

**CHILL BEV-D INSTALLATION INSTRUCTIONS (P/N 9700925)**

**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 CO<sub>2</sub> 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-D units will be free from defects in materials and workmanship for a period of three years.

**General Specifications**

CO <sub>2</sub> Water Connections	3/8" (0.95 cm) barbed fittings with 360° swivel
Sump Water Connections	3/4" (1.91 cm) PVC fittings
Operating Pressure	Max. 150 psi (10.3 kg/cm <sup>2</sup> )
Electrical Connections	None

**Installing the BEV-D**

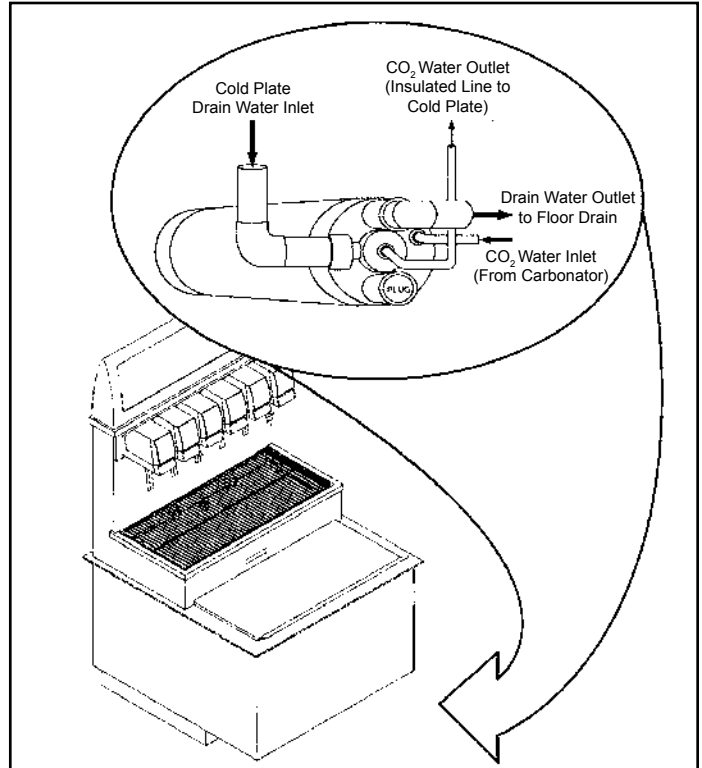
To ensure material compatibility, a multipurpose glue for ABS, PVC, and CPVC must be used. This will ensure a proper bond between the 3/4" PVC and the black ABS Drain Water Inlet.

The BEV-D 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.

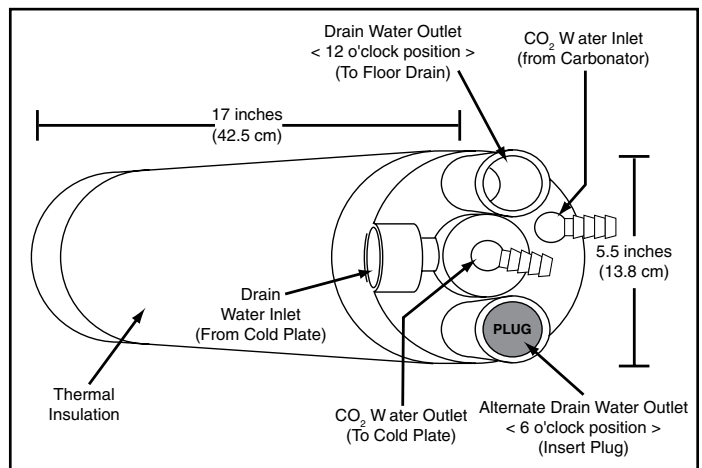
**NOTE: Do NOT attach the soda drip tray line to the BEV-D. The excess soda in the drip tray should drain separately to the floor drain. The BEV-D should only be attached to the cold-plate drain line that contains the melted ice water.**

1. Place the BEV-D on its side (horizontally) beneath the ice bin and attach with the included mounting straps.

**NOTE: Due to gravity flow restrictions, the BEV-D must be mounted entirely beneath the ice bin.**



**Figure 1. Typical Installation**



**Figure 2. Specifications Diagram**

2. Position the BEV-D so the two 3/4" PVC Drain Water Outlets are oriented in the 12 o'clock and 6 o'clock positions.
3. Glue the PVC plug in the 6 o'clock PVC Drain Water Outlet.
4. Install a PVC drain line from the 12 o'clock Drain Water Outlet to the floor drain.

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5. Attach the cold-plate melt line to the 3/4" Drain Water Inlet. This line can be vinyl tubing or PVC pipe.

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

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

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

6. Turn off the fresh water supply valve.
7. Turn off or unplug the carbonator.
8. Relieve the line pressure by depressing the soda valve.
9. Locate the filtered CO<sub>2</sub> water line from the carbonator and connect the line to the BEV-D CO<sub>2</sub> Water Inlet as indicated on the unit.
10. Connect the pre-chilled BEV-D CO<sub>2</sub> Water Outlet to the cold plate with an insulated line.
11. Turn on the fresh water supply and the carbonator.
12. Check for water leaks.