

CHILL BEV-V INSTALLATION INSTRUCTIONS (P/N 9700924)

SUGGESTED MATERIALS AND EQUIPMENT NEEDED:

- (10 ft.) 3/4" PVC Pipe
- (4) 3/4" PVC Elbow Fitting
- Multipurpose glue for ABS, PVC, and CPVC
- Tubing Cutter
- PVC Pipe Cutter
- Screwdriver or Drill with Bits
- Channel-Lock Pliers
- Adjustable Wrench
- Measuring Tape

NOTE: Do NOT use copper tubing for the CO₂ water line.

General

If you experience any problems with these instructions, contact the Technical Service Department at 630-784-1000 or toll free in the U.S. at 877-392-7854.

Warranty Information

All BEV-V units will be free from defects in materials and workmanship for a period of three years.

General Specifications

CO ₂ Water Connections	3/8" (0.95 cm) barbed fittings with 360° swivel
Drain Water Connections	3/4" (1.91 cm) PVC fittings
Operating Pressure	Min. 30 psi (2.1 kgf/cm ²) Max. 150 psi (10.5 kgf/cm ²)
Electrical Connections	None

Installing the BEV-V

To ensure material compatibility, a multipurpose glue for ABS, PVC, and CPVC must be used. This will ensure a proper bond between the 3/4" PVC and the black ABS Drain Water Inlet.

The BEV-V is furnished with an assortment of plumbing fittings and insulating tape to aid in installation. However, due to the variety of equipment and numerous methods of making connections, all fittings may not be used.

NOTE: Do NOT attach the soda drip tray line to the BEV-V. The excess soda in the drip tray should drain separately to the floor drain. The BEV-V should only be attached to the cold plate drain line that contains the melted ice water.

Before installing the BEV-V, you must determine how to route the cold plate drain line to the unit. Some dispensers route the cold plate drain line(s) into the syrup drip tray. You will need to separate the cold plate drain water from the drip tray by routing a new drain line underneath the dispenser to the BEV-V (See page 2 for suggested manifold assembly to redirect cold plate drain water).

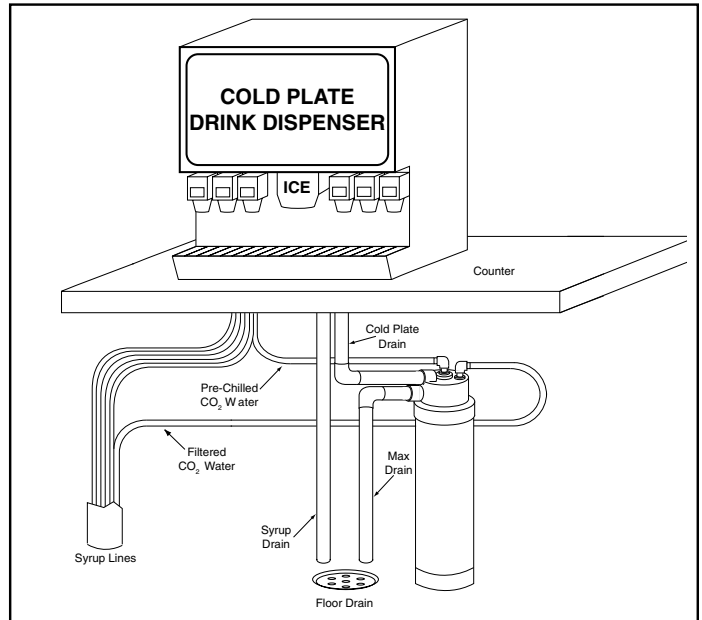


Figure 1. Typical Installation

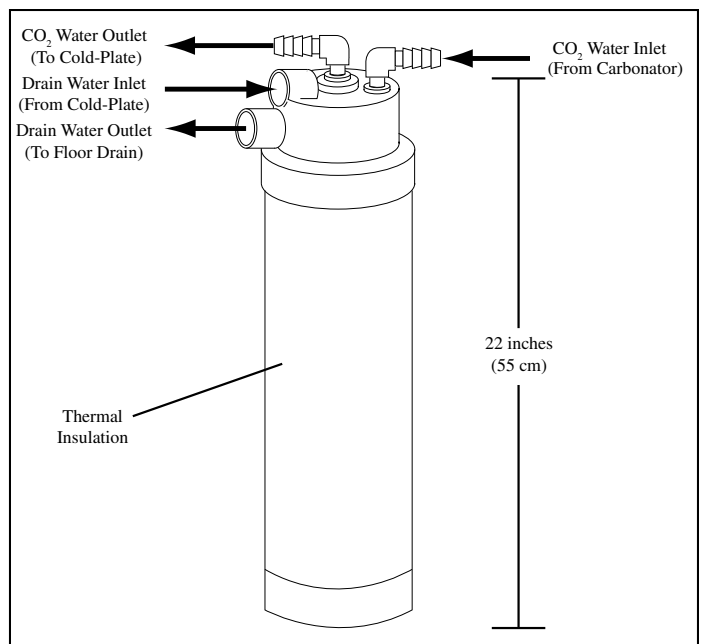


Figure 2. Specifications Diagram

1. Place the BEV-V unit under the countertop where it is intended to be installed and secure the unit in place with the included mounting straps.
2. Use 3/4" PVC tubing to direct the Drain Water Outlet of the BEV-V unit to the floor drain.

