




VIPER CART PLUMBING Installation Instructions

Safety Instructions

Safety Overview

- Read and follow ALL SAFETY INSTRUCTIONS in this manual and any warning/caution labels on the unit (decals, labels or laminated cards).
- Read and understand ALL applicable OSHA (Occupational Safety and Health Administration) safety regulations before operating this unit.


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.**


IF THE SUPPLY CORD IS DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER, ITS SERVICE AGENT OR SIMILARLY QUALIFIED PERSONS IN ORDER TO AVOID A HAZARD.


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 following all lock out/tag out procedures established by the user. Verify all of the power is off to the unit before any work is performed.

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

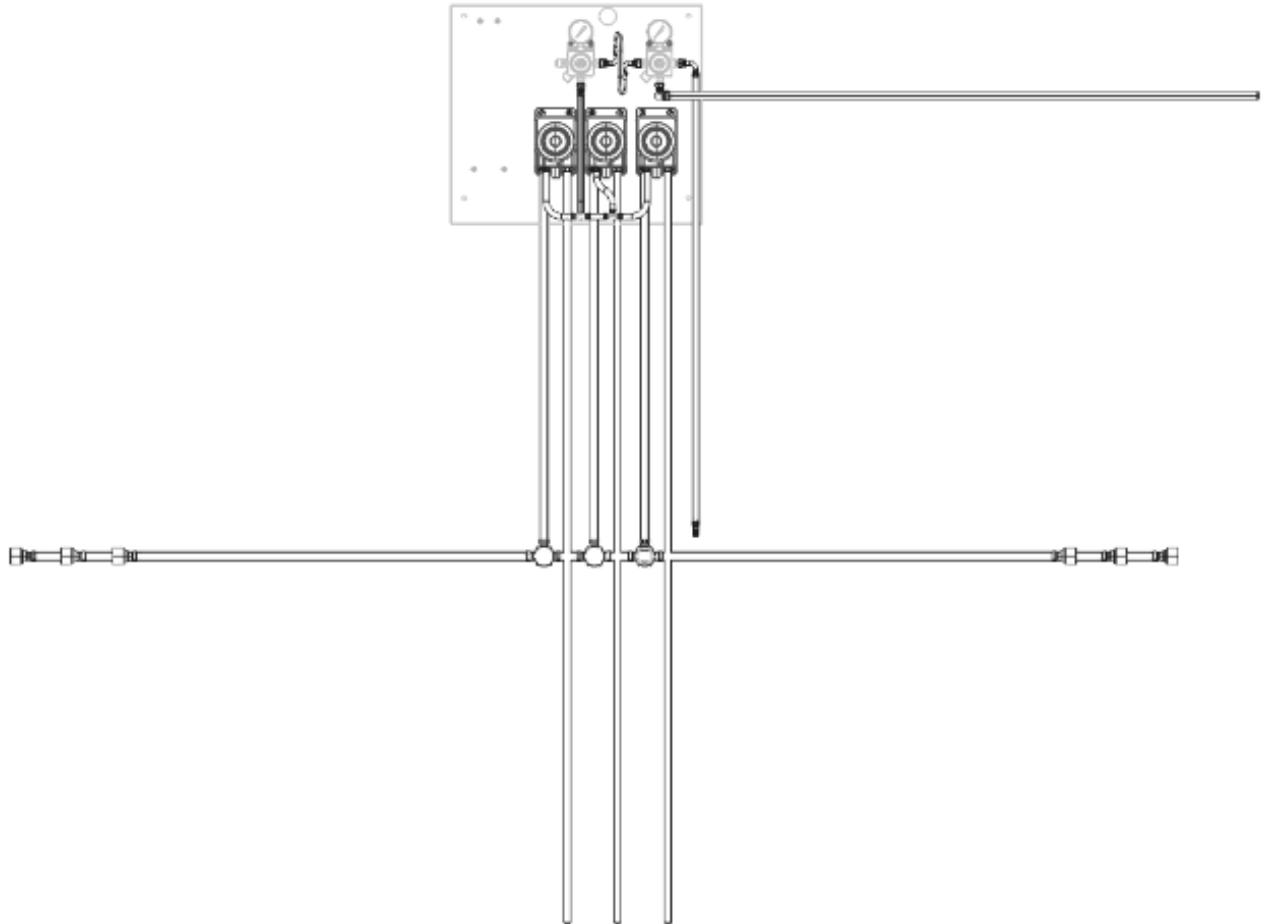
 **CAUTION:**
Always be sure to keep area around the unit clean and free of clutter. Failure to keep this area clean may result in injury or equipment damage.

 **WARNING:**
Do not use dispense spigot or mixer to lift or move unit as this could result in personal injury.



Included Components

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	620071983	TRAY ASSY 3FL PRE PLUMBED CART



Additional Required Items – Purchased From Cornelius

1. 621058789 CART VIPER 3FL SS
2. 3 Flavor Viper Unit

Additional Required Items – Supplied by Installer

1. 3/8" diameter tubing from CO2 supply
2. Appropriately sized Oetiker clamps for CO2 and water line connection
3. Backflow prevention device (if required by local codes)
4. Mounting hardware (if not available from Viper mounting to shipping skid or previous cart)
 - a. 4 x 3/8-16 x 2" bolt
 - b. 4 x 3/8" washer
 - c. 4 x 3/8" split lock washer

Plumbing Assembly Installation

1. Mount Viper unit to cart using the same hardware used to mount the Viper to the shipping skid or previous cart. If fasteners are not available to reuse, mount with 4x each: 3/8-16 x 2" bolt, 3/8" washer, 3/8" split lock washer.
2. Remove the back panel of the cart:

a) Lift up on the handle.	b) Rotate the bottom of the panel away from the cart.	c) Pull down to disengage the top of the panel from the cart.

