



HOSHIZAKI AMERICA, INC.

SERVICE BULLETIN

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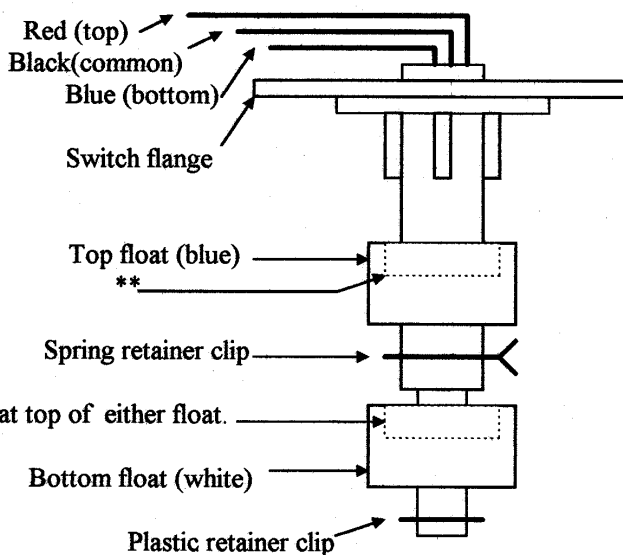
SUBJECT: Universal Flaker / DCM float Switch

Hoshizaki float switch, part number 435490-01 can be used as a universal replacement on any Hoshizaki Flaker or DCM model in the field. It now subs for all previous float switch numbers in our parts system.

Since the float switch is mounted into the water reservoir, it is susceptible to scale build-up. The amount of scale build-up will depend on the local water quality. Scale on the switch shaft can cause the floats to stick. This will effect the unit operation. In this case, the float switch should be cleaned and checked.

The float switch is held in place on the top cover by a twist lock bracket. To remove it, twist the switch flange and lift. Soak the switch assembly in ice machine cleaner. While it is not necessary to do so, some servicers remove the floats from the shaft during cleaning. If you remove them, note that the blue float is on top. Also it is important to clearly mark the top of the floats so that they can be replaced correctly. (See drawing below). Installing the floats upside down will effect the timing of the float switch operation. Once clean, rinse and wipe the cleaner off and check the switch with a good quality ohm meter.

This float switch has three wires (the black wire is common) and two separate switches. Check the top switch by ohming out the black and red wires. When the float is up the switch should be closed. Check the bottom switch by ohming out the black and blue wires in the same manner. If either switch fails, the assembly should be replaced.



**** Magnet is always at top of either float.**