



The **BECSys CO₂ Feed System** is a rugged and reliable solution for aquatic facilities. CO₂ is widely recognized as a safe and easy-to-use method for pH control.

Two sizes are available: 5-50 SCFH, appropriate for most applications, and 20-200 SCFH, where high volumes of CO₂ are required. Customers may also choose between a standard diffuser for CO₂ injection and an optional venturi eductor. 115 VAC and 230 VAC versions are both available.

CO₂ also assists in maintaining Total Alkalinity (TA). Pools that use exclusively acid (which rapidly depletes alkalinity) for pH control will find it very difficult to maintain TA at acceptable levels, which leads to erratic pH and inferior water quality.

However, CO₂ can be used very effectively in conjunction with acid to control both pH and alkalinity. BECSys7 and BECSys5 controllers, equipped with a BECSys Alkalinity Meter, will monitor pool TA and automatically select between acid and CO₂ for pH control based upon operator-defined TA set points. In most pools routine bicarb additions to maintain alkalinity will no longer be necessary.

Features

- ✓ Safe and effective pH control
- ✓ NSF Certified and Listed to NSF/ANSI Standard 50
- ✓ 1 year manufacturer's warranty
- ✓ Provides optimal performance with all BECSys controllers
- ✓ Full line of compatible CO₂ accessories also available



Certified to
NSF/ANSI/CAN 50

Pressure Regulator

- Regulates pressure coming out of CO₂ tank to acceptable levels
- Forged brass body and housing cap with large 2" gauges
- Maximum inlet pressure 3000 PSIG
- Delivery range 4-80 PSIG



CO₂ Heater

- In high-volume CO₂ delivery applications CO₂ supply lines may freeze due to differences in pressure
- Adding a BECSys CO₂ heater is a simple way to prevent CO₂ supply lines from freezing
- 120VAC and 240VAC versions available

CO₂ Tank Switchovers

- Eliminates down-time when primary CO₂ tank is exhausted (which always seems to happen on a long weekend!)
- Choose from Automatic or Manual tank switchovers
- **Automatic:** Automatically switches over to a full CO₂ tank
- **Manual:** Simply flip the paddle to switch over to a full CO₂ tank
- With either switchover CO₂ feed continues so the exhausted tank can be changed on your schedule

Automatic



Manual



You're in great hands!

BECS Technology has been designing and manufacturing the world's most reliable and innovative water chemistry controllers for nearly 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!

Document #6107-A

