

INSTALLATION INSTRUCTIONS

THERMISTOR KIT (P/N 629096938) ON VIPER FCB DISPENSERS

Read and understand these instructions thoroughly before installing this kit. Retain these instructions as part of your equipment manuals.

NOTE: This Thermistor Kit (P/N 629096938) may be installed on the 2, 3 and 4 Flavor Viper Dispenser models.

NOTE: Only qualified personnel should install this kit.

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.

NOTE: The following instructions outline the procedure to install the thermistor kit on the refrigeration system of the Viper dispenser. It is necessary that the thermistor is attached to the evaporator outlet tubing using thermal grease and spring clip provided to obtain the best performance out of the Viper unit.

Installation Instructions:

1. Disconnect electrical power from the dispenser.
2. Remove side panels from the unit.
3. Locate the faulty sensor.
4. Remove the black duct tape and insulation tubing.
5. Remove the faulty sensor and unplug it from the wire harness.
6. Refer to the following photos to install the new sensor into the unit.
7. Install the side panels and restore electrical power to the unit.
8. Check for proper operation.

Thermistor Replacement Work Instructions



Figure 1

Figure 1 shows the evaporator outlet tubing with Armaflex insulation sleeve removed.

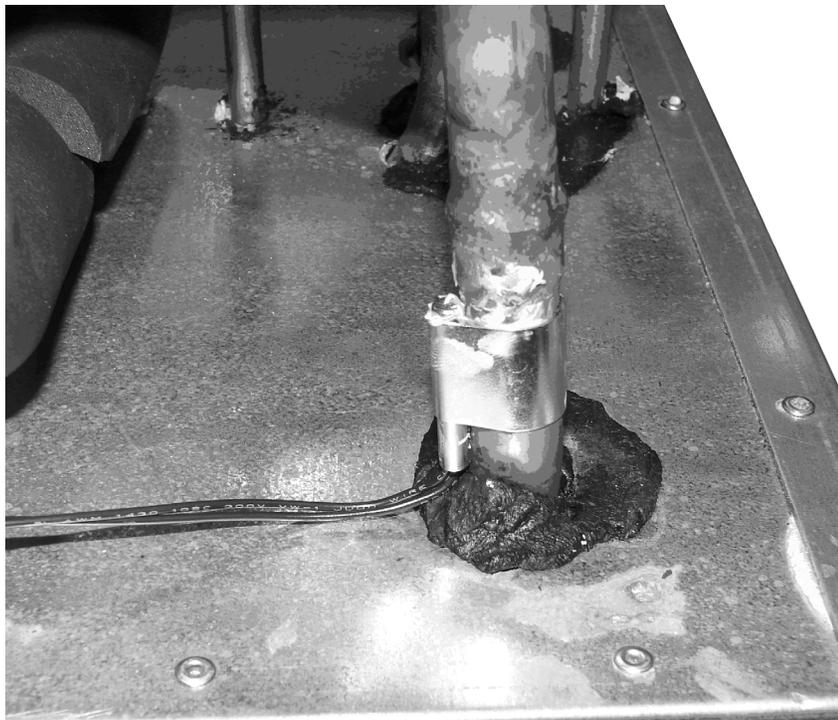


Figure 2

Apply Thermal mastic on the evaporator outlet thermistor (supplied from kit, no photograph shown). Attach the thermistor to the evaporator outlet tubing using the spring clip. Make sure the thermistor and the wire leads are oriented toward the front of the unit, as shown in Figure 2.

