



# PUR SPAS Balboa VS300 Spa Control System User Manual

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## Balboa VS300 Spa Control System User Manual

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## Balboa VS300 Spa Control System

### IMPORTANT

This guide is intended for certified electricians only.

It is strongly not recommended to do the conversion if you are not a certified electrician. to do the conversion if you are not a certified electrician.

DON'T HESITATE TO READ THE USER'S MANUAL THAT CAME WITH THE HOT TUB. LOTS OF USEFUL INFORMATION IS INCLUDED.

**CONVERTING A 120V HOT TUB TO 240V: A HOW-TO GUIDE FOR CERTIFIED ELECTRICIANS!**

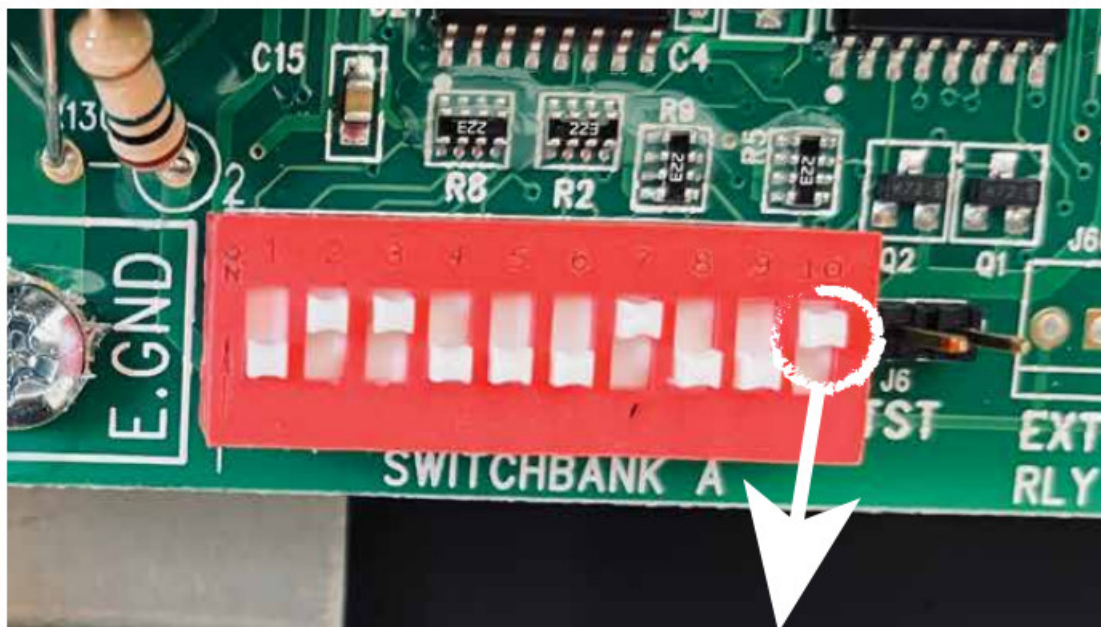
## BALBOA VS300 EQUIPMENT

1. The **electronic box** is located under the keyboard, behind the side panel;
2. **Open the electronic box;**

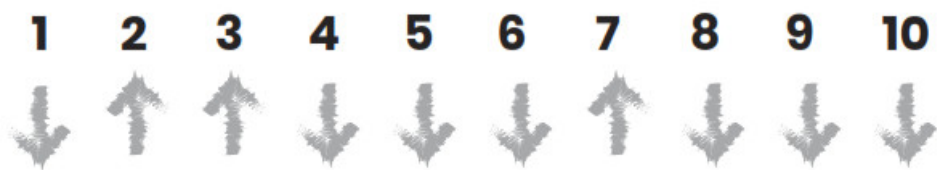


### 3. Change the DIP Switch;

A Turn #10 to the OFF position (down);



MAKE SURE THE SWITCHES ARE IN THE FOLLOWING POSITIONS:





4. Remove the white cable from J11 to J32
5. Connect the necessary cables to the 240 V. See diagram in Annex 1
6. Close the electric box, seal the Thermofoil and close the side panel;
7. Open the hot tub. On the keyboard, start up numbers should be 100, 59, 41, 24. If not, the spa is not on 240 V

**IMPORTANT** You must use a 40 amp GFCI when on 240V. For 120V use, a GFCI directly into the wire is provided and must only be plugged into a dedicated 15 amp hot tub outlet.

**DON'T FORGET...**

Remove the white cable that joins J11 to J32 – Otherwise, there is a risk of burning out the fuse or damaging the electronic board.	On the DIP switch, set position 10 down – Otherwise, the hot tub will continue to heat as if it were on 120V.
Do not connect anything in the J1 zone when on the 240V – Otherwise, risk of overheating of the pump.	Install 3 wire stands – If the electrician uses 2 wire stands, the spa will continue to operate on 120V.

## OZONE GENERATOR INSTALLATION

If you plan to install an ozone generator on the spa, install one that is a 120V. It will only operate during filter cycles. Please note, if you install an LX56 4.0hp pump, the cord on this pump may be too short to reach the spa pack, depending upon the spa model. You may need to remove and use the cord from the original pump.

## BALBOA ELECTRICAL BOX DIAGRAM

### ANNEX 1



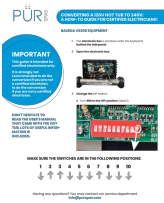



2. If the spa is located within 50' from the wall outlet: a grounded 8 AWG/3 wire
- Don't forget, we recommend using a certified electrician to install your GFCI breaker and to connect your spa to your house electrical panel. If your spa only runs on a 220V electrical circuit, no conversion is needed for the spa pack.
- If your spa is convertible from 110V to 220V, you will find instructions to convert the spa pack on the inside of the spa pack cover.



Having any questions? You may contact our service department  
[info@purspas.com](mailto:info@purspas.com)

Documents / Resources

	<p><a href="#">PUR SPAS Balboa VS300 Spa Control System</a> [pdf] User Manual Balboa VS300 Spa Control System, Balboa VS300, Spa Control System, Control System</p>
	<p><a href="#">PUR SPAS Balboa VS300 Spa Control System</a> [pdf] User Manual Balboa VS300 Spa Control System, Balboa VS300, Spa Control System, Control System</p>