

INSTALLATION INSTRUCTIONS

For High Ratio Pump Kit (48433)

SAFETY INSTRUCTIONS

 **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.

INSTRUCTIONS

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.

For Quantum Models:

1. Unplug the unit and at the desired flavor, remove the two existing pump lines.
2. Cut the plastic tubing in the kit into two lengths of 6½ and 8½ inches.
3. Insert the o-ring fitting into the 6½” length and clamp. Install into the bottle adapter outlet port. Repeat the process for the 8½” length into the mixing chamber inlet port.
4. Replace the pump components with the hi-ratio pump and small diameter tubing supplied in the kit.
5. Connect the 6½” length, pump inlet and 8½” length, outlet line to the respective pump circuit connectors. The pump inlet and the pump outlet both use 1/8” barb by 1/4” barb elbows.
6. Apply appropriate tube clamps to the pump tubing and to the plastic tube lengths. Apply cable ties as shown to prevent the pump tubing from kinking.

For Millennium Dispenser 1 & 2

Some unused parts will remain after installation.

1. Unplug the unit. Remove drip pan and grill, remove splash panel on Millennium 1. Slide out pump tray on Millennium 2.
2. At the desired flavor, disconnect the existing inlet and outlet line pump fittings.
3. Replace pump components with hi-ratio pump and small diameter tubing.
4. Re-connect the inlet and outlet lines to the pump circuit. The pump inlet uses a 1/8” X 1/4” barb elbow; the pump outlet uses a 1/8” barb by 1/4” barb straight fitting. Apply appropriate tube clamps and route tubing to prevent kinking, apply cable ties to ensure proper routing.

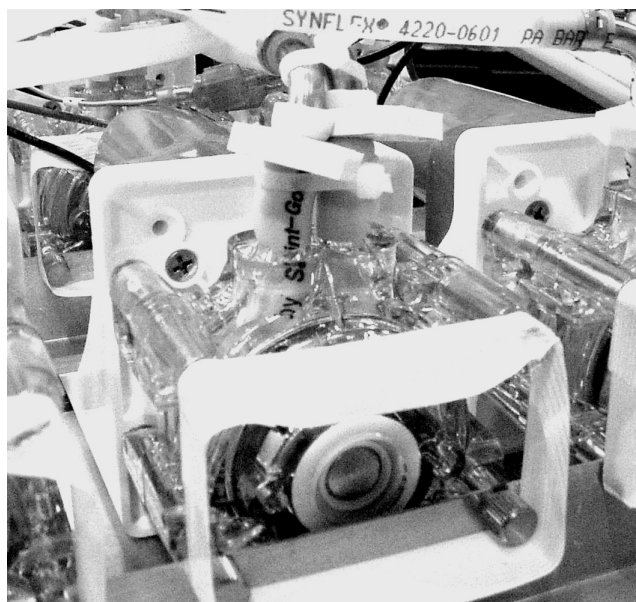


Figure 1.