

PREPARING A PROPER FOUNDATION

Just like the spa foundation, the COVANA also requires a solid foundation. The area that the COVANA sits on must be able to support at least 600lbs (300kg) and must be level.

Note: Damage caused by inadequate or improper foundation support is not covered by the COVANA warranty. It is the responsibility of the owner to provide proper foundation.

Foundation recommendation:

1. Engineered wood deck
2. Concrete Pad - 4" (100mm) thickness
3. Each of the 4 posts on the Covana must be properly anchored to the foundation using at least one of the pre-drilled holes located on the foot of each post.
 - Use a 1/4" (6mm) concrete anchor for concrete pads or a 1/4" (6mm) lag bolt for wood foundations a minimum of 1-1/4" (30mm) long

COVANA ELECTRICAL REQUIREMENTS

1. The COVANA requires a dedicated 115V (230V*) permanently connected (hard wired) power supply.
2. The COVANA motor has a dedicated connection for 115V (230V*), please see enclosed connection diagram.
3. The COVANA must be installed in accordance to and comply to any local codes and regulations. All wiring should be installed by a qualified electrician
4. Wire and conduit should be sized as per local codes and regulations.

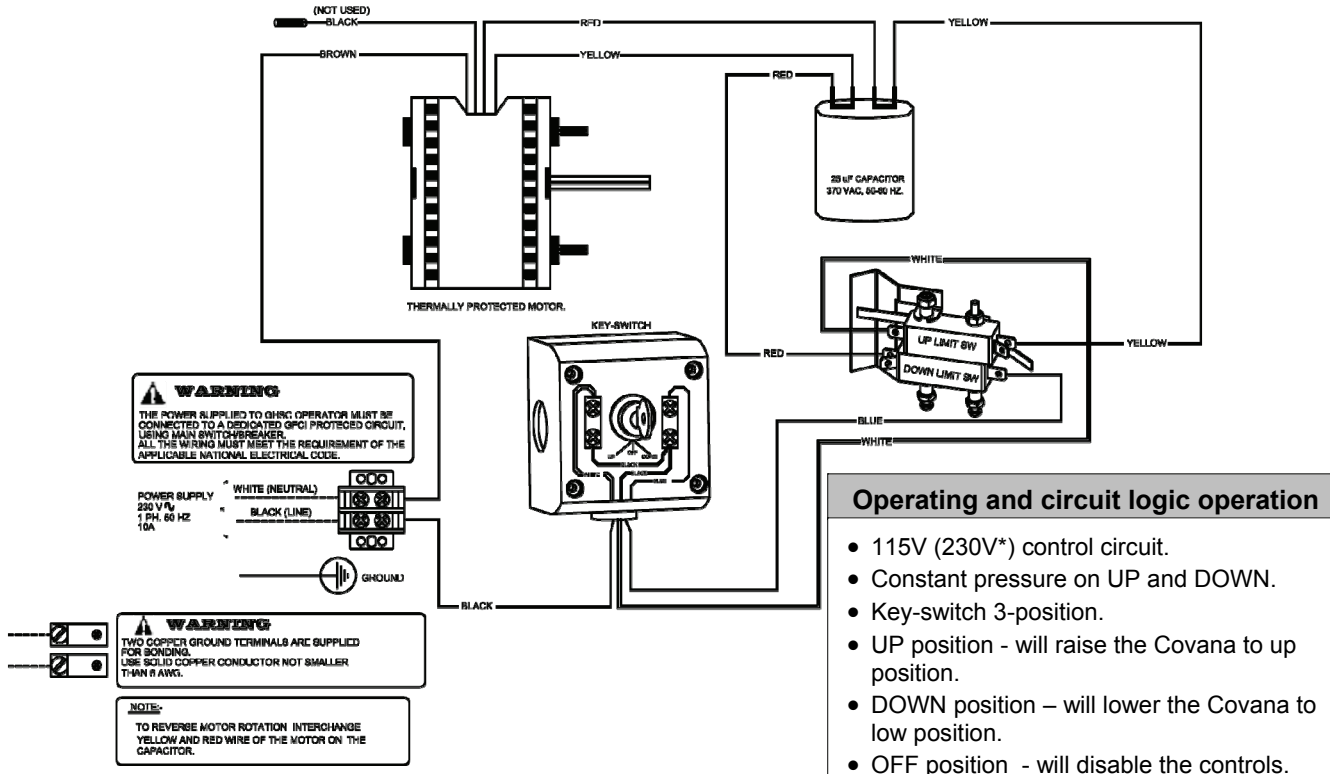
The electrical circuit for the COVANA **must include a suitable ground fault interrupter (GFCI)** as required to comply to codes and regulations.

Required Voltage:	115V (230V*) (1 hot, 1 neutral, 1 ground)
Required GFCI Breaker:	15A (10A*) single-pole GFCI breaker, not included
Max COVANA current draw:	12 (6*) Amps

* For European customers only.

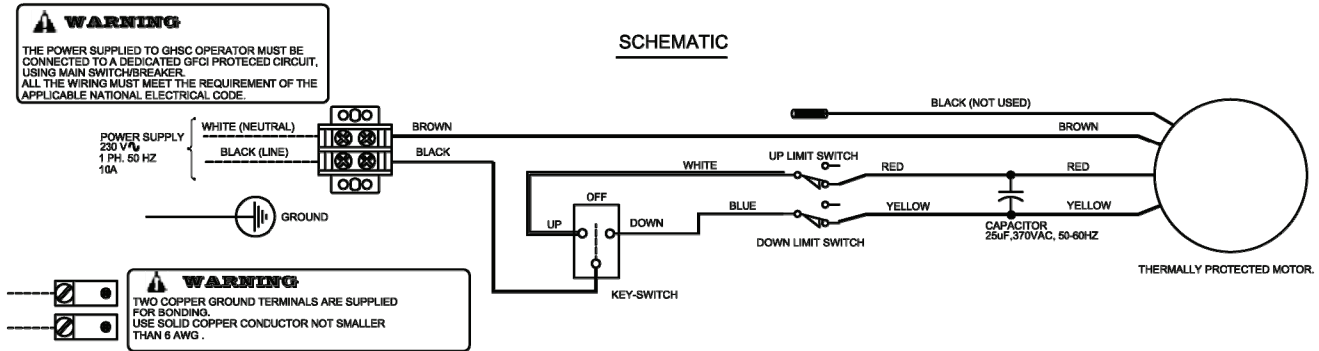
WIRING & SCHEMATIC REFERENCE DIAGRAM

WIRING



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SCHEMATIC



The control circuit operates at 115V (230V*). Due to the resistance in the wire used to carry the control circuit voltage, it is important to use the appropriate wire size between the operator and the main power supply. If wire gage is not suitable for the distance, problems in operator will be encountered such as motor humming, premature wear of the limit switches' contacts and possible tripping of the motor's thermal protection. All power wiring should be installed by a qualified electrician and may vary with respect to conduit size and type, allowing 5% volt drop, and comply to any local codes and regulations. Power must be connected in accordance with local electricity codes.