3. Install the Plumbing Assembly

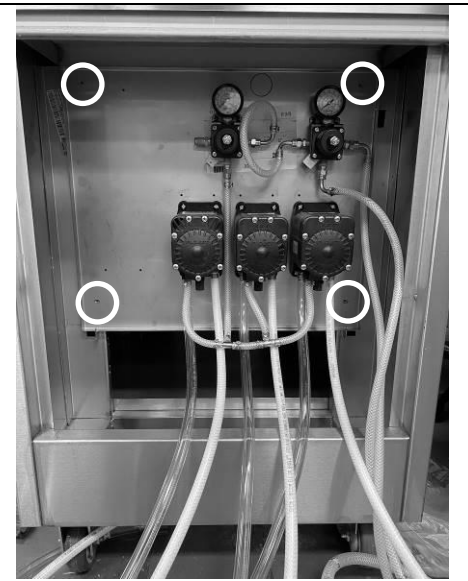
a) Remove and keep the 4 thread-forming screws from the cart frame.	b) Position the pump assembly inside the cart.	c) Place the lower edge of the pump assembly into the lower hooks.



d) Rotate the pump assembly against the cart frame.



e) Slide the pump assembly to the right to engage with the upper hook.



f) Replace the 4 screws removed in step 3a.

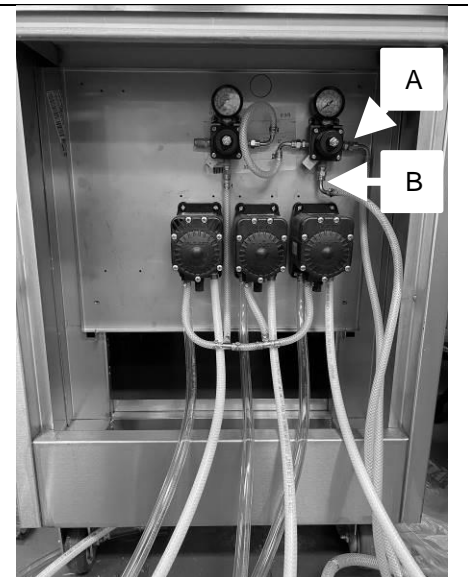
4. Make cart plumbing connections



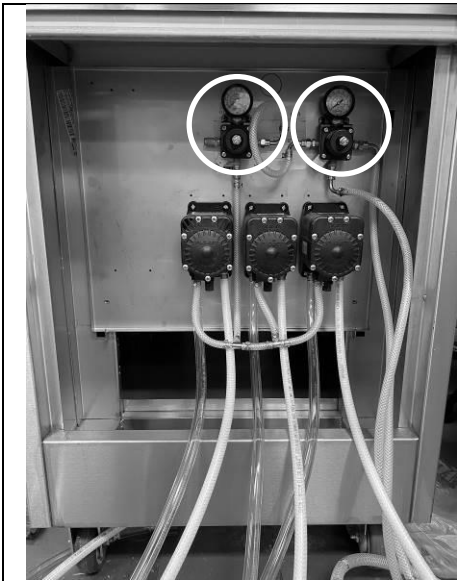
a) Route all plumbing connections to the Viper through the hole in the cart.



b) CO₂ and Syrup lines are labeled – the lines that run from the cart will connect to the fittings on the Viper.



c) Connect CO₂ supply to (A) and connect Viper CO₂ line to (B).

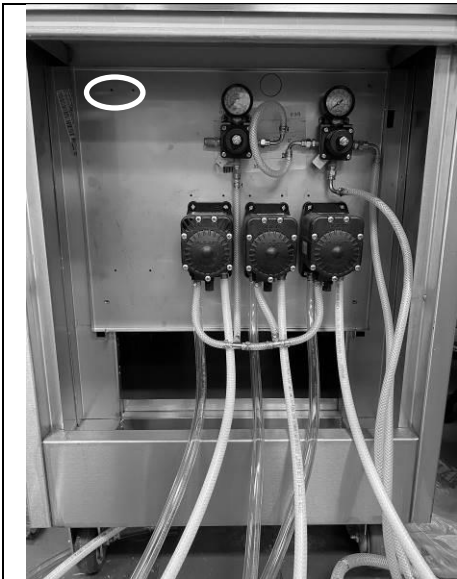


d) Set both CO₂ regulators to 75 psig.



e) Route clear tubing into the front region of the cart for BIB connections.

5. Install Buck-Boost Transformer (if required).



a) Loosen, but do not remove transformer mounting screws.



b) Carefully hang the transformer on the mounting screws.



c) Tighten the mounting screws.



d) Route cords through the large rectangular opening at the bottom of the cart.



e) Connect Viper power cord to transformer.

6) Close Cabinet.



a) Lift up to engage the top of the panel with the cart.



b) Rotate the bottom of the panel into the cart.



c) Lower the panel to secure to the cart.

7) Complete installation of the Viper according to the Viper installation instructions.