MaximICE®

Slurry Ice Systems from IceSynergy™ offer many energy and cost savings advantages over conventional static ice or dynamic ice harvester systems

Energy Efficient

Unlike static ice systems where ice adheres to the heat transfer surface, slurry ice produced by the MaximICE Slurry Ice Generator does not adhere to any heat transfer area, resulting in higher energy efficiency. Similarly, unlike ice harvesters, no defrost is required to harvest the ice for storage into tanks, resulting in higher energy efficiency.

Simplified Tank Design

Slurry ice can be pumped into storage tanks, reducing the need for extra structural support required for ice harvesters located above the storage tanks.

Storage Flexibility

Slurry ice can be stored in tanks of any shape. As an example, the height of an ice storage tank can be increased, resulting in a reduction of the tank footprint which leads to valuable floor space savings. This is difficult to achieve in static and other dynamic ice storage systems.

A Better Idea for Saving Energy and Money

IceSynergy™

Application Flexibility

Offers lower supply water temperature compared to other ice systems.

Space Saving Design

Compact equipment design offers space savings in the refrigeration equipment room.

Satisfies Large Loads

Large loads for a short duration can be met by slurry ice systems due to the quick melting of ice achieved by a large area of contact between the warm return solution and stored ice.

Ease of Modification

Allows easy modification and expansion of the system as conditions change.

APPLYING INTELLIGENT ENERGY

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