



# HOSHIZAKI AMERICA, INC.

## SERVICE BULLETIN

SB13-0005

April, 4 2013

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### SUBJECT: SHIPBOARD INSTALLATION

***Note: This Bulletin supersedes SB88-0005***

This Service Bulletin will cover information and the criteria that need to be met for installing Hoshizaki units aboard Boats or Ships. Before a commitment is made to install a Hoshizaki Ice Machine aboard a ship the following conditions should be recognized and addressed in order to insure the proper operation of the Ice Machine.

1. Will the voltage supply fluctuate more than 10%?
2. Will there be frequent power supply interruptions.
3. Does the vessel have adequate potable water supply and pressure?
4. Use of non-potable water in condenser.
5. In conditions of rough weather the unit may not operate correctly due to pitch and roll of vessel.
6. Air cooled condenser models do not have protective coating on the condenser and should be protected from salt water spray which would corrode the condenser coil.
7. Ability to secure the ice maker to avoiding tipping or falling over.

Note: Certain DCM models have Seismic wall mount kits that maybe useful when installing ice machines aboard ships. Leg 4A2091-01 includes pre drilled holes that can be used for securing the storage bin to the floor.

Hoshizaki also has two marine model units the KML-700MWH-M and KM-1400SWH-M(1&3 Phase). These units have included "Cupro-Nickel Marine Condensers". These condensers have good erosion resistance and tolerate higher flow rate than standard copper and copper condensers. These condensers usually have a longer life expectancy in comparison to other condensers and can also be used with salt water for cooling, reducing the amount of potable water used by the ice maker. These marine models also have stainless steel interior and exteriors to reduce corrosion in this harsh environment.

If you have any questions concerning the shipboard installation of Hoshizaki ice machines please contact Technical Support at 1-800-233-1940.