

A sustainable solution
for energy-intensive
ice making.



Drop your energy costs.
Increase your cash flow.

Hard, Clear + Resilient Ice

A Water-Energy Nexus
Technology

Cypress, Ltd. helps clients stay at the forefront of energy efficiency and demand innovations through their research and engineering work with emerging technologies for major utilities and technology innovators.

Through their Energy Advisor Service, they suggest appropriate, proven, and cost effective products to their clients that they have vetted. As a trusted energy advisor, they have been delivering efficiency, demand management and sustainable programs, technical and business consulting, and customer support services for the past 25 years.

844-464-8408 REALICE
www.realice.us
support@realice.us



Cypress Ltd.
Customer Service Center 24/7
1 844 464 8408
www.cypress-ltd.com

Help us estimate your energy savings

Company Name _____

Facility Ownership: Municipal Private Non-profit

Installation Address of potential REALICE unit(s) _____

City _____ State _____ ZIP _____

Primary Contact Name _____

Phone Main _____ Phone Cell _____ Email _____

If you provide us with a bit more information, we can provide you with an estimate of your energy savings, ROI and potential utility incentives.

How many pads do you operated and this location?

Pad Size: Olympic size NHL size Half size

How many ice resurfacers filling stations do you have?

Type of Water Heater in Facility Tank? Tankless?

Number of days per week the rink is in operation

Number of Resurfaces per day *Number of Shut Down Weeks per year*

Approximate Gallons of Resurfacing Machine

Incoming Water Temp *Resurfacing Water Temp*

Electric Utility Company (if known) _____

Average Blended Electric Utility Rate (\$/KWH) (if known) _____

Gas Utility Company (if known) _____

Gas Utility Rate (\$/Therm) (if known) _____

Removes micro-bubbles and decreases the viscosity of the water

Dissolved air acts like an insulator when water changes to ice. Removing dissolved air from the water results in a decrease of viscosity from 5 to 17 percent. Lower viscosity means the water flows more easily and has better heat transfer. Heat capacity is increased + 5% for ice and + 3% for liquid water. This changes the melting behavior of ice.