



*Carbo-Nation News*

Volume 9, Issue 2 - May 2016

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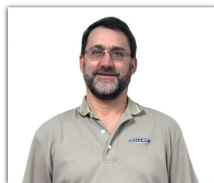


**ISBT Releases Document  
Covering Fountain Beverage  
Standards**



**Carbo Tip of the Quarter  
Regulator Differences  
to Control Tank Pressure**

There is a difference in the type of regulators that are used on the two styles of liquid bulk CO<sub>2</sub> tanks that control the internal pressure of the tanks.



**Jeff Wick**  
Beverage Technical Service

As stated in an earlier edition of the Carbonation, Volume 6 Issue 2, a Carbo-Mizer<sup>®</sup> style tank uses a pressure building regulator and the Carbo-Max<sup>®</sup> style tank uses the economizer regulator (pressure relief) to control pressure in the tank.

It is critical that the proper regulator is used on the

In March, the International Society of Beverage Technologists (ISBT) released a new document 2016 titled *Fountain Carbon Dioxide Quality and Food Safety Guidelines*. This document is an industry standard covering CO<sub>2</sub> purity, risk analysis /prevention, container filling, transport, storage, dispensing and safe handling of CO<sub>2</sub> used in fountain beverage applications. The document provides details in several specific areas of bulk beverage CO<sub>2</sub> operation including:

- Bulk product receipt & testing
- Hose requirements
- Tank purging or change of service
- Delivery unit loading requirements
- Food safety security

right tank when replacing in the field or the tank will lose pressure and dry ice the tank.

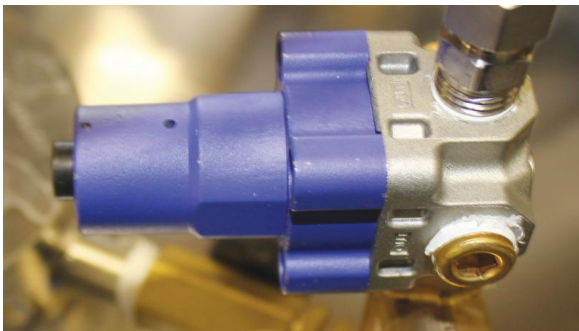
The pressure setting for the pressure building regulator are 125 or 140psi depending on the model regulator being replaced. The pressure setting for the economizer regulator are 140 or 150 depending on the model regulator being replaced.

All the regulators are factory set from the vendor so no adjustments should be needed in the field for normal operating pressures.

[CLICK HERE to see Beverage Technical Service Bulletins](#)



Pressure building regulator on a Carbo-Mizer<sup>®</sup> style tank.



Economizer regulator or pressure relief regulator is on a Carbo-Max<sup>®</sup> style tank.

**YOUR CARBO TANKS  
ARE SMART  
@ LOCH.US**

**With one scan or search from a mobile device, technicians, installers and inspectors can access critical information about the Carbo Series tank in from of them.. INSTANTLY!**

- Mini bulk delivery requirements
- Product traceability
- Mini-bulk and HP bulk system installation requirements
- Mini-bulk commissioning, operation and maintenance
- Periodic tank inspection and purging
- Bulk storage receiver testing
- Piping systems

The document is a good guideline for best practices related to the supply of beverage CO<sub>2</sub> and related equipment.

The ISBT is an international organization created to develop and promote technical standards for the non-alcoholic beverage industry. It is comprised of members from the beverage, scientific, packaging and food gases industry. ISBT members work together through committees to develop the published guidelines and standards. Membership is open to any person engaged in the technology, production and distribution of beverage products.



For more information on the ISBT, its membership, how to join, how to provide input into guidelines and access to documents, contact the ISBT at [www.bevtech.org](http://www.bevtech.org).

## New Warranty Offer Chart Extends Vacuum Guarantee to Seven Years

In the cult classic film, This is Spinal Tap, the band's lead singer Nigel Tufnel proudly explains the band's amp is better because it goes to 11. "The numbers all go to 11," Tufnel exclaims. "Look, right across the board, 11, 11, 11 and..." Much like 11 differentiated the band's equipment from other rock bands, Chart Industries is differentiating itself from the rest of the cryogenic equipment manufacturers by extending the warranty on the vacuum of its liquid cylinders from five to seven years.

Chart has taken pride in developing the best thermal insulation system possible on all its beverage systems CO<sub>2</sub> storage tanks and portable liquid cylinders. Chart's Vacuum



Technology<sup>®</sup> and Super Insulation are at the core of why Chart's storage tanks are recognized globally as the premier cryogenic storage tank.

By increasing the vacuum warranty by seven years on the [Carbo-Mite<sup>®</sup>](#), [Carbo-Mizer<sup>®</sup>](#) and [Carbo-Max<sup>®</sup> Bulk CO<sub>2</sub> Systems](#) and on the [Dura-Cyl<sup>®</sup>](#), [Laser-Cyl<sup>™</sup>](#), [Cryo-Cyl<sup>™</sup>](#) and [Mega-Cyl<sup>™</sup> Liquid Cylinders](#), Chart stands behind its

**Lockhouse brings major advantages to Chart distributors including instant access to critical tank information at no charge.**

**Lockhouse tanks are tracking ready for a tracking system and with a subscription to Lockhouse, distributors can gain access to**

**GPS information, business analytics, distributor specific critical information, branding and more.**

**<http://lockhouse.com>**

**Contact Lockhouse representative for subscription information at [jglessner@lockhouse.com](mailto:jglessner@lockhouse.com)**

## **QUESTIONS?**

***We are only a phone call away!***

**800.247.4446**



**Cathy Bartusek  
Customer Service-Beverage  
Chart D&S Group**

products to provide customers with the lowest life-cycle cost to protect their investment.

Learn more about our [extended warranty](#).

## **Upcoming Trade Shows**

We love to see our distributors out and about so stop by our booth at any upcoming show and say "Hi!"

- |            |  |
|------------|--|
| May 21-24  | National Restaurant Association (NRA),<br>Chicago (Booth 1412)     |
| Oct. 18-21 | NACS Show, Atlanta (Booth 5817)                                    |
| Nov. 6-9   | Pack Expo International, Chicago<br>(Booth S-2378), South Building |

## **Upcoming Chart Events**

- |             |  |
|-------------|--|
| Sept. 20-21 | Beverage Technical Training, Ball<br>Ground, GA. |
| Sept. 22    | Beverage GeN2 Training, Ball<br>Ground, GA.      |

