



MVE Beverage Systems

Technical Service Bulletin

Component Change

Date:

October 29, 2002

Subject:

Sure-Fill™ Assembly

Products Affected:

Sure-Fill equipped Carbo-Charger, Carbo-Mizer, and Carbo-Max CO₂ storage vessels manufactured between January 2002 and September 2002.

Description:

The patented Sure-Fill is a ventilation assembly that allows a vessel to be filled efficiently without need to manually vent excess CO₂ pressure from the vessel during the fill process. It automatically terminates the fill process when the vessel reaches its proper “full” level.

Instances of leakage have been discovered at the Sure-Fill tube plug (seal) on a few vessels that were produced between January and September 2002 . Chart has identified and corrected the cause of this occasional condition. Additionally, Chart has developed a retrofit Sure-Fill tube that will correct such leakage on vessels in service that were produced within that time frame and have a leak at the Sure-Fill plug seal. The retro-fit Sure-Fill tube assemblies are specific for vessels experiencing Sure-Fill plug seal leakage and are available from Chart without charge. **Note:** Vessels that contain liquid CO₂ and do not have a leak at the Sure-Fill plug seal are not subject to the condition and do not require the retro-fit assembly.

Procedure:

Chart’s part number for a 3/4 - 16 UNF retro-fit Sure-Fill tube assembly (for a Carbo-Charger or Carbo-Mizer) is 11764313. The part number for a 7/8 - 14 UNF retro-fit Sure-Fill tube assembly (for a Carbo-Max 600) is 11764330. When ordering a retro-fit Sure fill tube assembly please provide the model and serial number of the affected vessel. Chart will arrange replacement and immediate shipment of the assembly at no charge. This parts replacement program is in effect for orders placed by March 31, 2003. **Caution: Before removing a Sure-Fill tube assembly from a CO₂ storage vessel be sure that the vessel is empty and has no internal pressure!**

This corrective measure is a result of Chart’s continuous attention to high product quality. Chart apologizes for any inconvenience that this very limited incidence of Sure-Fill tube plug leakage may have caused. If you have concerns or questions relative to this action, please contact your Chart Technical Service Representative at 800-253-1769 or 952-882-5000. Thank you for continuing to depend on Chart for providing high product quality and service.



Sure-Fill plug tube assembly with retro-fit o-ring seal design.