











Ice Machine Cleaning and Maintenance Procedure

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1. Cleaning tools

| | | |
|---|---|---|
| <p>1. Brush 30mm</p>  | <p>2. Brush 40mm</p>  | <p>3. Siphon</p>  |
| <p>4. Sprinkling pot</p>  | <p>5. Cleaning barrel</p>  | <p>6. Cleaning sponge</p>  |
| <p>7. Counting cup</p>  | <p>8. Electronic scale</p>  | |
| <p>9. Screwdriver</p>  | <p>10. Slip joint pliers</p>  | |

2. Cleaning disinfectant











1. Specification of detergents and disinfectants

| | Detergent | Disinfectants |
|---------------------------------|---|--|
| |  |  |
| Description | Food-grade special cleaning detergents,can effectively remove scale. | Food-grade special disinfectant,can kill many kinds of bacteria, mould and asthma effectively. |
| Package | 1 bag 56.7g | 1 bag 28.4g |
| Proportion: Weekly cleaning | 1 bag 56.7g / 1L water | 1 bag 28.4g / 3.8L water |
| Proportion: Monthly cleaning | 4 bags 4*56.7g / 1L water | Monthly cleaning and disinfection 1 bag 28.4g / 1L water |

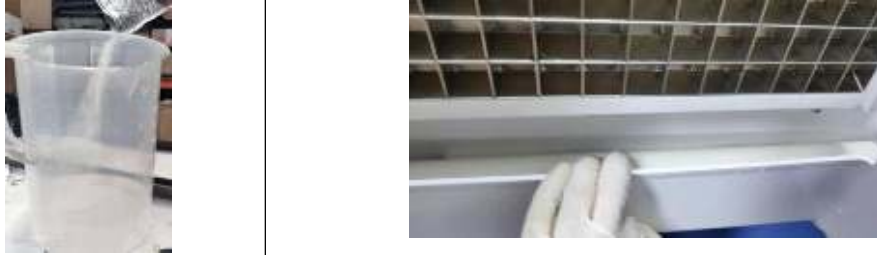
2. Snooker ice machine detailed configuration ratio

| Model | tank capacity | Ice machine special cleaning detergent | | Ice machine special cleaning disinfectant | |
|----------|---------------|--|----------------------------------|---|--------------------------------|
| | | Weekly cleaning 56.7g / 1L | Monthly cleaning 4*56.7g / 1L | Weekly cleaning 28.4g / 3.8L | Monthly cleaning 28.4g / 1L |
| SK-80P | 1.5 L | 85g | 340g | 11.5g | 43g |
| SK-120P | 1.5 L | 85g | 340g | 11.5g | 43g |
| SK-129 | 1.5 L | 85g | 340g | 11.5g | 43g |
| SK-160P | 2 L | 115g | 460g | 15g | 57g |
| SK-169 | 2 L | 115g | 460g | 15g | 57g |
| SK-210P | 2 L | 115g | 460g | 15g | 57g |
| SK-219 | 2 L | 115g | 460g | 15g | 57g |
| SK-280P | 2 L | 115g | 460g | 15g | 57g |
| SK-289 | 2 L | 115g | 460g | 15g | 57g |
| SK-31A | 1.5 L | 85g | 340g | 11.5g | 43g |
| SK-41A | 1.5 L | 85g | 340g | 11.5g | 43g |
| SK-51A | 1.5 L | 85g | 340g | 11.5g | 43g |
| SK-81A | 2 L | 115g | 460g | 15g | 57g |
| SK-91A | 2 L | 115g | 460g | 15g | 57g |
| SK-101A | 2 L | 115g | 460g | 15g | 57g |
| SK-329 | 2.3 L | 130g | 520g | 17.5g | 65g |
| SK-350P | 2.3 L | 130g | 520g | 17.5g | 65g |
| SK-420P | 2.5 L | 142g | 568g | 19g | 71g |
| SK-429 | 2.5 L | 142g | 568g | 19g | 71g |
| SK-500P | 2.9 L | 165g | 660g | 22g | 82.5g |
| SK-529 | 2.9 L | 165g | 660g | 22g | 82.5g |
| SK-700P | 2.9 L | 165g | 660g | 22g | 82.5g |
| SK-1000P | 2.9 L | 165g | 660g | 22g | 82.5g |
| SK-1500P | | | | | |
| SK-2000P | | | | | |

3. Modular type cube ice machine cleaning and disinfection procedure

| Part 1 : Manual cleaning process | | 3-4 |
|--|---|--|
| <p>1 Remove ice from the ice bin to avoid contamination.</p>  | <p>2 Disassemble 4pcs screws which are in the upper and lower fixing ice machine's front panel, and remove the front panel.</p>  | <p>3 To empty the water which is in the tank, when the machine is running, press the cleaning key for 3 seconds and enter the cleaning mode to display CLE.</p>  |
| <p>4 Make sure the power supply is cut off. Remove the ice skating board.</p>  | <p>5 Remove 2pcs screws which are fixing in the spray pipe, and then remove the spray pipe.</p>  | <p>6 Remove 2 screws which is fixing in the water pump.</p>  |
| <p>7 Pull out the pump and sensor wiring harness.</p>  | <p>8 Pull out inlet water pipe.</p>  | <p>9 Pull out the hose hoop of the upper water pipe,</p>  |
| <p>10 Disassemble fixed screws which are in the spray pipe. Dismantle the spray pipe;</p>  | | |
| <p>11 According to specified proportion in this instruction, prepare cleaning solution and make sure the cleaning agent dissolves completely. Soak the water pipe, inlet and outer spray pipe, head, spray pipe fixing seat and screws etc, in the cleaning solution, and slowly shake, 15 minutes later, rinse with clean</p> | | |

water.



