



Bulk CO₂ Systems

Technical Service Bulletin

Component Change

TSB-BEV-1032

Date: April 6, 2020

Subject: New NSF Vaporman connection kit to connect to the NSF Beverage bulk tank.

Products Affected: The Chart Beverage System CO₂ bulk tanks have been redesigned to the NSF specification and in doing so the Vaporman will not connect to the new NSF plumbing configuration. An NSF Vaporman connection kit has been created to easily connect the Beverage System CO₂ bulk tank to the Vaporman.

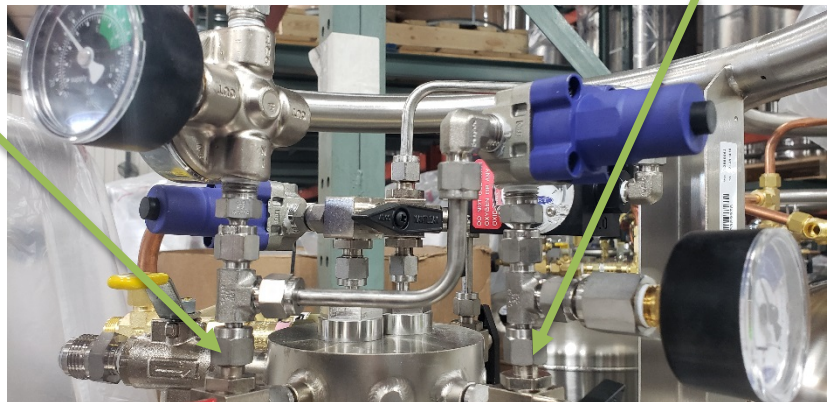
Description: The NSF Beverage System CO₂ bulk tank design has reduced the number of NPT fittings greatly and replaced them with compression style fittings. In doing so the Vaporman connections kit needed to adapt to these new compression style fittings to make the proper connections.

When connecting the Vaporman to a Chart NSF Beverage Tank using the new Vaporman connections kit follow the steps shown below.

Step 1. Loosen Compression Nut

Step 1. Loosen Compression Nut

1. Loosen the top Gas supply and Economizer isolation valve compression nuts. Once loosened remove the entire circuit from the tank leaving the isolation valves in place.



2. Remove the tube stub fitting from the outlet of both the Gas Supply and Economizer regulator so that you can reuse it in the NSF Vaporman connection kit.

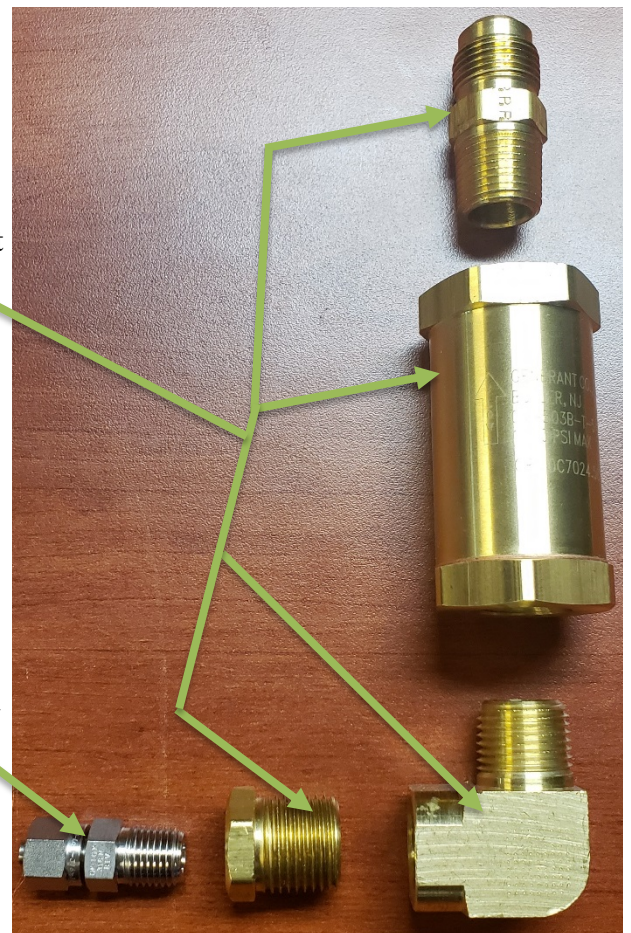
Step 2. Tube stub fitting removal



Step 3. NSF Vaporman Connection Kit

3. With the fitting removed from each regulator in step 2 assemble the NSF Vaporman connection kit as shown in the picture to right.

Step 3. Reused fitting from Step 2



Step 4. Turn Gas Supply & Economizer Isolation Valves like so

4. Before assembling the NSF Vaporman Connection kit to the tank, turn both the Gas Supply and Economizer isolation valves on the tank as shown in the picture to the right. This will allow the NSF Vaporman Connection kit to lay on the top head of the Beverage tank without putting any stress on the isolation valves when assembled. Once the Gas Supply and Economizer isolation valves have been turned, assemble the NSF Vaporman Connection kit as shown to the right.



Step 4. Assemble NSF Vaporman Connection Kit to each Circuit

5. Once the NSF Vaporman Connection kit has been assembled to the Gas Supply and Economizer circuit attach the a Vaporman hose to the outlet of each circuit as shown to the right.



Step 5. Assemble Vaporman hose to outlet of circuits

NSF Vaporman Kit Part Number for connecting to Standard Beverage Tank: 21553200

Contact: If you have concerns or questions relative to this action, please contact your Chart Technical Service Representative at 1-800-247-4446. Thank you for depending on Chart for high product quality and service.