Quick Reference Wiring - 1 Phase Buck and Boost Transformer

REQUIRED VOLTAGE: 230 VAC 1 Phase 30 Amps

• 041322-R00

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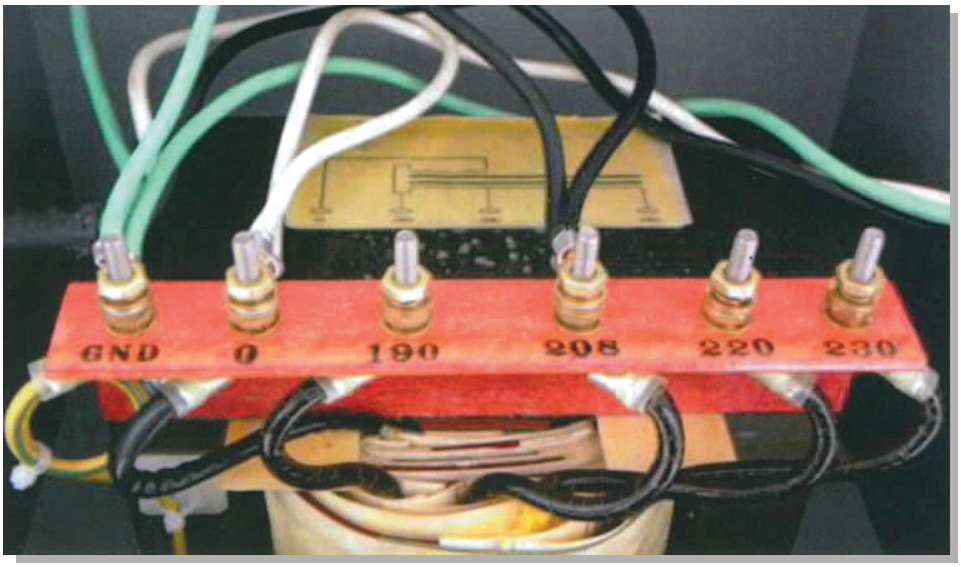

Yellow marked wires from customer's electrical service.
Blue marked wires provide 230VAC to the refrigeration unit.

- Take a voltage reading at the main power source.
- If the voltage is less than 230 volts, utilize the buck and boost transformer.
- Open the hinged cover on the transformer.
- Measure with a volt meter, set to read AC volts on the 600 volt scale, between the 0 lug on the transformer wire and the other terminals.
- Note which terminal is at 230 volts. **TURN OFF POWER AT THE SOURCE**
- Connect the black wire coming from the power source to the terminal measuring closest to the incoming voltage. Move the black wire that goes to the refrigeration unit to the terminal that measured closest to or at 230 VAC.
- **DO NOT ALLOW VOLTAGE TO EXCEED 240VAC**
- Check that all nuts are tight and secure. Loose connections can cause a variety of problems that at first may not seem power related.
- Take voltage readings to confirm that the voltage is now at the desired level.

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