Nu-Calgon Service Tips

3-207

How to clean Manitowoc and other Ice Machines having nickel-plated evaporators with Nickel Safe Ice Machine Cleaner

Cleaning Instructions
Note: Clean machine when evaporator is free of ice.

1. Turn off refrigeration
2. Shut off water supply
3. Remove all ice from bin
4. Remove water trough, water curtain(s), water distribution tube(s), and other parts that may be scaled with deposits.
5. Mix 3 oz. Nickel-Safe Ice Machine Cleaner per gallon of warm water in plastic container and place components in solution. Soak the components until they are free of deposits; for stubborn or thick deposits use a soft brush to help the dissolving action. (A stronger solution of up to 16 oz. per gallon of water may be used for excessively dirty components).
6. Use above solution to clean storage bin, top, bottom, and side extrusions and other components where deposits have collected, then rinse cleaned areas with fresh water.
7. Replace cleaned components and turn on water.
8. To clean evaporator as well as the remaining recirculating water system, add Nickel-Safe to the water in ice maker according to the manufacturer's instructions. If none are available , use 5 fl. oz. of Nickel-Safe per gallon of water in the machine. In case of the Manitowoc machines, use: 2 oz. in the 100, 200, 400, 600 Series; 3 oz. in the 800, 1100, 1200 Series; 4 oz. in the 1700 Series.
9. Allow cleaning to circulate for up to 10 minutes; it may be necessary to recirculate the solution for longer than 10 minutes to remove heavier and thicker scale deposits. Be sure all distribution and weep holes are clear. Drain cleaning solution and flush with fresh water for a minimum of 30 seconds. After flushing, plug the drain.
10. Use Nu-Calgon IMS-II (4211-34) to sanitize ice machine. (Follow "Sanitizing Instructions" below).
11. Thoroughly rinse bin with clean water after all components are cleaned.
12. Return machine to service.
13. Discard first batch of ice.

Sanitizing Instructions
Note: Sanitize after cleaning or when evaporator is free of ice.

1. Turn off refrigeration, but keep water pump on.
2. Add 1/4 oz. of IMS-II ice machine sanitizer per gallon of recirculating water; allow to circulate a minimum of 1 minute.
3. Drain water and allow fresh water to flush through for a minimum of 30 seconds. Reinstall drain plug after flushing is complete.
4. Wash all ice contact surfaces, bins and other surfaces requiring sanitizing with a solution of 1 oz. sanitizer and up to 4 gallons water. Rinse thoroughly with fresh water after sanitizing is complete.
5. Return machine to service.
6. Discard first batch of ice.

Once machine is clean, treat the water with Micro-Plus and prevent further scaling and cleaning... See your Wholesaler today.

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