



Chill ICE

Put ice machine waste water to good use with the Chill ICE heat exchanger. This patented system recycles the waste water from an ice machine to significantly lower the temperature of incoming fresh water. This provides energy savings for the ice machine by decreasing ice harvest cycle times, increasing production, and increasing ice availability in the bin.

The Chill ICE works through a simple, hassle-free process. Waste water from the ice machine enters the reservoir tank of the Chill ICE. As fresh water enters the Chill ICE, 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 ice machine's refrigeration system, extending the life of the ice machine while improving its performance and production.

FEATURES AND BENEFITS:

- Lowers temperature of incoming fresh water.
- Produces more ice by shortening the ice-making cycle times.
- Optimizes ice availability in the bin.
- Saves electricity by filling the bin faster and allowing the ice machine to shut off.
- Extends the life of the ice machine by lowering compressor head pressure.
- Utilizes patented anti-mineralization technology.
- Models available for all types of ice machines.

Chill ICE

Dimensions

Model & Mfg. No.	Width	Depth	Height	Weight
ICE-1000 9700920	5.5" (14 cm)	5.5" (14 cm)	27" (58 cm)	7 lbs. (3.1 kg)
ICE-1800 9700921	5.5" (14 cm)	5.5" (14 cm)	31" (79 cm)	9 lbs. (4 kg)
ICE-H 9700922	7.75" (20 cm)	7.75" (20 cm)	21" (53 cm)	8 lbs. (3.6 kg)
ICE-S 9700923	5.5" (14 cm)	5.5" (14 cm)	18" (46 cm)	6 lbs. (2.7 kg)

Shipping Dimensions

Model & Mfg. No.	Length	Width	Height	Weight
ICE-1000 9700920	29" (74 cm)	7" (18 cm)	7" (18 cm)	6 lbs. (2.7 kg)
ICE-1800 9700921	23" (58 cm)	9" (23 cm)	9" (23 cm)	6 lbs. (2.7 kg)
ICE-H 9700922	23" (58 cm)	9" (23 cm)	9" (23 cm)	9 lbs. (4 kg)
ICE-S 9700923	20" (51 cm)	7" (18 cm)	7" (18 cm)	5 lbs. (2.3 kg)

Plumbing Connections

Inlet Water Connections	ICE-1000 ICE-1800 ICE-S	3/8" tube fittings
	ICE-H	1/2" tube fittings
	ICE-1000 ICE-1800 ICE-H ICE-S	3/4" PVC fittings

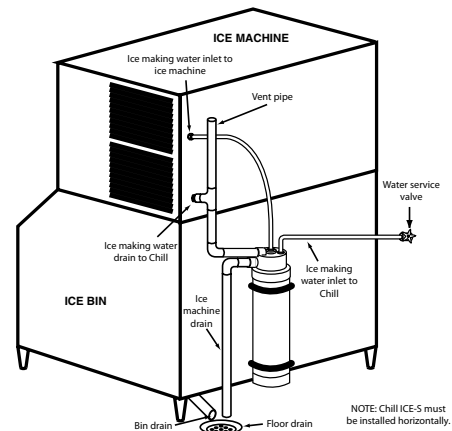
Specifications

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

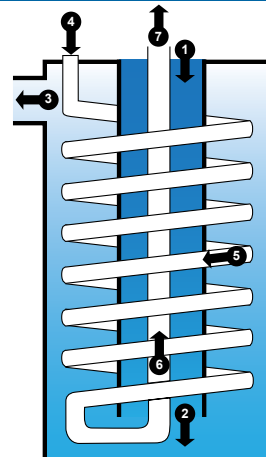
Applications

ICE-1000	Ice machines up to 1000 lbs.
ICE-1800	Ice machines more than 1000 lbs.
ICE-H	Hoshizaki North American cube ice machines only
ICE-S	All flake or shaved ice machines.

Example Installation



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 waste 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, fresh water enters the ice machine, where it's easily converted to ice.



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