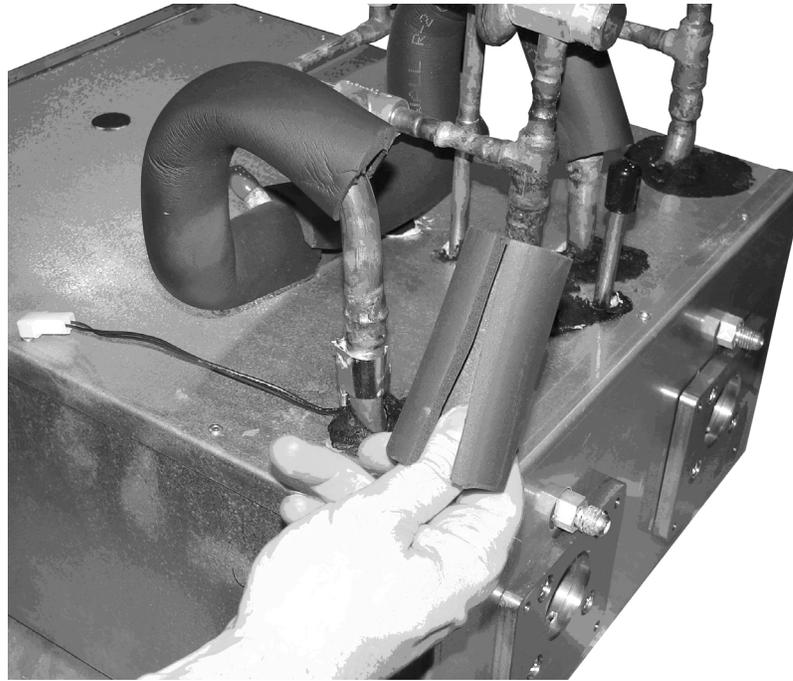


Figure 3

Cut a 4" long Armaflex sleeve 5/8" ID x 3/8" wall (P/N 169225014), supplied from kit, as shown in Figure 3.

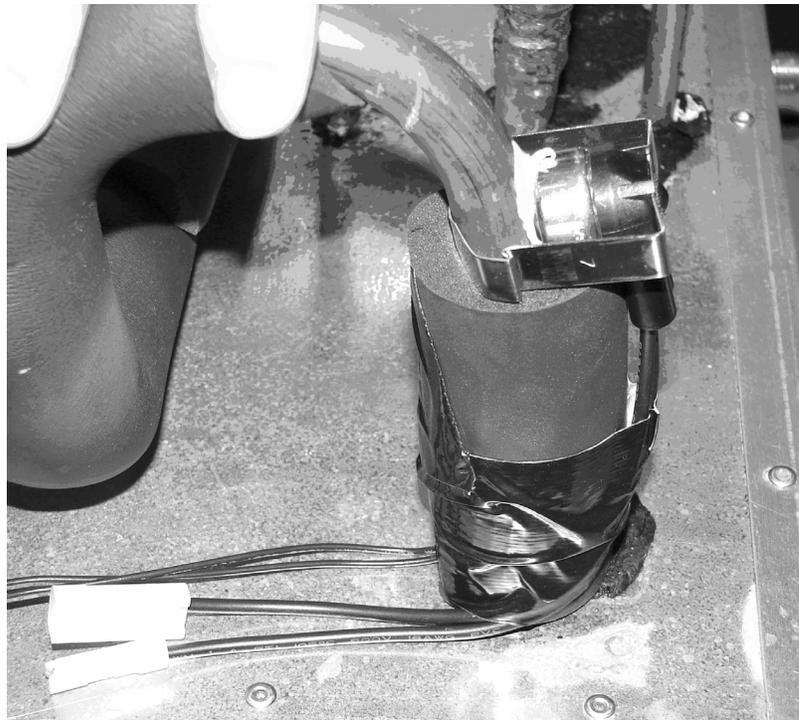


Figure 4

Figure 4 shows how to assemble the Armaflex sleeve on the tubing, which covers the thermistor. Route the wire harness toward the front of the unit and restrain it to the insulation sleeve with black adhesive tape.



Figure 5

Figure 5 shows the rear view of the black adhesive tape.



Figure 6

Pull the insulation sleeve flash with the top side of the TCO, as shown in Figure 6.



Figure 7

Figure 7 shows the back view of the top insulation sleeve.



Figure 8

Figure 8 shows a side view of the top insulation sleeve.



Figure 9

Wrap the entire evaporator outlet line (from the foam pack until the adhesive foam tape is covered) with black duct tape, as shown in Figure 9.



Figure 10

Figure 10 shows a side view of the finished assembly.