

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

GECKO EQUIPMENT

IMPORTANT

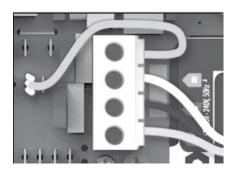
This guide is intended for certified electricians only.

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.

- The electronic box is located under the keyboard, behind the side panel;
- 2 Open the electric box;



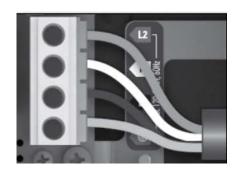
3 Locate the terminal at the main power input.



A Disconnect the cable at positions N, L1 and G from the 120 V;



B Remove the brown wire at position L2 from the terminal at the main power input;



Connect the necessary cables to the 240V. See diagram in Annex 1 and information on wire in Annex 2:



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- 4 Close the electronic box, seal the Thermofoil and close the side panel;
- 5 Open the hot tub;
- On the keypad, press the "light" button for 30 seconds or until the code "b" appears;



7 With the **up arrow**, click until number **32** so you have **b32** on the keyboard:







8 Press the "light" button one last time to confirm.



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.

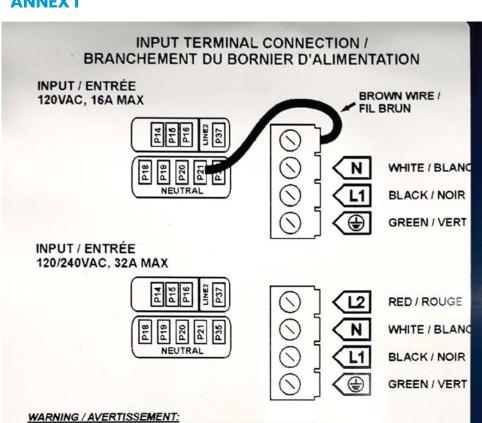
DON'T HESITATE

TO READ THE USER'S MANUAL THAT CAME WITH THE HOT TUB. LOTS OF USEFUL INFORMATION IS INCLUDED.



GECKO ELECTRICAL BOX DIAGRAM

ANNEX 1



BROWN WIRE BETWEEN L2 AND P21 MUST BE REMOVED / LE FIL BRUN ENTRE L2 ET P21 DOIT ÊTRE ENLEVÉ.

OUTPUTS CONNECTION TABLE / TABLEAU DE BRANCHEMENT DES SORTIES

OUTPUT / SORTIE *	RED/ ROUGE	BLACK / NOIR	WHITE / BLANC 120V	WHITE / BLANC 240V	GREEN .
PUMP / POMPE	K7-P	K6-P	P19	P15	P28
03, CP / 03, P. CIRC.		P23, P39	P35	P37	P30
DIRECT		P25	P18	P14	P27

OUTPUTS DEFAULT CONFIGURATION. MAY CHANGE DEPENDING ON CUSTOMER'S CONFIGURATION. / CONFIGURATION DES SORTIES PAR DÉFAUT. PEUT VARIER SELON LA CONFIGURATION DU CLIENT.

KINETIC PROTECTION / PROTECTION CINÉTIQUE

ACTIVATED / ACTIVÉE	JUMPER / CAVALIER J1: INSTALLED / INSTALLE
NON-ACTIVATED / NON ACTIVÉE	JUMPER / CAVALIER J1: REMOVED / ENLEVE



INFORMATION ON WIRE

ANNEX 2

If you plan to operate your spa using a 220V electrical supply, you will be required to install a **220V 40A (minimum) GFCI breaker**.

You have to connect your spa to this **GFCI breaker** and your home **electrical panel**.

WHICH WIRE TO USE?

- 1 If the spa is more than 50' from the wall outlet: a grounded 6 AWG/3 wire
- 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.





