



HOSHIZAKI AMERICA, INC.

SERVICE BULLETIN

SB25-0009R1

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Subject: Center tap transformer for 115 VAC components

(This service bulletin replaces SB91-0005, SB94-0009, SB03-0008, SB23-0002)

Hoshizaki uses 115VAC components in all our ice makers. Therefore, some of our models require a dedicated neutral wire to be provided in the incoming power supply.

However, all three phase models and some single-phase models incorporate a center tap transformer inside the unit which allows them to be installed without the need for a dedicated neutral. See list below for the single-phase units that have this center tap transformer included. Hoshizaki uses 115VAC components in all our ice makers.

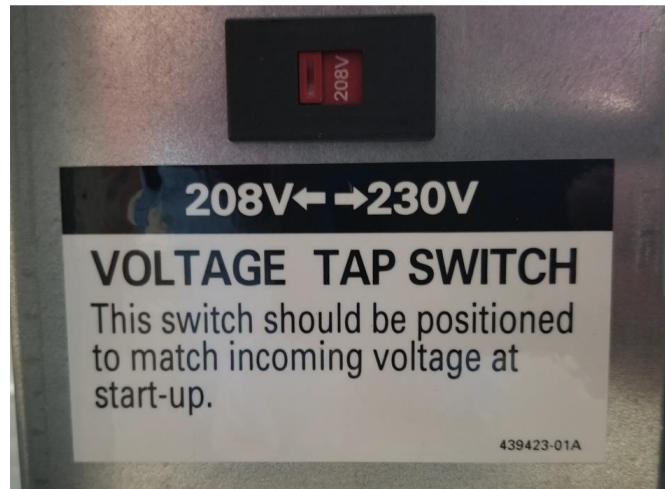
Therefore, some of our models require a dedicated neutral wire to be provided in the incoming power supply. Additional information can be found on SB13-0015R6.

MODEL	SERIAL NUMBER	PHASE
KMD-860MAJ	All	Single
KMD-860MRJZ	All	Single
KMD-860MWJ	All	Single
KM-901MWJ	All	Single
KM-901MAJ	All	Single
KM-901MRJZ	All	Single
KM-1100MRJZ	All	Single
KM-1100MWJ	All	Single
KM-1100MAJ	All	Single
KM-1301SWJ	All	Single
KM-1301SRJZ	All	Single
KM-1301SAJ	All	Single

Caution: As with all equipment it is important to follow all installation instructions. After inspecting transformers that have been returned under warranty, we are finding several of them damaged during the installation process.

NOTE: It is extremely important that the incoming power supply matches what is required for the unit you are installing. No neutral wire should be supplied to units that use the center tap transformer.

Almost all these failures are occurring on remote units, so it appears that an external neutral is being introduced to the remote circuit or that the remote condenser wires are being damaged/grounded when pulled to the condenser. Remember the power supply for the condenser should run directly from the ice machine with no additional circuits being connected.



When installing a unit that includes a center tap transformer, it is important that the voltage tap switch be moved to the correct voltage based on the voltage being supplied to the unit, either 208 or 230.

Please ensure that all servicing procedures adhere strictly to these guidelines to maintain compliance and ensure the safety and reliability of Hoshizaki products.

If you have any questions, please contact Hoshizaki Technical Support at 1-800-233-1940, or at email: tech-support@hoshizaki.com