HCC - Connecting AC Power

Connecting the controller to primary AC power should be done by a licensed electrician following all local codes. Install in approved conduit and fittings. The controller can operate with either 120VAC or 230VAC power. Supply wires must be 14AWG/ 2 mm^2 or larger.

IMPORTANT: If you are using the plug-in method, the wiring is exactly the same but you will require an outlet. The plug referred to as a Pigtail (three wires including neutral, hot, and ground) can be purchased at most hardware outlets or a Hunter Authorized Dealer [1] (P/N: PIGTAIL).

REMOVE FACEPACK

1. Turn AC power off at the source, and verify that it is off.
2. Disconnect the facepack ribbon cable
3. Remove the facepack.
4. Remove the cover from the junction box.

WIRING

1. Strip about 0.5” (13 mm) of insulation from the end of each AC power wire.
2. Route the wires through the conduit opening inside the junction box.
3. Connect the incoming black power wire (**HOT**) with the black wire lead from the transformer.
4. Connect the incoming white wire (**NEUTRAL**) with the blue lead from the transformer.
5. Connect the incoming green wire (**GROUND**) with the green and yellow wire from the transformer.
6. Cap the unused brown wire coming from the transformer. Replace the cover of the junction box and screw it into place.
7. Replace cover, turn on the power, and test.

EARTH GROUND CONNECTION (LIGHTNING PROTECTION)

1. Insert the copper wire from earth ground hardware, and tighten the screw in front.
2. Minimum 10 AWG/5mm^2 wire to earth ground hardware.
3. Add copper-clad steel ground rods and/or plates sufficient to achieve 10Ω or less resistance at a minimum 8’/2.5 m away from the controller.