



HOSHIZAKI AMERICA, INC.

SERVICE BULLETIN

SB20-0004

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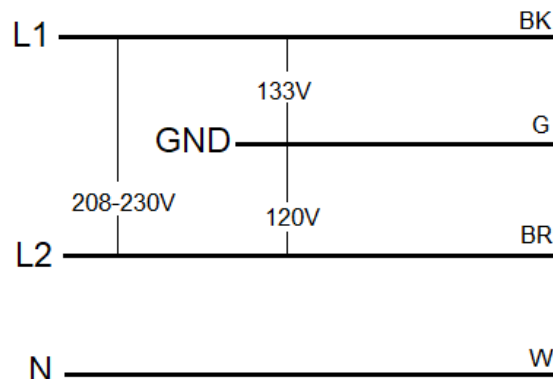
Subject: Electrical connections when a high leg is present.
(This bulletin replaces SB88-0002 & SB91-0004R)

When measuring the incoming power supply between line voltage and neutral or ground, it is possible to find one leg of power significantly higher than the other leg. This is commonly referred to as the "high leg", or the "wild leg".

If a "high" or "wild" leg is present on a 208-230VAC power source, always connect this leg to the power lead feeding the common winding of the compressor. If this leg were incorrectly connected to the lead feeding the control voltage transformer, overvoltage to the control board could result in a high voltage alarm (7 Beep). Proper connection of the "high leg" will insure against nuisance high voltage alarms and avoid possible component damage.

In the sample diagram shown below, line 1 measures significantly higher voltage to ground than Line 2. This line is correctly connected to the black wire power connection on the ice machine and should lead to the common terminal on the compressor.

Refer to the specific machine wiring diagram to confirm the proper wire color for the common winding of the compressor.



If you have any questions concerning this change, please contact the Technical Support Department at tech-support@hoshizaki.com or 1-800-233-1940.