



INSTALLATION INSTRUCTIONS

CARBONATED WATER MANIFOLD REPLACEMENT KIT (P/N 569000214) ON VENTURE POST-MIX DISPENSERS

SAFETY



WARNING:

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

Failure to comply could result in serious injury, death or damage to the equipment.

QUALIFIED SERVICE PERSONNEL



WARNING:

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.

SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:



WARNING:

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.



CAUTION:

Always be sure to keep area around the unit clean and free of clutter. Failure to keep this area clean may result in injury or equipment damage.

TO THE USER OF THIS MANUAL

These instructions outline the step-by-step procedures to replace the plastic water manifold located behind the Dispenser front access panel (see Figure 1) with parts contained in the Water Manifold Replacement Kit (P/N 569000214). Retain these instructions as part of your equipment manual.

The following is a list of the Venture Post-Mix Dispensers that this manifold replacement kit is to be installed on.

417354XXXX, 417355XXXX, 417356XXXX, 417365XXXX, 417366XXXX, 418355XXXX, 497354XXXX, 497356XXXX, 497400XXXX, 497401XXXX, and 498356XXXX.

NOTE: Make sure all kit items are present and in good condition.

Table 1. Loose-Shipped Parts			
Item No.	Part No.	Name	Qty.
1	309854000	Tubing Clamp	20
2	4422	Tube, .250 inch I.D. x 1.5 inches long	3
3	77060100	Tee Fitting, 1/4-Barbed (3)	3
4	4423	Product tubing, .250 I.D.	3
5	569000215INS	Installation Instructions	1

PREPARING DISPENSER FOR KIT INSTALLATION

1. Disconnect electrical power source from the Dispenser and the external carbonator (if applicable).
2. Close shutoff valve in water inlet supply line that supplies plain water to the carbonator.
3. Shut off CO₂ supply to the carbonator.
4. Pull up on carbonator carbonated water tank relief valve to release CO₂ pressure from the carbonated water tank and system (on Dispensers with built-in carbonators, it will be necessary to remove the Dispenser hood for access to the carbonated water tank relief valve).
5. Remove screws securing Dispenser front access panel, then remove panel for access to the plastic carbonated water manifold located behind the panel (see Figure 1).
6. Cut plastic straps securing rubatex insulation around the old plastic carbonated water manifold, then remove rubatex. Retain rubatex insulation for re-installation on the new installed carbonated water manifold configuration.

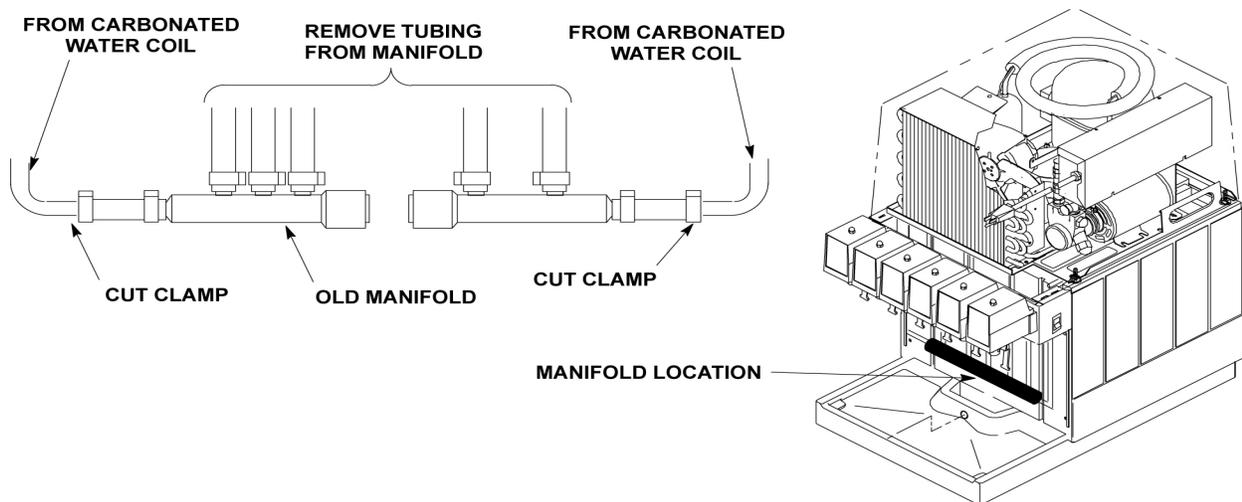


Figure 1. Plastic Carbonated Water Manifold Location

INSTALLING CARBONATED WATER MANIFOLD KIT

1. Remove the valves and mounting blocks.
2. Remove the carbonated water tubes leading to the dispensing valves from the plastic carbonated water manifold(s) outlets (see Figure 1).
3. Cut clamp(s) connecting the plastic carbonated water manifold(s) tube(s) connected to the carbonated water cooling coil(s) (see Figure 1), then disconnect tube(s) from coil(s). Discard old plastic carbonated water manifold(s).
4. Install new carbonated water manifold configuration on the Dispenser by using kit parts which are listed in Table 1. Refer to applicable Figure 2 (Four-Flavor Dispenser), Figure 3 (Five-Flavor Dispenser), or Figure 4 (Six-Flavor Dispenser) for correct manifold configuration for your Dispenser. Make sure tubing connections are properly clamped and steel tubing has not been kinked.
5. Install the mounting blocks and the valves.

