



# BLUE GLACIER TUBES



## Cutting Edge COLD Technology

Through the innovations from Blue Glacier Technology, we introduce a new and revolutionary product, **Blue Glacier Tubes**. These tubes are designed to remove heat and moisture from your freezer/cooler, greatly enhancing the operating performance of the system.

- Blue Glacier Technology has developed an endothermic reactive solution which has the ability to absorb vast volumes of heat.
- The stored energy (heat) is released during the normal defrost cycle of the system.
- When the refrigeration system comes back on line, the heat absorption process starts all over again.
- The solution is housed in a surgical-grade, stainless steel chambers called "Blue Glacier Tubes."
- The solution creates a "cold curtain" around products in a chilled or frozen environment.
- The solution reduces frost and moisture

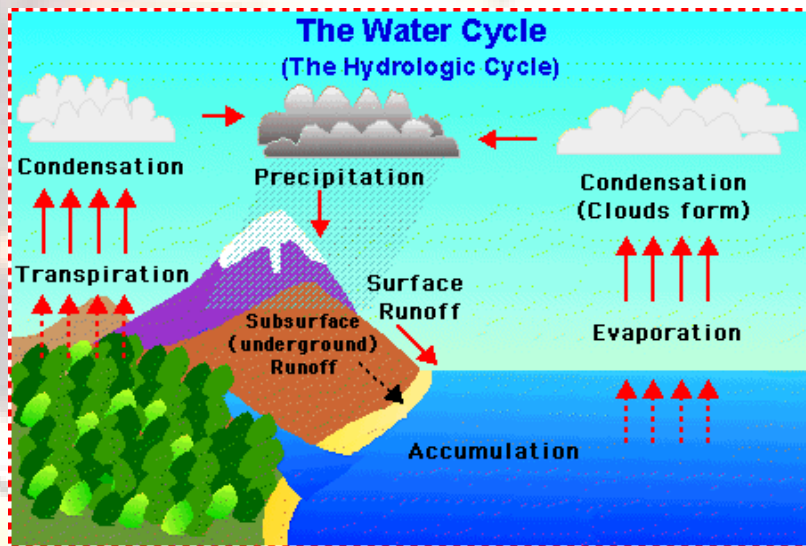
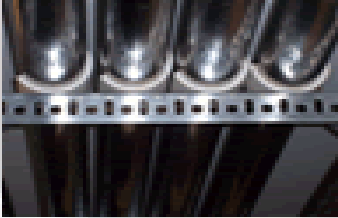
## THE BENEFITS

- Savings on utility costs by reducing energy consumption
- Reduction of refrigeration equipment run-time
- Fewer defrost cycles
- Quicker chill and freeze times on all food products
- Reduction of bacteria growth on food products
- Maintains consistent, colder temperatures in coolers and freezers
- Extended hold times and proven product survivability during power outages
- Decreased wear and tear on motors and compressors
- Better fluid retention in stored products
- Reduced repair and maintenance costs on equipment
- Compressors run cooler and more efficiently



## Escalating Energy Costs will Continue to Impact Your Business

Energy costs are continuing to escalate. Installation of the **Blue Glacier Tubes** gives your company the ability to offset this cost increase and ensure the quality of its food products. You will enjoy locked-in, stable, lease payment—which won't fluctuate or rise like utility costs. Additionally, you can feel safer with the knowledge that, should power be interrupted to the facility, your products will remain colder, longer, in the chilled or frozen environment for extended periods of time



### How does it work?

“All natural, organic and environmentally friendly, the endothermic reactive solution works to remove heat and moisture from cold storage facilities, warehouses, freezers, blast cells, coolers and other cold environments to maintain constant colder temperature, reduce energy costs and improve product quality. The Blue Glacier tubes, which require no additional utilities, also rein in frost and moisture migration and reduce maintenance costs and refrigeration equipment wear”

“Our system works by pulling energy out of a product and storing it until it has a release mechanism through the defrost cycle. Then it releases the equalized energy at that point, and it goes back into a phase shift after it has emptied itself of the latent energy it has store. And, it does that process over and over again.”

- Excerpt from May 2007 issue of *Refrigerated & Frozen Foods*



## BLUE GLACIER TECHNOLOGY

**GREEN,  
Environmentally - Friendly  
&  
Ecologically Sound**

The *Endothermic Reactive Solution* is a bio-degradable, environmentally-friendly, organic compound. It defies what we consider conventional cooling and freezing wisdom with the ability to hold vast volumes of heat. By holding this heat it provides colder environments and reduced run times on refrigeration equipment. This equates to reduced power consumption, energy efficiency, lower utility bills, and fewer carbon emissions. Going green make ecological and environmental sense in today's world.