



# Ice Machine Cleaning & Sanitizing

HOSHIZAKI

KMS-830MLH

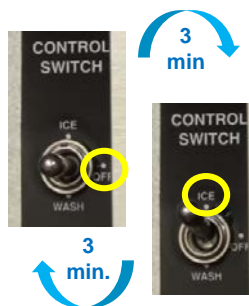


The ice maker must be cleaned & sanitized at least once a year.

## Cleaning Prep:

- 1 Remove the **Front Panel**, move the control switch to **OFF**. After 3 min., move the switch to **ICE**, then replace the panel.
- 2 After 3 min., remove the **Front Panel**, move the switch to **OFF**.
- 3 Remove all ice from the ice storage bin and/or dispenser.

**⚠ WARNING! IF ON DISPENSER**, turn off the dispenser power supply after dispensing all the leftover ice.



**⚠ WARNING!**  
DO NOT leave icemaker unattended when panels are off

## Sanitizing:

- Fill the water tank 17
- **CLOSE** the cleaning valve
- Move control switch to ICE, replace the front panel
- After 3 minutes, remove the front panel
- Move control switch to OFF

- Remove the top, left, and insulation panels 18
- Pour **.78 fl. oz (23 ml)** of chlorine bleach\* into the water tank
- Replace the top, left, and insulation panels
- **OPEN** the cleaning valve

\* Use bleach without additives. Additives cause excessive foaming, and reduces effectiveness of the cleaning.

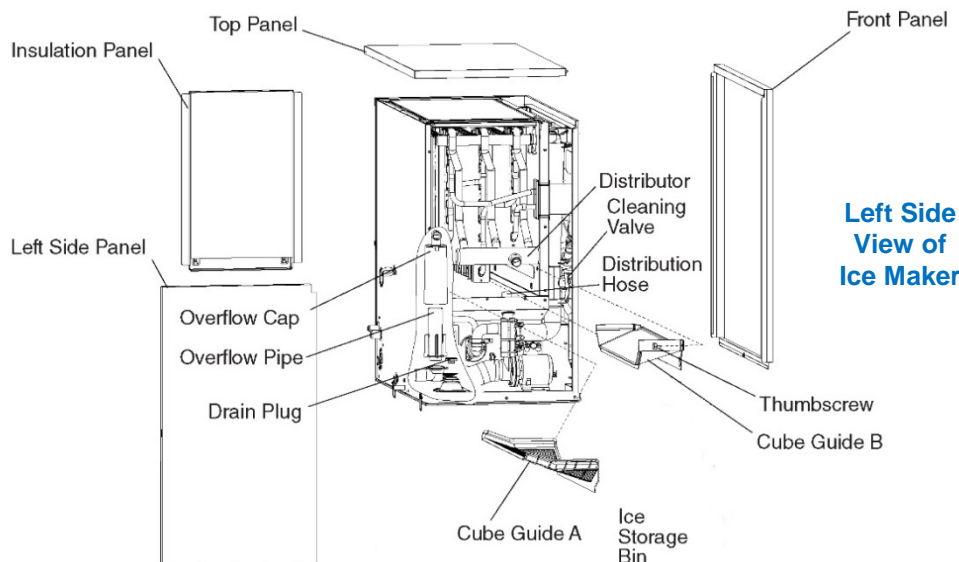
- Wait 1 minute to avoid excessive foaming 19
- Move control switch to WASH, replace the front panel

- After 45 minutes, remove the front panel 20
- Move control switch to OFF

- Remove the top, left, and insulation panels 21
- Remove distribution hose
- Remove thumbscrew from cube guide B
- Remove cube guide B & A

- Remove the overflow cap, overflow pipe, and drain plug 22
- After the water tank has drained, replace and reconnect all the items

## Cleaning:

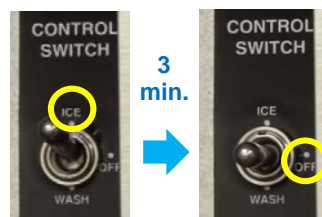


- 4 Remove the **Top, Left, and Insulation Panels**. Remove the **Distributor Hose**. Remove the **Thumbscrew** securing **Cube Guide B**, then remove both **Cube Guides B & A**.

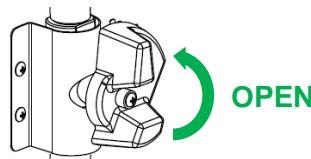
- 5 Remove the **Overflow Cap, Overflow Pipe, and Drain Plug**. Once water tank has drained, replace and reconnect all the items and panels.

**⚠ NOTICE! DO NOT** cross thread the drain plug or overflow pipe.

- 6 Refill water tank by moving the control switch to **ICE**, replace the **Front Panel**. After 3 minutes, remove **Front Panel**, move switch to the **OFF** position.



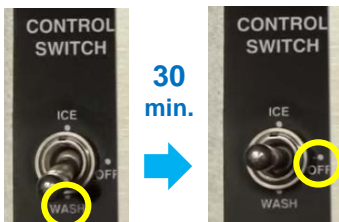
- 7 Remove the **Top, Left, and Insulation Panels**. Pour **14 fl.oz (414 ml)** of Hoshizaki **Scale Away** into the water tank. Replace the insulation, left and top panels. Turn the cleaning valve left until completely vertical (open).



