



Beverage Systems

Technical Service Bulletin

Component Change

TSB-Y10-002

Date:

January 25, 2005

Subject:

Flush Mount CO₂ Fill Box Modification

Effective Date:

Mid-March 2005

Products Affected:

All new Chart Beverage Systems CO₂ storage vessel installations and existing fill box replacements as needed where the box is installed flush with the (outdoor) surface of a wall.

Description:

The stainless steel fill box is a major component of a stationary CO₂ fill circuit. It provides access to the CO₂ fill fitting while providing the port for safely venting excess CO₂ gas outdoors.

The brass fill fitting inside the fill box will become worn or may be damaged over time after repeated CO₂ delivery connections. It will eventually need to be replaced. To enable its easy replacement, the fill fitting (P/N 11381021) is simply fastened onto four studs in the fill box using 1/4"-20 stainless steel locknuts (P/N 2914071.) The box does not need to be removed to replace the fill fitting. In fill boxes manufactured before this modification, replacement of the fill fitting (P/N 11014459) requires removal of a mounting plate inside the box, and removal and replacement of six mounting rivets.

Note: When replacing a fill fitting in the modified fill box, the lock nuts should be tightened to a torque not to exceed 100 inch-pounds to avoid breaking the mounting studs.

This product modification is intended to simplify fill box maintenance. It was made standard after prototype fill boxes were thoroughly and successfully evaluated in field service. The part number (9723139) for the flush mount fill box has not changed.

If you have concerns or questions relative to this action, please contact your Chart Technical Service Representative at 800-253-1769 or Customer Service at 800-247-4446. Thank you for continuing to depend on Chart for providing high product quality and service.

