

PROPER PLACEMENT OF YOUR HOT TUB

It is extremely important that the base on which the hot tub is placed is smooth, level, and can uniformly support the complete weight without settling or shifting. If these requirements are not met, possible damage to your cabinet or tub shell may result. Damage caused by improper support is not covered under warranty. It is the responsibility of the hot tub owner to meet these requirements and to assure the integrity of the hot tub support at all times.

We recommend a reinforced poured concrete slab that has a minimum thickness of 4 inches (10cm).

If a wood deck is used, construction must comply with all local building codes.

Proper drainage around the hot tub is necessary to allow overflow, rain and other casual water to drain away from the hot tub so the equipment area does not get flooded and cause problems. Failure to do so will void warranty.

ELECTRICAL INSTALLATION INSTRUCTIONS

Important Notice: The electrical installation of this tub must meet the requirements of all applicable country, state and local codes. The electrical installation must be performed by a qualified electrician and be approved by the local building/electrical inspection authority.

WARNING: DO NOT CONNECT ELECTRICAL UNTIL TUB IS FILLED COMPLETELY WITH WATER!

230V/240V Service

1. NO PLUG-IN CONNECTIONS OR EXTENSION CORDS ARE TO BE USED IN CONJUNCTION WITH THE OPERATION OF THIS TUB. All wiring must be permanently connected (hard wired) to the equipment pack. Power supply that is not in accordance with these instructions will void warranty.
2. This tub requires that the power supply be on a dedicated circuit with no other electrical appliances or lights sharing the circuit that is providing power to the hot tub.
3. Do not use aluminum wiring. ALL WIRING MUST BE COPPER.

ELECTRICAL INSTALLATION INSTRUCTIONS continued

4. A suitable ground fault circuit interrupter (GFCI) as required by the local building/electrical inspection authority, must be included in the electrical circuit supplied to the hot tub.
5. Proper wire size must be used in accordance to the local building/electrical inspection authority.
6. All wires must be securely hooked up or damage could result. **TIGHTEN SECURELY!**

WARNING: DO NOT CONNECT ELECTRICAL UNTIL TUB IS FILLED COMPLETELY WITH WATER!

120V Service

1. This tub requires that the power supply be on a dedicated circuit with no other electrical appliances or lights sharing the circuit that is providing power to the hot tub.
2. Do not use aluminum wiring. **ALL WIRING MUST BE COPPER.**
3. A suitable ground fault circuit interrupter (GFCI) as required by the local building/electrical inspection authority, must be included in the electrical circuit supplied to the hot tub.
4. Proper wire size must be used in accordance by the local building/electrical inspection authority.

WARNING: DO NOT CONNECT ELECTRICAL UNTIL TUB IS FILLED COMPLETELY WITH WATER!

Pin Jumpers

Convertible Tubs (Americas Only – Sport, Insider, Crown II, Warrior XL and Escape)

To convert the Hot Tub from 120 volt to 240 volt, please move jumper 1 from Position 2 into Position 1 (HC Mode). Jumper 1 on the PC Board is used to limit the current draw when connected to 120 volts.

Position 1 (HC Mode):

The system allows the heater to turn on when the pump is on high speed.

Position 2 (LC Mode) – Mandatory for 120 volt systems: The system will not turn the heater on when the pump is on high

speed. The "Heater On" indicator will flash on the display to show there is a call for heat, but that the heater is not allowed to start.

See picture below for locating jumpers.

NOTE: The Rendezvous, Escape Premium, Crown and Crown XL are 240 volts only and can not be converted to 120 volts.

