



Chill BEV

Put beverage dispenser waste water to good use with the Chill BEV heat exchanger. This patented system recycles waste water to significantly lower the temperature of incoming fresh water. This improves the quality of drinks and provides water and energy savings by decreasing cold-plate ice consumption, increasing ice availability in the bin, and increasing the draw performance of the cold-plate drink dispensers.

The Chill BEV works through a simple, hassle-free process. Waste water from the cold plate exits the beverage dispenser and enters the reservoir tank of Chill BEV system. As fresh water enters the Chill BEV system, it flows through the reservoir tank in a winding stainless tubing, allowing the cold from the waste water to transfer to the fresh water without the two sources mixing. This reduction of temperature significantly lowers the cooling load of the beverage dispenser's cold plate, extends the life of machine, and improves drink quality by increasing the carbonation retention.

FEATURES AND BENEFITS:

- Lowers temperature of incoming water.
- Reduces cold-plate ice consumption.
- Optimizes ice availability in the bin.
- Saves electricity as minimized ice melt results in less ice production required.
- Reduces frequency of manually filling ice bin.
- Increases dispenser draw performance.
- Improves drink carbonation retention.
- Saves potable water and waste water.
- Utilizes anti-mineralization technology.
- Compatible with all cold-plate drink dispensers.
- Designed to fit easily out of sight.
- Reduces frequency of water filter changes.

Chill BEV

Dimensions

Model & Mfg. No.	Width	Depth	Height	Weight
Chill BEV-D 9700925	5.5" (14 cm)	5.5" (14 cm)	18" (46 cm)	5 lbs. (2.3 kg)
Chill BEV-V 9700924	5.5" (14 cm)	5.5" (14 cm)	23" (58 cm)	6 lbs. (2.7 kg)

Shipping Dimensions

Model & Mfg. No.	Length	Width	Height	Weight
BEV-D 9700925	20" (51 cm)	7" (18 cm)	7" (18 cm)	5 lbs. (2.3 kg)
BEV-V 9700924	25" (64 cm)	7" (18 cm)	7" (18 cm)	5 lbs. (2.3 kg)

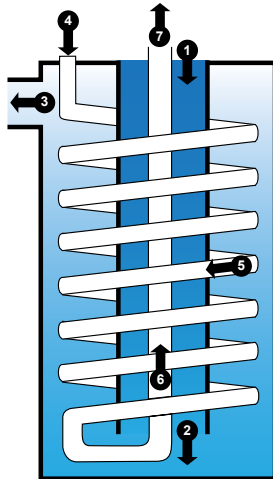
Plumbing Connections

CO ₂ Water Connections	3/8" barbed fittings with 360° swivel
Drain Water Connections	3/4" PVC fittings

Specifications

Maximum Operating Pressure	150 psi (10.5 kgf/cm ²)
Minimum Operating Pressure	30 psi (2.1 kgf/cm ²)

How It Works

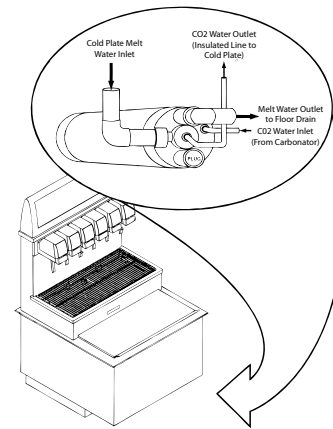


- 1 Cold waste water from the ice machine enters the counter flow tube of the Chill system.
- 2 Waste water continues to the reservoir of the Chill system.
- 3 As more cold waste water enters the reservoir, it pushes the warm water to the drain.
- 4 Fresh water enters the stainless tubing of the Chill system.
- 5 As the water flows through the tubing, it's chilled by the surrounding waste water in the reservoir.
- 6 Fresh water flows up the counter flow tube, where it's chilled further by the coldest waste water entering the reservoir.
- 7 Chilled, carbonated water feeds the cold plate, which minimizes ice melt and improves carbonation.

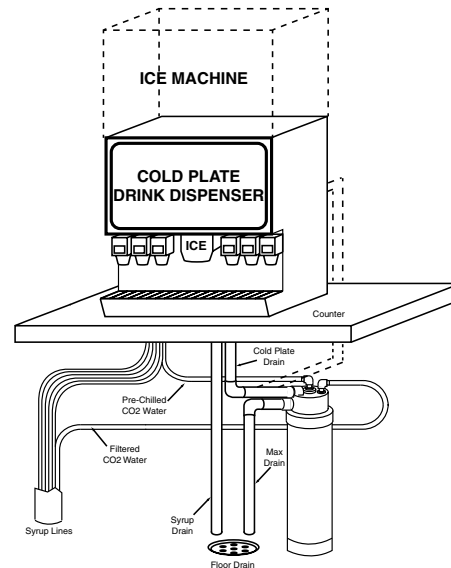
Applications

Chill BEV-D	drop-in cold-plate drink dispensers
Chill BEV-V	countertop cold-plate drink dispensers

Example Installation - BEV-D



Example Installation - BEV-V



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