Scotsman®

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SERVICE BULLETIN

Subject: BC0530 Cube Size And Cube Clarity

Cube size and the amount of water purged in each harvest cycle are controlled by the float stem switches. These float switches can easily be adjusted by raising and lowering the blue stems. Proper adjustments are crucial to maximize performance and efficiency of the ice machine. Improper adjustments can cause cloudy, hollow, or oversized cubes. Oversized cubes with no dimple can potentially damage the water plate and/or cam assembly. Do not operate the machine with cube dimples less then 1/8".

It is recommended to purge more water in areas with higher mineral content and/or more airborne pollutants. Using the high flush rate setting from the below chart can help with cube clarity and descaling and sanitizing frequency. In areas with high mineral content water filters and even a reverse osmosis system should be utilized.

Float Stem Heights

Flush Rate	Left Float	Right Float	Approximate water purged
High (more purge)	1 1/2"	1 5/8"	33 ounces per cycle
Low (less purge)	5/8"	1 7/16"	14 ounces per cycle

Note: Measure the amount of blue stem sticking out of the water level probe assembly with top cap fully secured. Small adjustemnts will make a significant difference to the cube dimple. To fine-tune the dimple size adjustment should be made to the right stem. Raising the right stem will decrease the dimple size and lowering the right stem will increase dimple size.