12 Repeatedly scrub the spray pipe, ice skating board and pump base bracket with cleaning solution, and rinse with clean water after 15 minutes place quietly.



13 Spray the cleaning solution into the ice lattice with a sprinkling pot. Repeatedly wipe the water tank, ice plate and its plastic parts, side plates, ice buckets and other sanitary areas with cleaning solution. Rinse with clean water after 15 minutes place quietly.



Part 2 : Manual disinfection process

1 According to specified proportion in this instruction, prepare disinfection solution and make sure the disinfectant dissolves completely. Soak the water pipe, inner and outer spray pipe, head, spray pipe fixing seat and screws etc in the disinfectant solution, and slowly shake, 15 minutes later, rinse with clean water.



2 Repeatedly scrub the spray pipe, ice skating board and pump base bracket with disinfection solution, and rinse with clean water after 15 minutes place quietly.





3 Spray the disinfection solution into the ice evaporator with a sprinkling pot. Repeatedly wipe the water tank, ice plate and its plastic parts, side plates, ice bin and other sanitary areas with disinfection solution. Rinse with clean water after 15 minutes place quietly.













4 Cool and dry the dismantled spray pipe, water pump water pipe and ice skating board. Then install them back to their original position in turn.

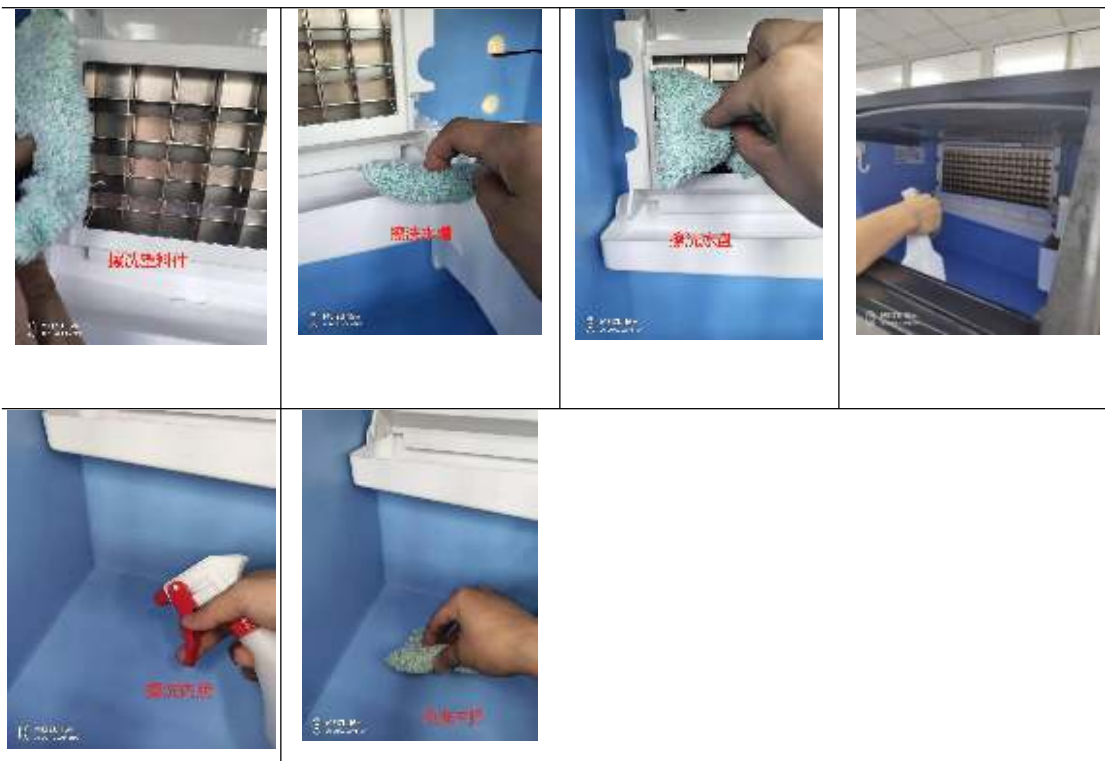
Part 3 : Automatic cleaning and disinfection process

| | |
|---|---|
| <p>1 Turn on the ice machine, when the “ini” indicator lights off, then press “CLE” button for 3 seconds, the machine enters cleaning/disinfection mode and waits for adding cleaning solution. After pouring the disposed cleaning solution into the tank. Click “CLEAN”. The machine enters the cleaning mode automatically. 15 minutes cyclic cleaning. Finally, the wastewater is drained out.</p> | <p>2 After cleaning, the machine enters the rinsing mode automatically. Each rinsing mode is cycled for 5 minutes with 20 seconds draining. There are 5 rinsing cycles. After rinsing, machine enters sleeping mode.</p> |
|  |  |
| <p>3 Use disinfection instead of cleaning solution. Repeat step 1 and step 2 to enter disinfection mode.</p> | <p>4 In order to ensure food hygiene, please discard the first five batches of ice.</p> |

