

SIMMAG

ELECTRONIC MODULAR FLAKERS AND SUPERFLAKERS **SP SERIES**

CLEANING AND SANITIZING PROCEDURES

TOOLS REQUIRED

- 1 Medium Phillips Screwdriver
- 1 Medium Flat Screwdriver
- 1 Pair of Protective Gloves
- 1 Bucket/Container
- 1 Different types of brush
- 1 Clean Cloth
- 1 Ice Machine Cleaner/Sanitiser
- 1 Antialgae Cleaner



FREQUENCY

- Cleaning: Every six months
- Sanitizing: Every month

NOTE. THE FOLLOWING PROCEDURE CAN BE USED FOR EITHER SANITIZING OR DE-SCALING THE ICE MACHINE.

NEVER MIX THE SANITIZING SOLUTION WITH THE DE-SCALING SOLUTION.

IN CASE THE MACHINE NEEDS TO BE SANITISED AND DE-SCALED, CLEAN THE MACHINE THOROUGHLY, THEN FIRST DE-SCALE, AND AFTER PROPER WASHING AND RINSING, DO THE SANITATION.

WARNING. When using any chemical, protection of hands and eyes should be worn.

NOTE. De-scaling is recommended every 6 months in average water hardness conditions, while sanitizing should take place **once a month**. Under extreme water hardness conditions we recommend to de-scale every two – three months, and to sanitize **every two weeks**. Sanitizing regularly will reduce bacteria growth, which is natural in all water circulation systems as ice machines.

NOTE. Always follow approved Sanitizer / De-scaler manufacturers instructions when preparing the Sanitizer /De Scaler solutions.

PROCEDURE

1. Switch OFF the Master disconnect switch on the power line....



2. Close water tap on the water supply line



NOTE. Be sure that no other equipment in use can suffer of the turn OFF of water.

3. Scoop out all ice stored into the bin so to prevent its contamination.



4. Remove the Front/Top panel and also.....



5.Side/Rear Panel to again to access....





6.to the water reservoir.



7. Remove the metal clamp and disconnect the water tube from the outlet of the water reservoir. Collect....



8.the water into a bucket then.....



9.place again the tube on the outlet port.



10. Prepare the cleaning solution by diluting in a plastic container two or three liters of warm water (45°-50°C) with a 0,2-0,3 liters of Ice Machine Cleaner (on SPN 1205 double the quantities).



WARNING. The Ice Machine Cleaner contains Phosphoric and Hydroxyacetic acids. These compounds are corrosive and may cause burns if swallowed, DO NOT induce vomiting. Give large amounts of water or milk. Call Physician immediately. In case of external contact flush with water. KEEP OUT OF THE REACH OF CHILDREN.

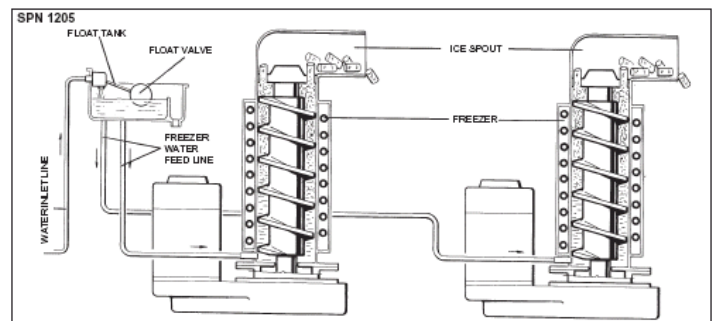
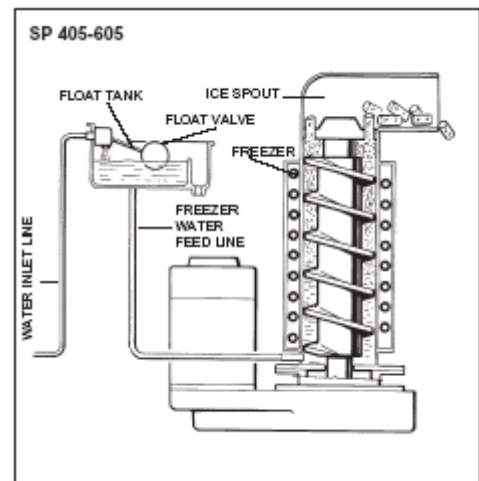
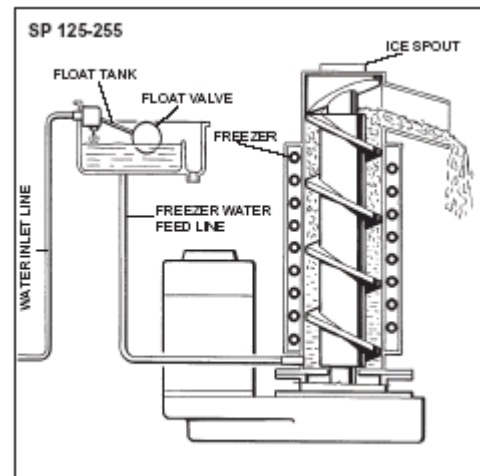
11. Remove the water reservoir cover then.....



