

ELECTRICAL REQUIREMENTS

For Your Licensed Electrician

Including 2024 Canadian Electrical Code Updates



Please provide this document to your licensed electrician before your hot tub delivery. All electrical work must be completed and inspected before the spa can be connected and operated.

DEDICATED CIRCUIT

- **Voltage:** 240V dedicated circuit with GFCI breaker protection
- **Amperage:** 40A or 60A depending on model (confirm with Legacy Spas before installation)
- **Circuit:** Must be a dedicated circuit — no other appliances or outlets on the same breaker
- **Note:** Some compact models may operate on 120V / 15A dedicated circuit

DISCONNECT REQUIREMENTS (CEC Rule 68-072)

- Must be located outside the dwelling unit
- Must be readily accessible and lockable when not in sight of the spa
- Must not be within 1.5 metres of the hot tub or spa
- If installed between 1.5 to 3 metres from the hot tub, it must be GFCI protected or behind a permanent barrier to the water
- Must be installed in a weatherproof outdoor-rated enclosure

BONDING RING (CEC Rule 68-058 3c) — NEW 2024 REQUIREMENT

When a hot tub is placed directly on the ground or on a concrete pad, a copper bonding ring must now be installed around the hot tub. Cement pads or blocks alone are no longer deemed sufficient for separation from the ground.

- 6 AWG bare copper wire installed in the ground or embedded in the concrete pad
- Ring must be 450–600 mm from the hot tub perimeter
- Must be buried 100–150 mm deep
- Must run back to the electrical panel as a separate bonding path

NON-CONDUCTIVE SEPARATION (CEC Rule 68-058 3c)

If a copper bonding ring is not possible and access to the hot tub is from a conductive surface, a non-conductive barrier must be installed within 1.5 metres of the hot tub to isolate people from the electrical potential of the ground.

- Acceptable materials: rubber matting, wood, plastic, wood-plastic composites, fibreglass
- Must extend 1.5 metres out from the hot tub on all accessible sides
- Approved options include: plywood, small deck platform, rubber horse mats, interlocking plastic deck tiles

Note: When replacing a hot tub on an existing concrete pad with one of the same characteristics, the bonding ring requirement may not apply. However, a non-conductive surface is still recommended for safety. Consult your local authority.

Questions about electrical requirements for your specific model?

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