**⚠ NOTICE! AVOID EXCESSIVE FOAMING**, wait 1 minute before next step.

↳ continued on the back...

- 8 Move the control switch to **WASH**, replace **Front Panel**.
- ⚠ **NOTICE! DO NOT** leave the control switch on **WASH** for extended periods when water tank is empty. It will damage water pump seals.



- 9 After 30 minutes, remove **Front Panel**, then move the control switch to **OFF**.

- 10 Remove the **Top, Left, and Insulation Panels**. Remove the **Distributor Hose**. Remove the **Thumbscrew** securing **Cube Guide B**, then remove both **Cube Guides B & A**.

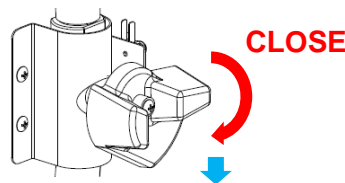
- 11 Remove the **Overflow Cap, Overflow Pipe, and Drain Plug**. Clean all items (See Step 12). Once water tank has drained, replace and reconnect all the items.

- 12 In bad water conditions, a more thorough cleaning may be required. Turn off power supply, clean all items in a solution of **5 oz. of Scale Away per gallon of warm water**. Rinse and replace the cube guides, float switch, water supply tubes, spray tubes and spray guides. Turn on power supply. Otherwise, continue to step 13.



## Cleaning Rinse:

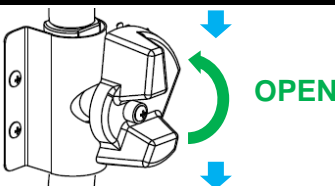
- 13 Turn the cleaning valve to the *right* until completely horizontal (closed). Move the control switch to **ICE**, replace **Front Panel**. After 3 minutes, remove the **Front Panel**, move switch to **OFF**.



- ⚠ **NOTICE! ICE MACHINE WILL NOT WORK**, unless valve is completely closed.

- 14 Turn the cleaning valve to the *left* until completely vertical (open). Move the control switch to **WASH**, replace the **Front Panel**. After 5 minutes, remove the **Front Panel**, switch to **OFF**.

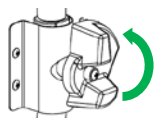
**CONTROL PANEL**  
ICE > 3 minutes > OFF



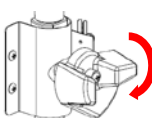
- 15 Remove the **Top, Left, and Insulation Panels**. Remove the **Distributor Hose**. Remove the **thumbscrew** securing **Cube Guide B**, then remove both **Cube Guides B & A**.

**CONTROL PANEL**  
WASH > 5 minutes > OFF

- 16 Remove the **Overflow Cap, Overflow Pipe, and Drain Plug**. Once water tank has drained, replace and reconnect all the items. Continue to **Sanitation – Step 17 on front...**



- OPEN cleaning valve:**
- To allow cleaning solution flow to the inside the evaporator
  - Turn left to open (vertical)



- CLOSE cleaning valve:**
- Must be closed for normal ice making operation
  - Turn right to close (horizontal)

DOWNLOAD COMPLETE INSTRUCTION MANUAL:



[hoshizakiamerica.com/support](http://hoshizakiamerica.com/support)

Type in the model number of your ice machine (including dashes) to download manuals

## CLEANING SCHEDULE

- |                             |                            |
|-----------------------------|----------------------------|
| ● <b>Scoop</b>              | Dish soap, rinse well      |
| ● <b>Water Filters</b>      | Check psi, change if req'd |
| ● <b>Exterior</b>           | Dish soap & damp cloth     |
| ● <b>Bin Door/Top Kit</b>   | Warm water & clean cloth   |
| ● <b>Ice Maker/Bin</b>      | Follow these instructions  |
| ● <b>Water Supply Inlet</b> | Clean inlet screen         |
| ● <b>Condenser</b>          | Inspect. Clean with brush  |
| ● <b>Water Hoses</b>        | Inspect. Replace if req'd  |
- **DAILY** | ● **MONTHLY** | ● **YEARLY**

## ⚠ WARNING!

**DO NOT** use ammonia type cleaners. Can cause damage to icemaker

**WEAR** liquid-proof gloves and goggles to protect skin & eyes from cleaning & sanitizing chemicals

↓ sanitizing continued...

### RINSE 1: (Steps 23-26)

23

- **CLOSE** cleaning valve
- Move control switch to **ICE**, replace the front panel
- After 3 minutes, remove the front panel
- Move control switch to **OFF**

### 24

- **OPEN** cleaning valve
- Move control switch to **WASH**, replace the front panel
- After 5 minutes, remove the front panel
- Move control switch to **OFF**

### 25

- Remove the top, left, and insulation panels
- Remove distribution hose
- Remove thumbscrew from cube guide B
- Remove cube guide B & A

### 26

- Remove the overflow cap, overflow pipe, and drain plug
- After the water tank has drained, replace and reconnect all the items.

### RINSE 2 & 3: (Steps 27-34)

27

- Repeat 2x (Steps 23–26) for complete ice/food safety

### 35

- Clean the dispenser / storage bin liner with a neutral cleaner (dish soap)
- Rinse thoroughly

### 36

- **CLOSE** the cleaning valve
- Move control switch to **ICE**

### 37

- Replace all panels
- ⚠ **NOTICE!**  
**IF ICE MAKER IS ON DISPENSER**, remember to turn on the dispenser after cleaning