12.slowly pour onto the water reservoir the cleaning solution.



13. Leave the machine in **mode OFF** for approximately **20 minutes** so to have the cleaning solution melting the scales into the entire water system.



14. With the help of a brush dissolve the most resistant and remote scale deposits into the plastic tube connecting the water reservoir to the bottom of the freezer.



15. Jump with a wire the two metal pins of the water level sensor or.....



16.with a piece of copper wire short the two metal pins of the water reservoir.



17. After **20 minutes** switch **ON** the Master switch to start the unit.



18. Few minutes later the Ice Machine start up to produce and discharge flaker ice (slash) into the storage bin



19. As soon as the level of the water into the water reservoir is going down, slowly pour the remaining cleaning solution till empty the bucket.



21. When all the cleaning solution has been used up, open the water shutoff valve to allow new fresh water to flow into the water reservoir. Let the unit to continue to run until.....



20. The flaker ice made with the cleaning solution is slushy and coloured also.



22.the flaker ice resumes the normal colour and hardness .



NOTE – In this situation can be heard by the noise made of the ice. Should this occur it is recommended to stop for few minutes the ice machine in order to allow the ice in the freezer to partially melt then restart again.

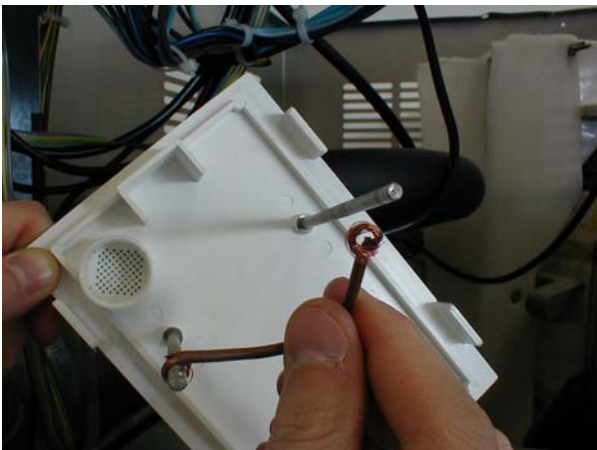
23. When sure that no more trace of cleaning solution is left into the water system pour 1 cc of Sanitiser (Antialgae part number 264000 02) then switch the unit ON. Let the unit running for approx 10 minutes.



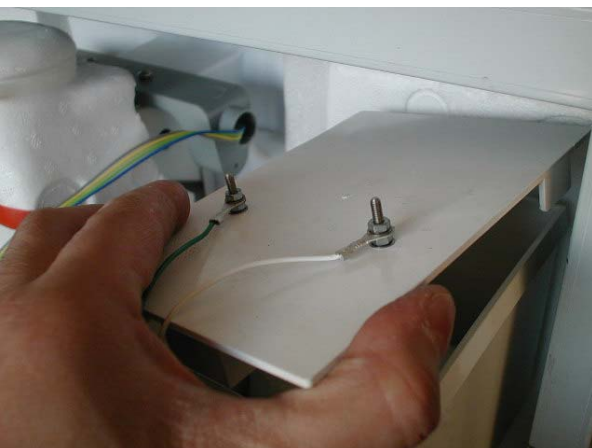
24. Remove the jumper between the two metal pins or



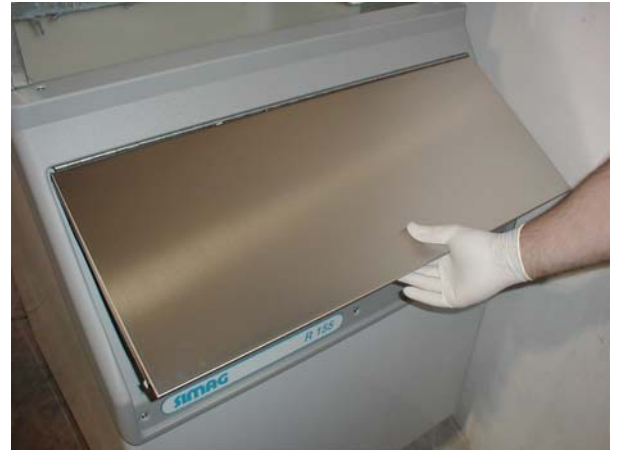
25.remove the copper wire used to jump the two sensors for the water level.



26. Place back the correctly the cover on the float reservoir.



27. Open the storage bin door in order to have access to the storage bin and to the bottom of the metal deflector.



28. Place the bucket with cleaning/sanitizing solution inside the storage bin (this allow you to freely clean/sanitize the bin) and with sponge clean/sanitize the bottom of the metal deflector.....



29.as well as all the inside area of the bin including its drain..



30. Clean/sanitize the rear side of the bin door.



31. Re-fit the Side/Rear Panel and also



REMEMBER – To prevent the accumulation of undesirable bacteria it is necessary to sanitize the interior of the storage bin with an antialgae disinfectant solution EVERY WEEK

NOTE – DO NOT use ice produced with the sanitizing solution

33. Clean the outside of the Ice Machine and the Storage Bin using a clean damp cloth with specific S.S. cleaning product.

32. ...the Front/Top Panel.



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