

INSTALLATION MANUAL

VIPER BRIX VALVE INSTALLATION INSTRUCTIONS (KIT P/N 629097033)

SAFETY:



WARNING:

Before starting the installation read and understand all safety labels 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 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.

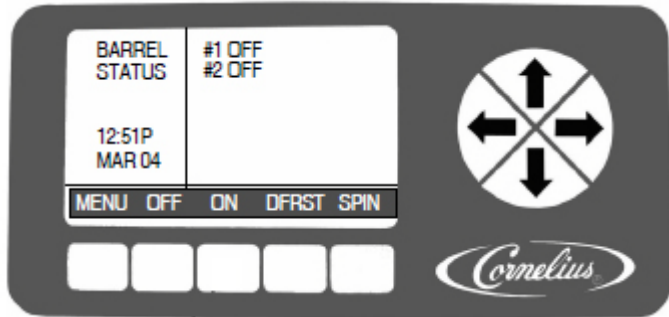
Failure to disconnect the power could result in serious injury, death or equipment damage.

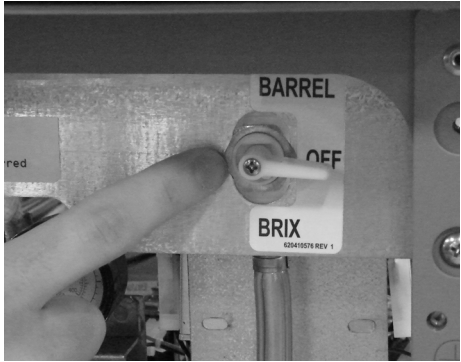
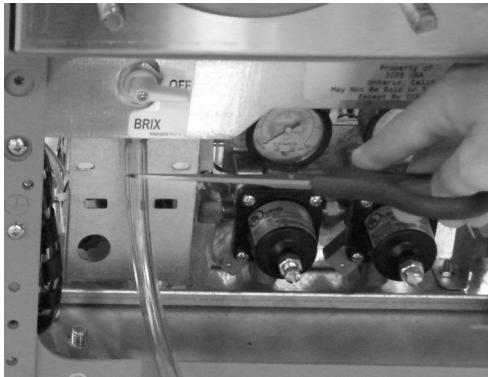
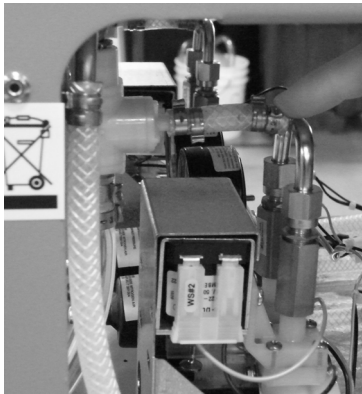
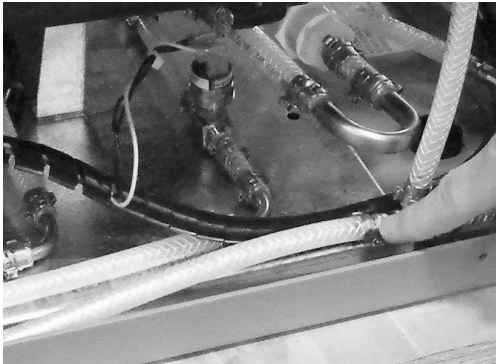


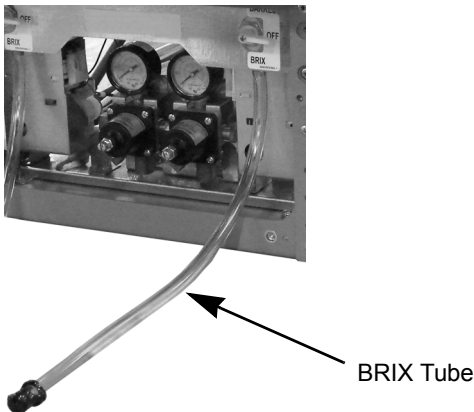
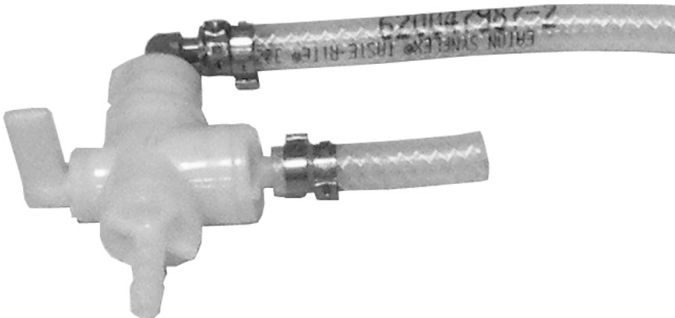
CAUTION:

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.

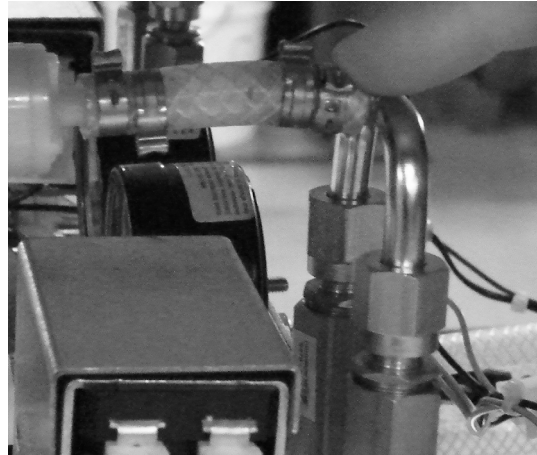
INSTALLATION:

1. Remove splash panel, side panels and rear panel from the unit.	
2. Using the control panel, turn the barrels to the Off position, as shown.	
3. Manually defrost each barrel, using the manual defrost cycle. Refer to the Viper Service manual (p/n 621260373SER) for details.	
4. Shut off the unit and disconnect it from the power source.	

