

PRODUCT SPOTLIGHT - BECSys5

Here's a review of the BECSys5 product, including exciting new features and capabilities.

The BECSys5 is the same platform, same size and weight, and same configuration of circuit boards as the older BECS—manufactured Strantrol® System5 controllers. That is where the comparison ends. Here are some of the changes:

Warranty: The BECSys5 comes with a 5-year electronic warranty (vs a 2 yr. warranty on the System5). It is backed with a one-call, on-site full replacement warranty for any manufacturer's defects (not previously available).

Integrated Flow Meter: Equipped with an integrated digital flow meter that monitors the exact circulating pump flow. Flow (a critical aspect of water quality) is then available for interactive monitoring, alert notification, and advanced features...such as shutting down chemical feed if the flow gets too low.

Booster mode: The booster mode has been upgraded to include the DSBN (dual-setpoint booster mode) features found in other CES controllers. This feature is popular with ozone/saline customers that want backup chlorinators to truly remain in the background. No other controller offers this DSBN feature.

Digital / 4-20mA inputs: A new standard feature...you can monitor up to (4) accessories such as: chlorine tank levels, pH tank levels, salinity (salt) levels, vacuum (dirty strainer) readings, pressure (pump output, filter effluent) readings, surge tank level readings, or others. Just add the correct sensors and these inputs will log, alarm, and provide alert notification for out-of-range conditions

True PPM Control: For years we have maintained pool chemistry by

using ORP (the indicator of the killing power of chlorine in the pool) not the actual PPM of chlorine in the pool. This allows the PPM to vary up and down, depending on the pool loading, pH level, or stabilizer levels. You may desire to monitor or maintain precise control based on the actual PPM of the pool. Not available on the System5F, adding this feature to the BECSys5 is as easy as plugging in a PPM sensor. The PPM program offers control of multiple technologies (UV & Chlorine, Saline & Ozone, Ozone & Chlorine, etc.), and PPM/ORP "bracketing". Bracketing allows the PPM feeder and ORP feeder to "tag team" the chemistry control to provide optimum water quality. For example...if the pool water is so "clean" that the desired ORP set point (ex: 700 mV) provides TOO LOW a PPM (ex: .8 PPM) to comply with DOH guidelines, the bracketing program for the PPM probe will override ORP set point to maintain a minimum programmed PPM level.

Phone/fax settings: System5 units allowed alert notifications to be either phone alerts or fax alerts, not a mixture of each. The BECSys5 allows individual settings for each of the (8) alerts activated in the event of an out of range condition. For example, in the event of a problem, the system could first send a fax to the main office (or to CES dispatcher), then it could call/beep the facility operators, maintenance people, or managers in any order desired.

Direct Connect + Phone line: For the first time, you can enjoy direct connect (hard-wired or wireless) up to 1-mile AND a phone connection (fax out, call out, call in from any PC) at the same time. Also the pump room direct connect is now handled with an external connector—no need to open the controller to access.

Other features include a much faster processor to handle input quicker and easier, an improved user interface with on-screen help, an internal high voltage safety shield to protect your operators, and an front screen "Emergency Off" button to disable all feeders in a split second. Behind the scenes there are significant improvements in the communications performance, separately isolated pH and ORP inputs, enhanced ozone feed, and automatic selection from direct/modem (no need to open the box to switch).

The BECSys5 shows what a full spectrum manufacturer (design, build, test, certify, warranty) can accomplish in a short time when they listen to customers (you) and their distributors like CES. Expect more innovation from this dynamic team.

TIME TO REVIEW POOL COVERS

Every year experienced operators take this time inspect their pool covers to review what repairs and maintenance is needed before the winter season arrives. CES has a full stock of replacement winder tabs, cords, wheels, crank handles, etc. A CES rep will gladly work with you to assess blanket and winder condition, and help you get ready for the season.

NEW: SALINE SYSTEM INVESTMENT ANALYSIS

CES is proud to announce a new investment analysis for potential Saline (Salt) System installations. This helps pinpoint whether the saline system will pay for itself from savings in chlorine costs. It looks at many different variables (17 in all) including cost of electricity, existing cost of chemicals, maintenance savings, leasing costs, etc. to give the most accurate depiction possible. Contact your CES Rep for more information.