

Why	To break the bacteria cycle	
Time required	10 minutes to prepare	90 minutes to complete
Time of day	At close	For 24-hour restaurants: during low-volume periods at night
Hazard icons	 Chemicals  Electricity	

Tools and supplies



Measuring Cup



Bucket, clean towels



Bucket, soiled towels



Ice scoop



Kay Delimer



McD KL Delimer



Kay 5 Sanitizer



McD DR Sanitizer



Multi Surface Glass Cleaner



Screwdriver, Phillips

Procedure

1 Remove front panel.

Use a Phillips screwdriver to loosen the two screws securing the door. Do not remove screws completely; they are secured to prevent loss.



2 Turn ice machine off.

After ice has fallen from the evaporator, turn the machine OFF.



3 Empty ice bin.

Use an ice scoop to remove all ice from the storage bin or dispenser. Discard the ice.



Tip
If you are cleaning the ice machine in the production area, store the ice in the freezer for use if needed.



Clean and sanitize ice machine (continued)

- 4 Prepare DeLimer solution.
Follow label instructions to prepare the correct amount of delimer.

For models:

I300, I320, I420

Kay Delimer - Mix 2 packets with 1 liter of warm water or

McD KL - Measure 120 ml

I1200, I1400, I1600, I1800

Kay Delimer - Mix 5 packets with 1 liter of warm water or

McD KL - Measure 290 ml

For all other models

Kay Delimer - Mix 4 packets with 1 liter of water

or

McD KL - Measure 200 ml

**Amounts vary by ice machine size due to amount of water being held in the water trough of each machine. Larger machines hold more water. Concentration should remain the same.*



Chemicals

DeLimer

- 5 Press CLEAN switch.
Push the clean button to start the cleaning process.



- 6 Delime evaporator and water circulation system.
Wait for approximately 2 minutes until water starts to flow over the evaporator, then pour the premixed solution into the water trough.



- 7 Allow clean cycle to run.
The ice machine will automatically run through a wash cycle and several rinse cycles. The entire cycle lasts approximately 30 minutes.



Countdown clock will let you know duration and time remaining

- 8 Turn off power to the ice machine.



Electricity

Do not begin cleaning other parts of the ice machine until it is unplugged or breaker/disconnect is turned off.



- 9 Remove water curtain.
Gently flex the curtain in the center and remove it from the right side. Slide the left pin out.



- 10 Remove the ice thickness probe.
Compress the hinge pin on the top of the ice thickness probe.



Pivot the ice thickness probe to disengage one pin then the other. The ice thickness probe can be cleaned at this point without complete removal. If complete removal is desired, disconnect the ice thickness control wiring from the control board.

Clean and sanitize ice machine (continued)

- 11 Remove the water distribution tube.

Loosen the two outer screws (do not remove screws completely; they are retained to prevent loss). Pull forward on the distribution tube to release from slip joint.



Disassemble the distribution tube by loosening the two (2) middle thumbscrews and dividing the distribution tube into two pieces.

- 12 Remove the water trough.

Depress tabs on right and left side of the water trough. Allow front of water trough to drop as you pull forward to disengage the rear pins.



- 13 Remove the water pump.

Grasp pump and pull straight down on pump assembly until it disengages and the electrical connector is visible.



Disconnect the electrical connector. Remove the water pump assembly from ice machine.

- 14 Remove the water level probe.

Pull the water level probe straight down to disengage. Lower the water level probe until the wiring connector is visible.



Disconnect the wire lead from the water level probe. Remove the water level probe from the ice machine.

- 15 DeLime plastic parts.

Mix the correct amount of delimer with 4 gallons (15 liters) of warm water in a three-compartment sink. Kay Delimer - 4 packets or McD KL - 150 ml



Place the plastic parts in the solution and soak for 10-15 minutes.

Equipment Alert

Only soak the water pump up to the O-ring. Do not submerge the motor section.

- 16 Clean surface areas of ice machine.

Use a clean towel soaked in delimer solution to wipe ice machine surfaces, including the sides, walls and base (area above water trough).



- 17 Rinse and sanitize plastic parts.

Prepare Sanitizer and warm water in a three-compartment sink. Kay 5 - Mix 2 packets with 5 gallons (19 liters) water. or McD DR - Add 19 liters (5 gallons)



Remove plastic parts from delimer solution & rinse in clean water. Place the plastic parts in the sanitizer solution and soak for at least one minute.

Equipment Alert

Only soak the water pump up to the O-ring. Do not submerge the motor section.

Clean and sanitize ice machine (continued)

- 18 Sanitize surface areas of ice machine.**

Use a clean sanitizer soaked towel to sanitize ice machine surfaces, including the side walls, base (area above water trough), and the bin or dispenser. Rinse with a clean water soaked towel.



- 19 Reinstall plastic evaporator parts.**

Return the parts to the ice machine and reassemble. (Perform Steps 14 to 9 in reverse order).



- 20 Restore power to the ice machine.**

Turn power on at the breaker or electrical disconnect.



- 21 Prepare Sanitizer.**
Prepare the correct amount of sanitizer.

I300, I320, I420

Kay 5 - Mix 1 packet with 1 liter of water.

Or

McD DR - Measure 25 ml

I1200, I1400, I1600, I1800

Kay 5 - Mix 3 packets with 1 liter of water

Or

McD DR - Measure 60 ml

For all other models

Kay 5 - Mix 2 packets with 1 liter of water

McD DR - Measure 40 ml

**Amounts vary by ice machine size due to amount of water being held in the water troughs of each machine. Larger machines hold more water. Concentration should remain the same.*



- 22 Press CLEAN switch.**

The clean light will turn on to indicate the machine is in the sanitize cycle.

Check box to return to ON (start ice making) at the completion of sanitizing.



- 23 Sanitize evaporator and water circulation system.**

Wait for approximately 2 minutes until water starts to flow over the evaporator, then pour the sanitizer into the water trough.



- 24 Reinstall front panels and tighten screws.**



- 25 Clean and sanitize bin.**

Clean ice bin by wiping interior with a clean delimer soaked towel.

Rinse interior by wiping with a clean water soaked towel. Sanitize interior by wiping with a clean sanitizer-soaked towel.

Rinse interior by wiping with a clean water soaked towel. Use Glass and Multi-Surface Cleaner to clean the exterior of the bin and ice machine.

Note: When a dispenser is used, refer to dispenser disassembly, cleaning and sanitizing procedures.