5. Turn the leaking BRIX valve to the center (Off) position.	
6. Purge the barrel associated with the leaking BRIX valve. Refer to the Viper Service manual (p/n 621260373SER) for details. Capture the product from the barrel and dispose of it properly.	
7. When all pressure is relieved from the barrel, cut off the BRIX tube about 1/2 in. below the Oetiker clamp. Save the BRIX tube for reinstallation on the new valve.	
8. Remove the two Oetiker clamps at the Y-fitting and cut the short piece of tubing with a utility knife.	
9. Remove the two Oetiker clamps at the product/CO2 mixing tee and cut the tubing with a utility knife.	

10. Remove the nut from the front of the BRIX valve and save it for use when installing the new valve.	
11. Remove the BRIX valve and tubing assembly through the rear of the panel	
12. Attach the BRIX tube to the new BRIX valve using 2x #12.3 Oetiker clamps, included with kit p/n 629097033	
13. Insert the L-fitting into the top of the BRIX valve.	

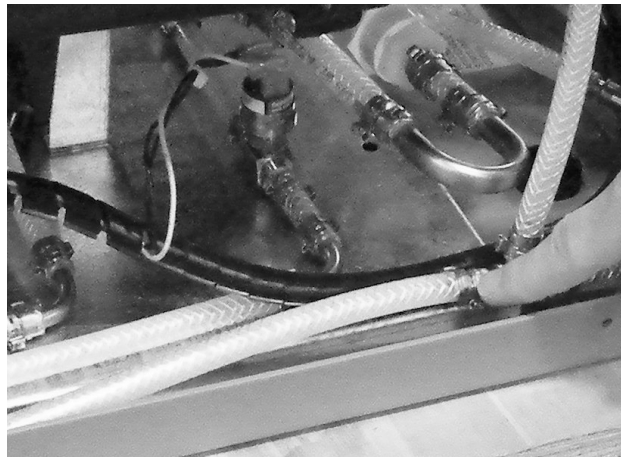
14. Finish assembling the new replacement BRIX valve by attaching the short piece of tubing to the Y-fitting using 2x#11.3 Oetiker clamps.



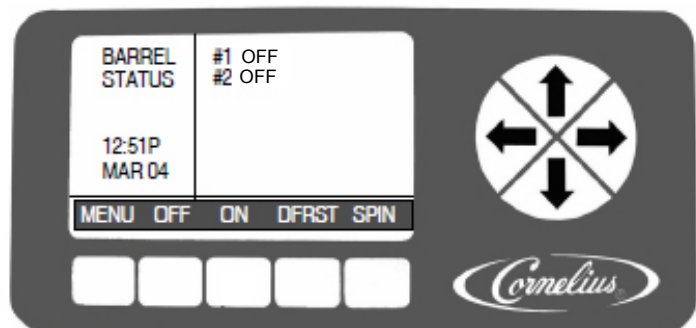
15. Secure the complete BRIX valve assembly to the sheet metal bracket with the nut.

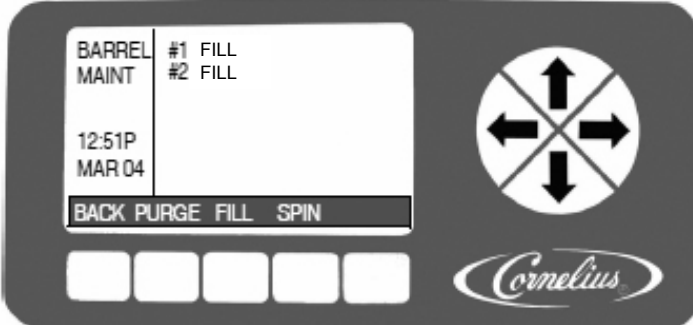
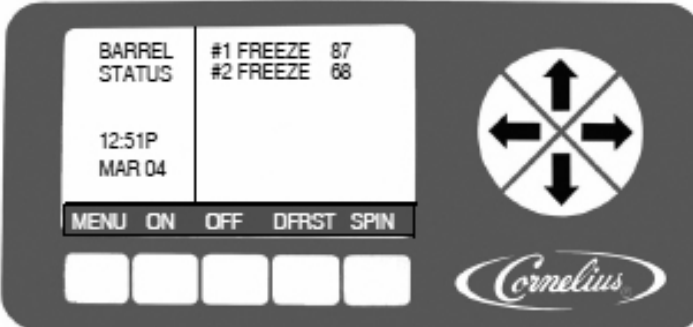


16. Attach the pre-formed kit tubing to the product/CO2 mixing tee using 2x#11.3 Oetiker clamps.



17. Reconnect power to the unit, the menu screen displays the barrel status in the Off position.



18. Press the Menu button and select the MAINT menu, then Select the Barrel Maint option. Make sure BRIX valve is in the Barrel position.	
19. When the Barrel Maint menu opens, select the FILL button on the control panel. Refer to the Viper Service manual (p/n 621260373SER) for details.	
20. Check the new connections for leaks. 21. Press the BACK button to return to the Main screen and press the ON button to place the unit in Freeze mode. The unit should operate normally.	
22. Replace the splash panel, side panels and rear panel to the unit.	