RESTORING DISPENSER TO OPERATION

1. Restore CO₂ supply to the carbonator.
2. Open shutoff valve in water inlet supply line that supplies plain water to the carbonator.
3. Connect electrical power source to the Dispenser and the external carbonator (if applicable).
4. Dispense from dispensing valves to bleed all air out of the carbonated water system.
5. Check new installed carbonated water manifold configuration tubing connections for leaks and repair if necessary.
6. Using rubatex, removed and retained in step 6 of PREPARING DISPENSER FOR KIT INSTALLATION, re-insulate the new carbonated water manifold configuration.
7. Install Dispenser front access panel and secure with screws.

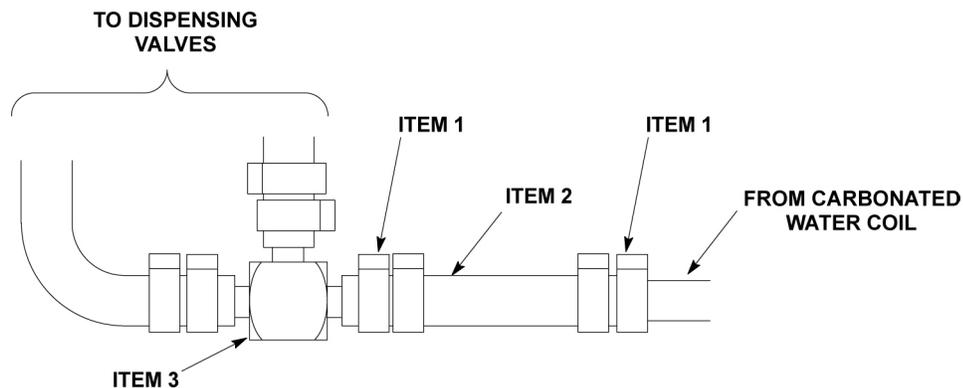


Figure 2. Four-Flavor Dispenser

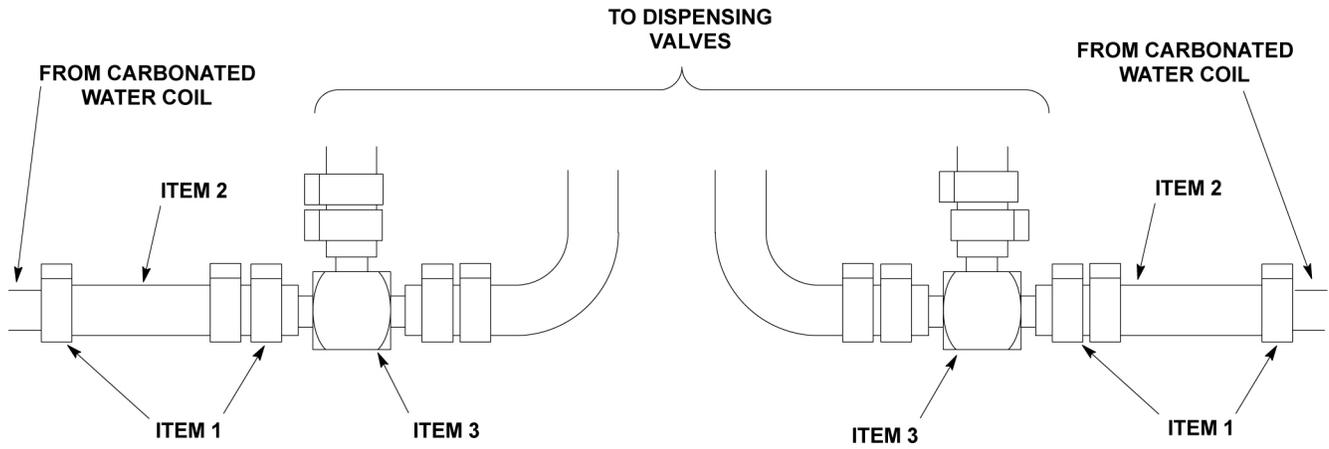


Figure 3. Five-Flavor Dispenser

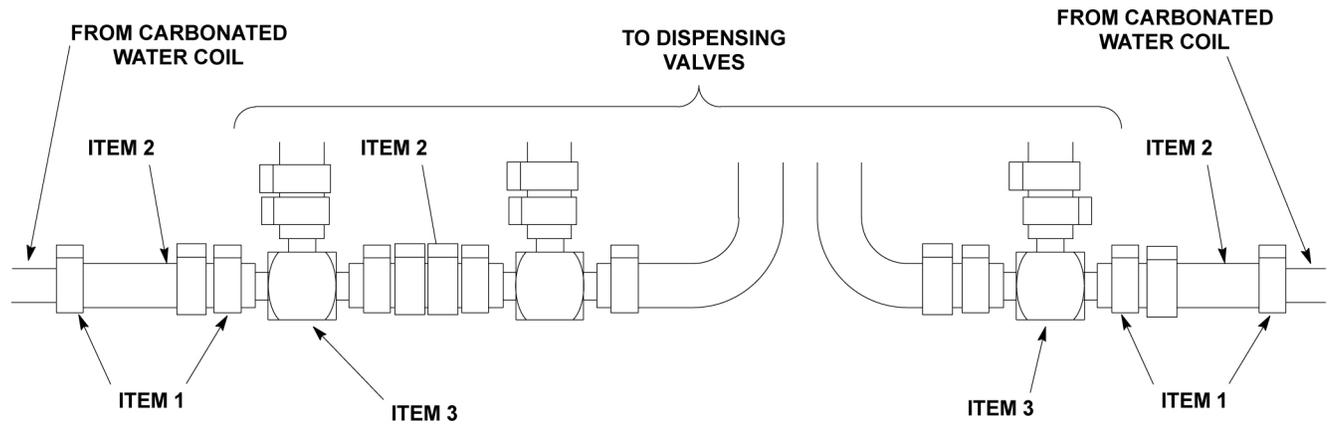


Figure 4. Six-Flavor Dispenser