



## HARPOON BREWERY

“It was a great business decision. We’ve seen a huge **reduction in cost**, and a huge **reduction in power** consumption from our cooler. The **payback** was real.”

— Steve Miller, *General Manager*  
Harpoon Brewery Windsor

### PRECISION COOLING OVER 146,000 CUBIC FEET OF BEER

Boston-based Harpoon Brewery has been brewing award-winning craft beers since 1986. To keep up with growing demand, Harpoon purchased a second brewery in Windsor, Vermont. Both the Boston and the Vermont warehouses use Freeaire® systems to keep their product cool. “Beer is a perishable product, and the longer we keep it cold, the longer it stays fresh,” explains Steve Miller, General Manager of Harpoon’s Windsor brewery. “Our cooling has to be reliable.”



### THE RESULTS

Results for Boston and Windsor warehouses combined

Total energy savings: 111,780 kwh


Days/year outside air takes over refrigeration: Boston 110, Windsor 130

Reduction in energy use: Boston 29%, Windsor 56%

Economics: 1.6 year payback with utility incentives

Estimated carbon emissions offset: 223,560 lb/year

**Total annual cost savings: \$16,237**

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## HOW WE DID IT.

When the folks at Harpoon saw the potential payback on a Freeaire® system, they wanted it installed and running as quickly as possible. But an operation like this one can't afford delays and hold-ups. The Freeaire® installation was easy, on time, and as planned. Steve says, "Our installation was a great experience. It didn't disrupt our normal operations. It happened really quickly – they were able to get the pieces needed in short order and have it up and running in a very reasonable amount of time."



### HARPOON BREWERY

Location: Boston, Massachusetts and Windsor, Vermont

Description: Microbrewery of artisan beers and lagers

Refrigeration needs: two warehouses totaling 146,538 cubic feet

Energy Incentives: NSTAR; Efficiency Vermont

Current utility rate: \$0.183

## SIMPLICITY IN ACTION: THE COOLER CONTROLLER™

Harpoon particularly likes the automatic defrost cycle, made possible by the **Cooler Controller™**. "The system has added defrost to our evaporative units – the Freeaire® automatically does it – so we don't have to turn it off and do it manually. We like the convenience."

## BIG SAVINGS BENEFITS

Harpoon Brewery couldn't be happier with the way Freeaire® is saving generous amounts on electric bills. "In the past, the cooler fans were set to run constantly," says Steve. "The Freeaire® system shuts them down, whether because it's pulling in cold air from the outside, or because the temperature is being maintained at our set point."

“And we're actually seeing the evaporative units turn off **even in the warmer months**, compounding the savings that we're realizing. By **saving all that power**, it's having a **positive effect** on the environment.”

— Steve Miller, *General Manager*  
Harpoon Brewery Windsor

