

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

GECKO EQUIPMENT

This guide is intended for **certified electricians only**.

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

- 1 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;



- c) **Connect the necessary cables** to the 240V.
See diagram in Annex 1 and information on wire in Annex 2;





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

GECKO EQUIPMENT

4 Close the electronic box, **seal the Thermofoil** and **close the side panel**;

5 **Open the hot tub**;

6 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**.



Don't hesitate to read the user's manual that came with the hot tub. Lots of useful information is included.

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**.

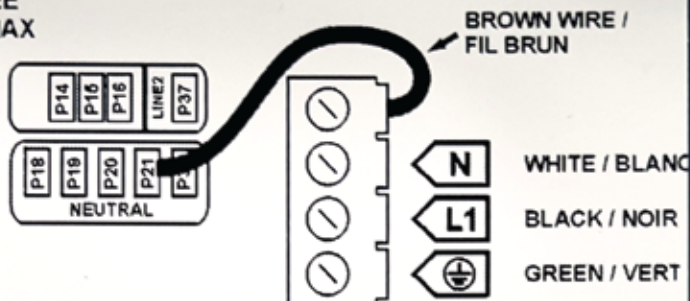
For any questions, please contact our service department:

1 866 995-8646, ext 226 or 227

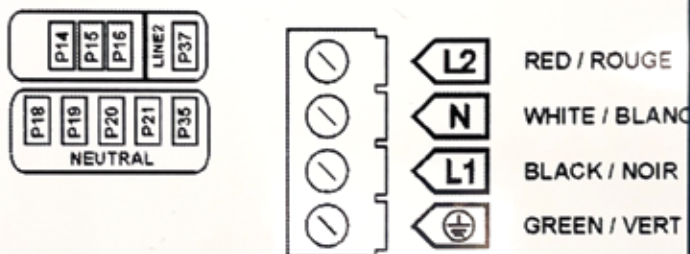
GECKO ELECTRICAL BOX DIAGRAM

INPUT TERMINAL CONNECTION / BRANCHEMENT DU BORNIER D'ALIMENTATION

INPUT / ENTRÉE
120VAC, 16A MAX



INPUT / ENTRÉE
120/240VAC, 32A MAX



WARNING / AVERTISSEMENT:

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 / VERT
PUMP / POMPE	K7-P	K6-P	P19	P15	P28
O3, CP / O3, 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 / INSTALLÉ
NON-ACTIVATED / NON ACTIVÉE	JUMPER / CAVALIER J1: REMOVED / ENLEVÉ

For any questions, please contact our service department:

1 866 995-8646, ext 226 or 227

INFORMATION ON WIRE

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**
- 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.



For any questions, please contact our service department:

1 866 995-8646, ext 226 or 227