CHILL BEV-V INSTALLATION INSTRUCTIONS (P/N 9700924)

3. Connect the cold plate drain line to the Drain Water Inlet on the BEV-V unit using vinyl tubing or PVC pipe.

NOTE: If using vinyl tubing, make sure there are no pinches or kinks in the tubing.

NOTE: The cold plate drain line should be insulated to keep water as cold as possible before it enters the unit and to prevent condensation.

NOTE: Because the cold plate drain line is gravity fed, you should minimize any obstructions to the flow in the tubing.

4. Turn off the fresh water supply valve.
5. Turn off or unplug the carbonator.
6. Relieve the line pressure by depressing the soda valve.
7. Locate the filtered CO₂ water line from the carbonator and connect the line to the BEV-V CO₂ Water Inlet.
8. Connect the pre-chilled BEV-V CO₂ Water Outlet to the cold plate with an insulated line.
9. Turn on the fresh water supply and the carbonator.
10. Check for any water leaks.

Manifold Assembly to Re-route Cold Plate Melt Water From Tray

This manifold assembly only applies to cold plate drink water dispensers that have the melt water drain lines emptying into the soda overflow tray. For proper installation of the BEV-V, it is necessary to re-route the cold plate drain lines underneath the dispenser and into the BEV-V drain water inlet.

SUGGESTED MATERIALS NEEDED:

- (2) 1/2" barbed tubing elbows
- (1) 1/2" barbed tubing T connector
- 6 feet 1/2" ID vinyl tubing
- (1) 1/2" tubing clamps
- (2) 1/2" L-shaped tubing turndowns as supplied with some dispensers

1. Remove the front service panel to gain access to the cold plate drain line outlets.
2. Remove all existing tubing from the exit points on the cold plate, as shown in Figure 3.
3. Construct a manifold as shown in Figure 4 to re-route the cold plate melt water under the dispenser, following the syrup lines, and under the cabinet to be attached to the BEV-V drain water inlet.
4. Use tubing clamps to secure any tubing connections.

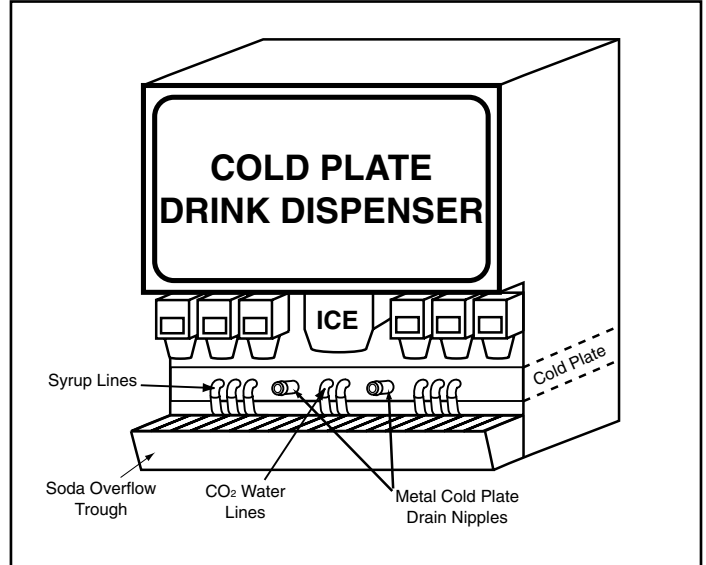


Figure 3. Remove Tubing From Dispenser

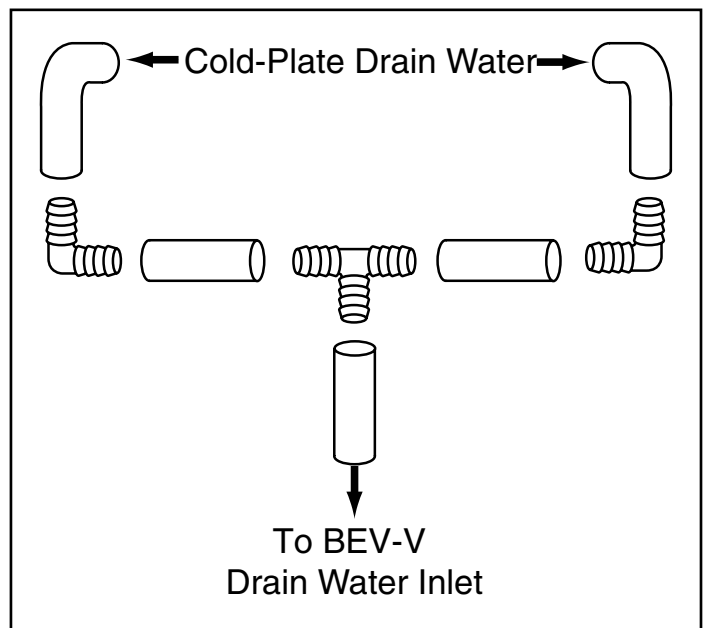


Figure 4. Manifold Construction