



MVE Beverage Systems

Technical Service Bulletin

Component Change

Date:

December 15, 2000

Subject:

Restaurant Surface Mount Fill Box
Modification

Tank Models Affected:

All new MVE restaurant CO₂ storage vessel installations and existing box replacements as needed where the fill box is mounted onto the 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. Over time and after repeated CO₂ delivery connections, the brass fill fitting within the box may become damaged or worn and will need to be replaced. Fill fitting (P/N 11014459) replacement on previous style surface mount fill boxes requires either the removal of a mounting plate inside the box or removal of the box from the wall. It also requires removal and replacement of six mounting rivets. To enable its easy replacement, the fill fitting (P/N 11381021) in the modified box is mounted with ¼-20 stainless steel locknuts (P/N 2914071) onto studs that are permanently fastened to the fill box. The fill box will not need to be removed from the wall to make a fill fitting replacement. Also included in this modification is the relocation of the safety snap connection point to the bottom left side of the box as shown in the drawing.

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

This modification was intended to simplify fill box maintenance. It was made standard after prototype fill boxes were thoroughly and successfully evaluated in field use. The fill box part number (9722279) 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 952-882-5000. Thank you for depending on Chart to provide high product quality and service.