4. Vertical type cube ice machine cleaning and maintenance procedure

Part 1 : Manual cleaning process

| | | |
|--|---|--|
| <p>1 Cut off the power! Remove ice from the ice bin to avoid contamination.</p> | <p>2 To empty the water which is in the tank.</p> | <p>3 Remove the ice skating board.</p> |
|  |  |  |
| <p>4 Remove the pump and pull out the upper pipe of the pump circulation.</p> | <p>5 Remove the fixing screws which are in the sprinkler pipe and remove the sprinkler pipe and the upper pipe.</p> | |
|   |   | |
| <p>6 Disassemble fixed screws which are in the spray pipe. Dismantle the spray pipe;</p> | | |
|  | | |
| <p>7 According to specified proportion in this instruction, prepare cleaning solution and make sure the cleaning agent dissolves completely. Soak the water pipe, spray pipe, outer pipe, head, spray pipe fixing seat and screw etc, in the cleaning solution, and slowly shake, 15 minutes later, rinse with clean water.</p> | <p>8 Repeatedly scrub the spray pipe, ice skating board and pump base bracket with cleaning solution, and rinse with clean water after 15 minutes place quietly.</p> | |
|   |   | |
| <p>9 Spray the cleaning solution into the ice lattice with a sprinkling pot. Repeatedly wipe the water tank, ice plate and its plastic parts, side plates, ice buckets and other sanitary areas with cleaning solution. Rinse with clean water after 15 minutes place quietly.</p> | | |



Part 2 : Manual disinfection process

1 According to specified proportion in this instruction, prepare disinfection solution and make sure the disinfectant dissolves completely. Soak the water pipe, inner and outer spray pipe, head, spray pipe fixing seat and screws etc in the disinfectant solution, and slowly shake, 15 minutes later, rinse with clean water.



2 Repeatedly scrub the spray pipe, ice skating board and pump base bracket with disinfection solution, and rinse with clean water after 15 minutes place quietly.


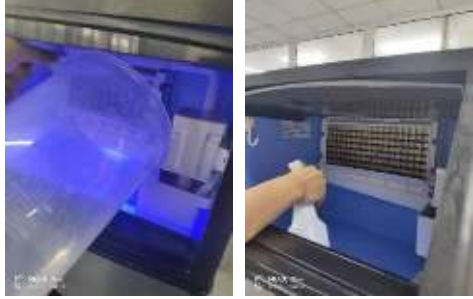

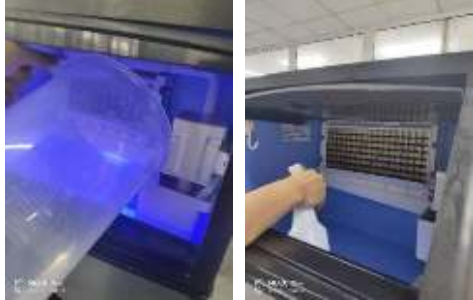


3 Spray the disinfection solution into the ice evaporator with a sprinkling pot. Repeatedly wipe the water tank, ice plate and its plastic parts, side plates, ice bin and other sanitary areas with disinfection solution. Rinse with clean water after 15 minutes place quietly.



4 Cool and dry the dismantled spray pipe, water pump water pipe and ice skating board. Then install them back to their original position in turn.

Part 3 : Automatic cleaning and disinfection process

| | |
|---|---|
| <p>1 Turn on the machine, click "CLEAN" button, When the machine has finished filling the water, it will enter the waiting state.and then empty the water which is in the tank.</p> | <p>2 Pour the cleaning solution which is disposed corresponding to water tank capacity into the tank. Click the "CLEAN" button.The machine enters the cleaning mode automatically, and the cleaning cycle lasts for 15 minutes. In the meantime, can spray the ice evaporator with spray pot. Then the machine inlet water for 5 minutes and waits.</p> |
|  |  |
| <p>3 When wait for the disinfectant to be added,can empty the water which is in the tank.</p> | <p>4 Pour the disinfection solution which is disposed corresponding to water tank capacity into the tank. Click the "CLEAN" button.The machine enters the disinfect mode automatically, and the cleaning cycle lasts for 15 minutes. In the meantime, can spray the ice evaporator with spray pot.</p> |
|  |  |
| <p>5 After 15 minutes, the machine enters the rinsing mode automatically and rinses 25 minutes.</p> | <p>6 When automatic cleaning and disinfection is finished, the machine enters the ice making process.In order to ensure food hygiene,please discard the first five batches of ice.</p> |