



# HOSHIZAKI AMERICA, INC.

## SERVICE BULLETIN

SB24-0010

August 29, 2024

Page 1 of 2

### **Subject: KM Freeze Up Detection**

The purpose of this service bulletin is to provide information pertaining to the KM models with the K+ control board and FUD programming.

Beginning 9/1/2024, KM ice machines with the following model numbers have changed to the K+ control board and the FUD program.

KML-325MAJ, MWJ  
KMD-355MAJ, MWJ  
KMD-505MAJ, MWJ, MRJZ  
KM-520MAJ, MAJ-E, MRJ, MRJZ, MWJ  
KM-660MAJ, MAJ-E, MAJ-L, MRJ, MRJ-L, MRJZ, MWJ,  
KMD-705MAJ, MWJ, MRJZ  
KM-901MAJ, MRJZ, MRJZ3, MWJ  
KM-1100MRJZ, MWJ

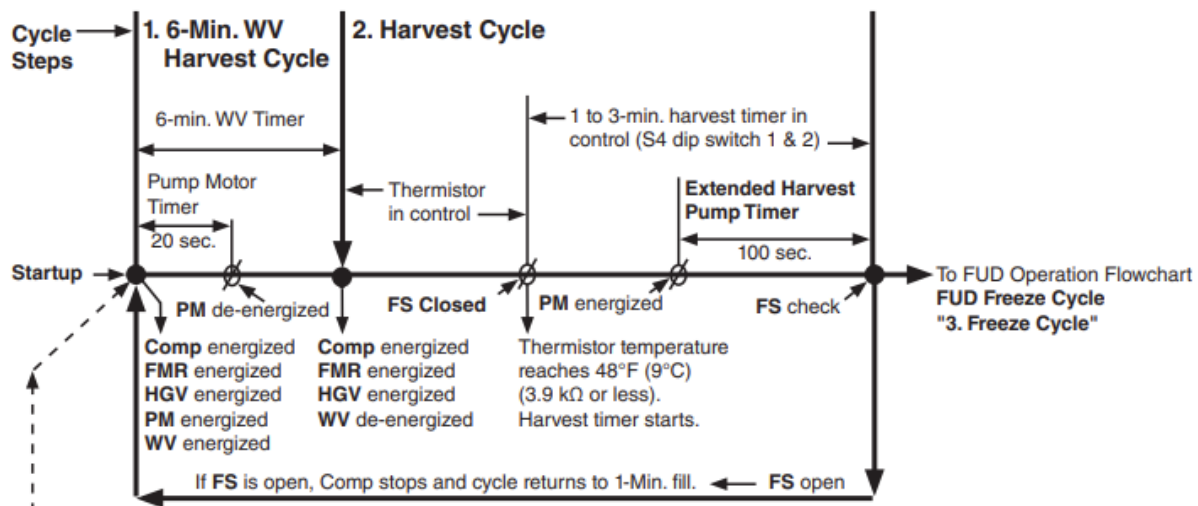
Freeze Up Detection: designed to detect and correct early stages of freeze ups.

FUD initiates when the time for the thermistor to reach 35°F after Freeze Cycle starts is less than 30 sec. or 90 sec. on the 2nd freeze cycle after startup.

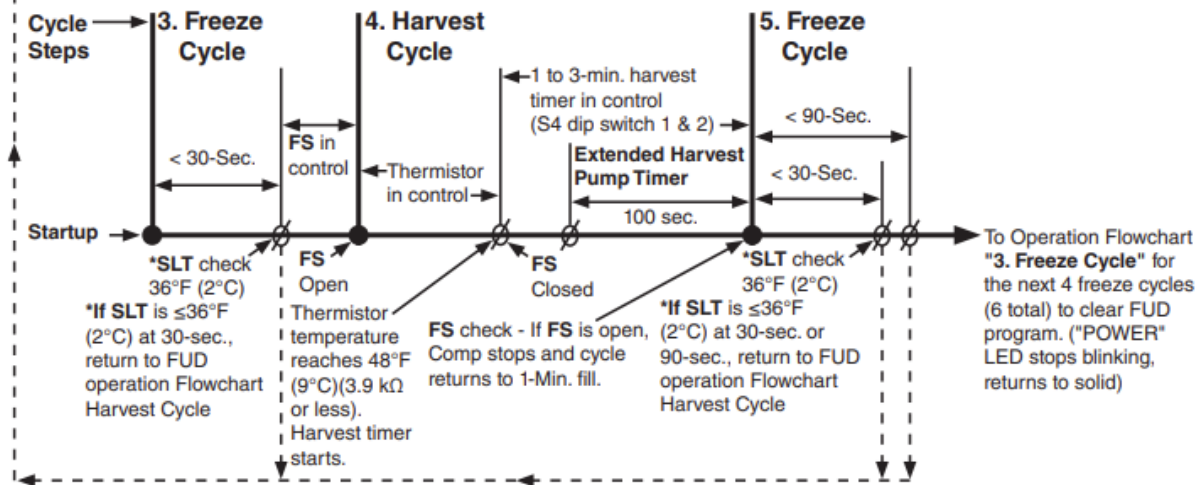
FUD will not turn off machine operation or initiate the alarm, however, the LED power light will indicate FUD by blinking

Please refer to <https://www.hoshizakiamerica.com/manuals/> for current information.

## FUD Operation Flow Chart Harvest Cycle



## FUD Freeze Cycle



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