2 are optional. For GL8000 Mach 3, Circ pump and Mister are optional. Please see our Tech Sheets for additional information.

Control Panels Compatible with GL2000 Mach 3



ML700 Clear Panel

Material No.: 52649-01

- 8 button LCD Display
- 9.8in wide x 3.1in tall approx.
- 24.89cm wide x 7.87cm tall

Material No.:

52649-01: Light, Jet 1, Jet 2, Blower, Time, Mode/Prog, Warm, Cool

53567: Light, Jet 1, Jet 2, Jet 3, Time, Mode/Prog, Warm, Cool

52798-01: No overlay



ML900 Panel

- 12 button with LED Display
- 11.7in wide x 3.2in tall approx.
- 27.72cm wide x 8.13cm tall

Material No.:

52654-01: Jet 1, Jet 2, Jet 3, Option, Invert, Fiber, Light, Blower, Time, Mode/Prog, Cool, Warm

54589-01: Jet 1, Jet 2, Jet 3, Jet 4, Invert, Fiber, Light, Blower, Time, Mode/Prog, Cool, Warm

52797-01: No Overlay, gray Frame

3.0kW Heater Assembly M7



3.0kW Heater Assy M7

Material No.: 58061TUV

- w/sensors (GL8000 only)
- Metal box enclosure, 825 Incoloy



3.0kW Heater Assy M7

Material No.: 58143

- w/sensors (GL8000 only)
- Metal box enclosure, 800 Incoloy



3.0kW Heater Assy M7

Material No.: 58107

- w/sensors (GL2000 & GS Series)
- Plastic box enclosure, 825 Incoloy



3.0kW Heater Assy M7

Material No.: 58118

- w/sensors (GL2000 & GS Series)
- Plastic box enclosure, 800 Incoloy

ControlsAndPanels

GL Systems Expansion Options

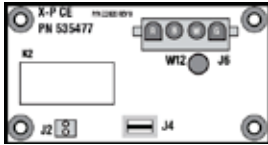
Expansion Options



X-B CE

Material No.: 53311

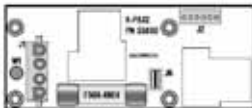
Used for a 1 Speed Blower output only.



X-P CE

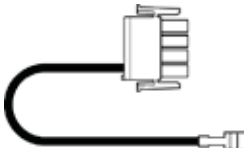
Material No.: 53547

Used for a 1 Speed Pump or Mister output.



X-03 CE

Material No.: 53427



Adapter Wire

Material No.: 25338

X-FOW CE Kit

Material No.: 53976

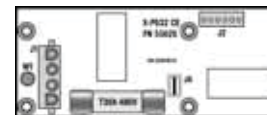
Special setup with X-03 CE and adapter PN 25338 to operate a fiber-optic light and color wheel independently. Required to operate a Circ Pump is installed on Main PCBA at J2.



X-P231 CE

Material No.: 55025

Can replace the X-P CE in cases where branch circuit protection is needed for high amperage devices that would over-burden power input fuse F6 or F7 (4-C) on the main PCBA.



X-P632 CE

Material No.: 55026

Used for a 2 Speed Pump output or for two 1 Speed Pumps. Can also be used for optional setups.

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HeaterSystems

Your Single Source Solution

- Easy to install
- UL approved
- State of the art design
- Simple, inexpensive replacements
- Manufacturing flexibility & easy configuration



Made in the USA

BALBOA
water group

HeaterSystems

Heat Jacket Systems & Auxiliary Heater

Heat Jacket System & Auxiliary Heater



Balboa Heat Jacket System

Material No.: 52973-03

This system is pre-wired with a 15 amp GFCI cord end for 120 volt operation. It is designed exclusively for the Heat Jacket application. Panel 53238 is required.

Features Include:

- Separate heat up/down button on panel
- Standby Mode

This system can operate

- 120V One speed Heat Jacket pump
- 12V/120V Spa light



Balboa Canadian Heat Jacket System

Material No.: 53570-03

- Same as 53973-03, except comes with J&J receptacles



Mini Oval Panel/Heat Jacket

Material No.: 53238



15 AMP GFCI

Material No.: 25101



Heat Jacket Board

Material No.: 53247



Auxiliary Heater

Material No.: 58133

- CE/UL Approved
- Plastic box enclosure
- Includes 3.0kW 800 Incoloy heater assembly with M7 sensors



Auxiliary Heater

Material No.: 55209

- CE/UL Approved
- 4.0kW Heater



Auxiliary Heater

Material No.: 58132

- UL Approved
- 5.5kW Heater



Auxiliary Heater

Material No.: 55918

- UL Approved
- 2.0kW Heater

SystemSizeComparison

Your Single Source Solution



LM8 System

Measurements:

Width 19.12" (48.58cm), Height 15.25" (38.73cm), Depth 4.75" (12.06cm)



Colossus System

Measurements:

Width 13.20" (33.53cm), Height 14.80" (37.59cm), Depth 3.20" (8.13cm)



EL and GL Systems

Measurements:

Width 13" (33cm)
Height 12" (30.48cm)
Depth 5" (12.70cm)



EL8000 and GL8000 System

Measurements:

Width 12.25" (31.11cm)
Height 15.02" (38.15cm)
Depth 3.56" (9.04cm)



VS (NOT VS100), GS and BP Systems

Measurements:

Width 13" (33cm), Height 10.5" (26.67cm), Depth 5" (12.70cm)



Revolution System

Measurements:

Width 19.21" (48.8cm), Height 8.5" (21.60cm), Depth 5.20" (13.50cm)



VS100 System

Measurements:

Width 7.12" (18.08cm), Height 6.12" (15.54cm), Depth 2.39" (6.07cm)

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