

The safe, reliable choice for pH balance...bulk CO₂.



Why Use CO₂ in Swimming Pools?

CO₂ is the safest, most reliable alternative to using sulphuric acid to balance the pH level of your chlorinated water. Maintaining the desired pH level of your water is critical to ensure swimmers' comfort and safety.

CO₂ replaces acid and is easily regulated by your automatic control system. It provides several benefits for your operation.

Improves Overall Water Quality

The use of CO₂ lowers the total alkalinity of the water by combining with the water to form mild carbonic acid that creates a natural buffer against sudden spikes in pH from chlorine shock treatments.

By consistently maintaining an optimum pH level, you will:

- Ensure safe water conditions
- Improve water clarity
- Use fewer chemicals
- Have less damage to pool surfaces

Eliminates Dangerous Acids & Saves Money

By using CO₂, you eliminate the dangers and costs associated with sulphuric acid:

- No more use of acid feed pumps
- No more dangerous fumes in the mechanical room from the mixing of chlorine vapor and acid
- Minimizes mechanical room corrosion
- No costs incurred for acid feed pump maintenance or tubing replacement

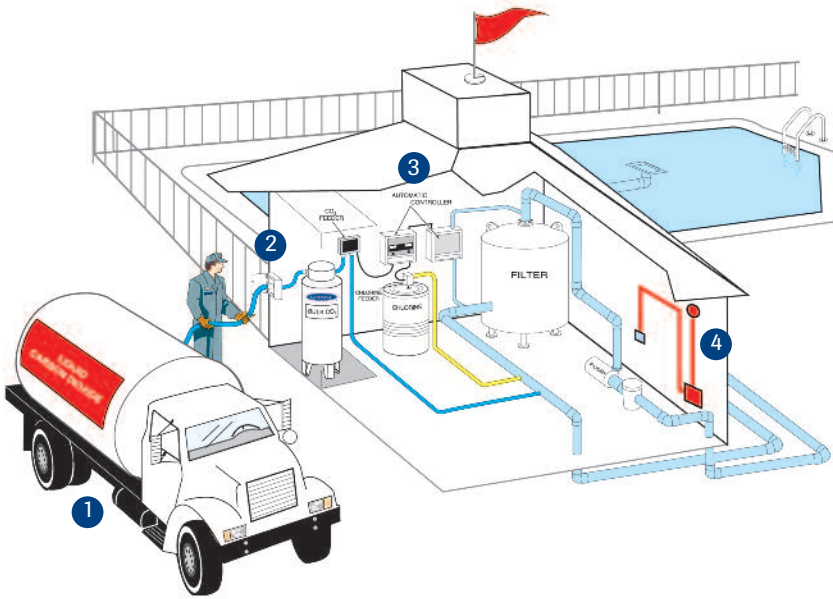


Innovation. Experience. Performance.®

The safe, reliable choice for pH balance.



The Chart Bulk CO₂ Swimming Pool System



One Carbo-Series bulk system meets all of your CO₂ requirements. The system requires zero employee handling and provides a continuous supply of CO₂.

- ✓ **Stationary automatic system**
100% stainless steel construction, permanently installed and self-contained with no electricity required
- ✓ **Maximizes limited space**
One system uses less than 3 sq. ft. of floor space.
Indoor or outdoor installation.
- ✓ **Sized to match usage needs**
Available in a variety of sizes, the Carbo-Series will meet the unique demands of your business volume

Improve Overall Water Quality - It works like this:

- 1 Liquid CO₂ is delivered in bulk right at your site.
- 2 Liquid CO₂ is securely transferred through the outside wall into a Carbo-Series bulk storage tank.
Note: The bulk CO₂ tank can also be installed outdoors.
- 3 CO₂ gas is dispensed from the Carbo-Series bulk storage tank, providing continuous pH control.
- 4 A CO₂ Monitoring System assures the safety of your working environment.

MADE IN

U.S.A.



**Stainless steel tank construction
with corrosion resistant coating.**

Your Local Representative



©2012 Chart Inc.

Chart Inc.
U.S.: 1-800-247-4446
Worldwide: 952-758-4484
www.chartindustries.com

P/N 20609838