Technical Information Bulletin

Date: 20.02.2017

Concerning: upgrade electronic controller IQsoft, Ultra

Dear Customer,

In our continuous efforts to further improve the quality of our products, we are implementing the following modification on the electronic controller of our IQsoft and Ultra water softeners.

We have developed a brand new PCB platform that combines state-of-the-art design and components (like ARM processors). The new PCB platform offers us a lot of possibilities for future upgrades with regards to hardware (different displays, addition of WiFi, larger memory, more outputs, etc), as well as software.

With the implementation of this upgraded PCB on IQsoft and Ultra, we have added the following features to the electronic controller:

1. Buzzer: the new PCB has an integrated buzzer, that is used as:
   - an audible alarm for the salt level reminder and maintenance reminder functions;
   - a sound-signal whenever a button is pressed.

   The buzzer function can be enabled (with adjustable sound level) or disabled by the end-user in the Basic Settings programming mode.
2. 2nd line on display: on the 2nd line of the display, the total volume of water used since start-up and the instantaneous flow rate are displayed alternatingly.
3. SuperCap for power backup: the larger SuperCap keeps the clock running in the background for 15-20 hours in case of a power failure.
4. 2nd auxiliary relay/contact (24 VAC, max. 500mA); as for the 1st auxiliary relay, the function can be programmed.

Important remarks:

1. the new PCB is interchangeable with the current PCB; the Part Number doesn't change.
2. the user interface of the software itself doesn't change at all.

This upgrade is introduced in our production as of February 20th, 2017. So all IQsoft/Ultra systems with a production date as of 20.02.2017 are equipped with the new electronic controller.

Please do not hesitate to contact us if you need any additional information on this topic.

Sofie Redig
Technical Support

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