



The **BECSysBW** is the perfect solution for adding automatic or semi-automatic filtration control when a water chemistry controller is already in place. The BECSysBW can manage up to 16 sand filters, continuously monitoring and controlling system pressures, system flow rate and backwash holding tank levels.

Electrically actuated valves can be activated directly from the BECSysBW. The optional Filter Interface Panel provides controllable solenoids for activating hydraulic valves.



The backwash sequence is completely configurable and the BECSysBW will coordinate circulation pump operation, as well as manage fireman cycles for other flow-sensitive devices like heaters and UV systems. Email and/or text message notifications alert operators to unsuccessful or abnormal backwash conditions.

By monitoring the backwash holding pit water level overflows can be prevented - the BECSysBW will pause backwash to allow the pit to drain and automatically resume backwash when empty.

In applications where a BECSys5 is performing water chemistry control, the BECSysBW can coordinate backwash operations with the BECSys5 to prevent undesirable conditions... chemical feeds during backwash, for example.

At sites where multiple pools share a common backwash drain and holding pit, multiple BECSysBW's and BECSys7's can coordinate backwashes to assure only one system backwashes at a time.

BECSys Live!



BECSys Live is included with every **BECSysBW**, providing simple and secure 24/7 real-time access from just about any device: PC, Mac, desktop, laptop, tablet and/or smartphone.

Monitor status, change settings and review system performance. Review graphs and run reports that summarize key system activity and metrics, so you can easily spot trends.

Visit becsys.live to learn more and create your free account. And best of all... no additional fees or monthly subscription required!

Automatic vs Semi-Automatic Backwash

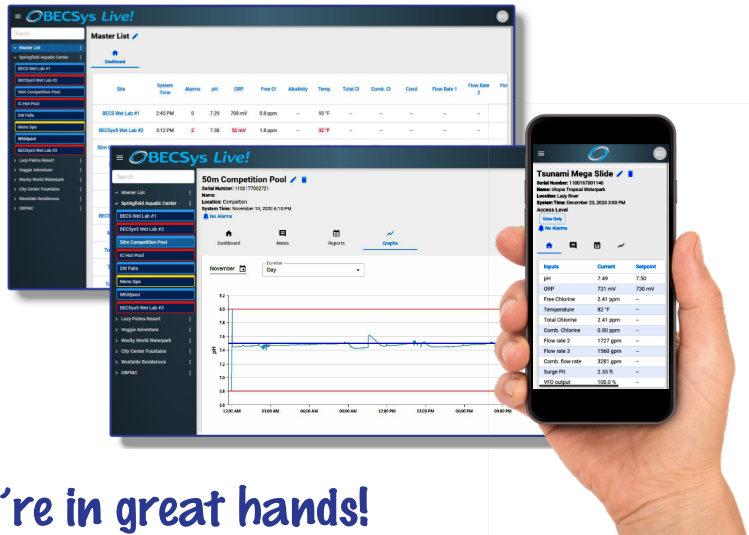
- **Automatic:** BW triggered by user-defined conditions, e.g. when differential pressure exceeds user defined set point. Backwash can be limited to certain times during the day. Operator does not need to be present for backwash to occur.
- **Semi-automatic:** BW triggered manually; backwash sequence automated per settings configured by user. In this mode the backwash can only be initiated by an authorized operator; once initiated the backwash will proceed automatically without the need for operator action.

Advanced Circulation System Management

- BECSysBW automatically manages circulation pump during filtration and backwash cycles
- **Advanced VFD control**
 - User-programmable flow rate profile
 - Filtration Backwash Coordination - different flow rate set points for filtration and backwash modes.
- Monitor circulation rate; track turnovers & volume processed
- Monitor strainer vacuum & pump effluent pressure and track Total Dynamic Head (TDH)

24/7 Monitoring & Control with BECSys Live!

- Gbit Ethernet standard in every BECSysBW
- Simple and secure setup using EZConnect
- Email and/or text message alarm notifications
- Visit becsys.live to get started

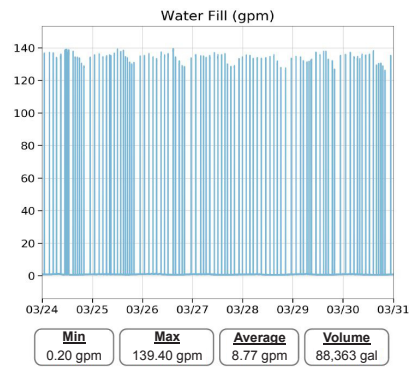


Configurable Filtration Control

- Configurable backwash timing and sequencing
- Priority valve management
- Alternate lead filter
- **Prevent backwash holding tank/pit overflow**
- Coordinate backwash for multiple pools
- Discharge dechlorination options

Intelligent Autofill

- Maintain proper water level
- Autofill / chemical feed coordination
- **Monitor water consumption**
- **Identify pool leaks**
- Prevent surge pit overflows



UV & Heater Protection

- Protects substantial equipment investment
- Fireman cycle processing; shuts off flow-sensitive equipment prior to the circulation pump
- Heater Protection - assures minimum flow rate of heater is always met

Chemical Inventory Management

- Monitor acid and chlorine inventory
- **Track chemical usage**
- **Chemical reorder notifications**

You're in great hands!

BECS Technology has been designing and manufacturing the world's most reliable and innovative water chemistry controllers for over 30 years. We take pride in developing aquatics solutions that stand the test of time and are easy to use with features and capabilities that bring real value to our customers and their facilities.

Yet even the best equipment requires competent support to reach its full potential. BECSys distributors have been factory-trained and authorized to provide everything you'll need to take full advantage of all the benefits of your BECSys controller through the warranty period and beyond.

With a BECSys, you're in great hands!

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