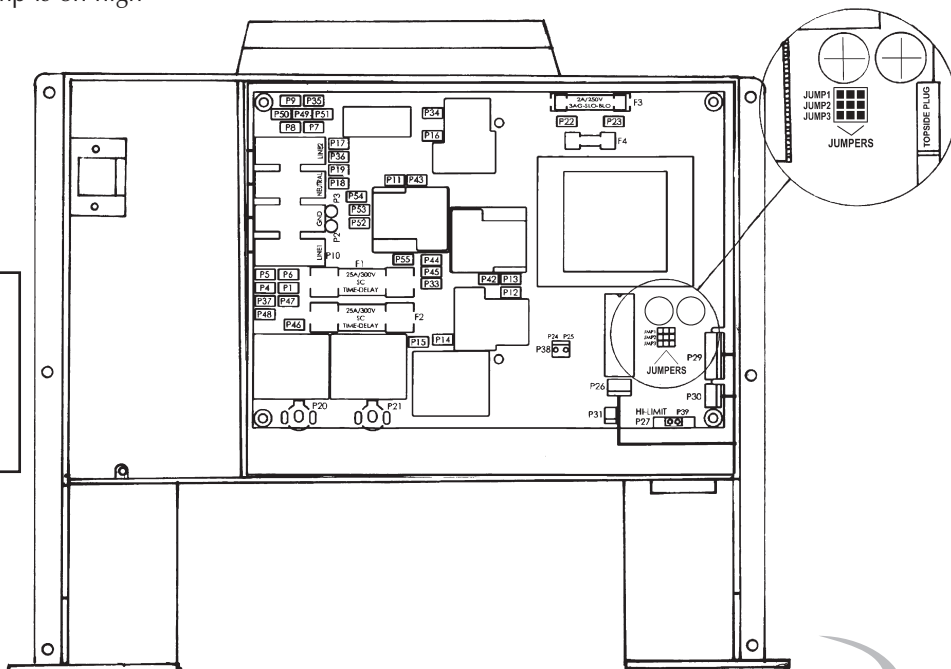
Impulse tubs are 120 volt only and cannot be converted to 240 volts.

All European (CE) tubs are 230 volt only and the above does not apply.

Move Top Pin Jumper Only when converting from 120v to 240v.

JUMPER SETTINGS

JUMP1		– HC MODE		– MODE
JUMP2		– °F UNITS		– UNITS
JUMP3		– SINGLE PUMP		– AL PUMP



POWER REQUIREMENTS

Your Hot Tub is designed to provide optimum performance when connected to the maximum electrical service. The listing below will show the various options and performance levels available on your hot tub.

A new GFCI must be used for your Hot Tub installation. Do not use an existing breaker (GFCI), as its condition is unknown.

	Escape, Escape R Sport, Crown II, Warrior XL	Bella, Impulse, Impulse DP	Escape Premium, CrownXL, Rendezvous Royal
AMERICAS 60Hz	120v/240v	120v	240v
Circuit Breaker	20A/50A	15A	50A
Number of Wires	3/4	3	4

Escape,
Sport, Crown II
Impulse, CrownXL

Escape
Premium,
Rendezvous Royal

EUROPE 50Hz	230v	230v
Circuit Breaker	16A	32A
Number of Wires	3	3

On all systems, your Hot Tub must be connected to a dedicated circuit breaker that is not shared with any other equipment.

DO NOT USE EXTENSION CORDS OF ANY KIND.

START-UP INSTRUCTIONS

- Clean tub of all debris.
- Use a garden hose to fill your hot tub through the empty filter canister (to avoid air pockets during filling) to the appropriate level of a minimum 2 inches (5.08cm) over the filter skimmer.
- DO NOT USE WATER THROUGH A WATER SOFTNER.**
- Locate the shut-off T-valves. Make sure they are in the up or open position. (See page 8)
- Check heater and pump unions. Occasionally during shipping these become loosened. A simple tightening of these (if necessary) will do, being careful not to over tighten. (See page 8)
- Once water has reached correct level, turn power on to the hot tub.
- To activate jets and to purge air from the pump, press/push jet button located on the top side control. A second press/push will put the pump on high speed. Repeat this process until water flows from the jets. When the jets are working, set the pump to low speed. (See page 25)
- Some start-up chemicals will be needed; please see your dealer for recommendations.
- Set the temperature located on the top side control (See page 24) to the desired setting. The heater will shut off when the water temperature reaches the set temperature.
- Place the hot tub cover on tub. Keeping the cover on the hot tub when the tub is not in use will help minimize operating costs.
- The time it will take for the water temperature to reach the desired setting will vary.