

FLORIDA  
PRODUCTS

# Newsletter #18

As part of our continuous improvement process, we are pleased to announce our decision to purchase a new, last generation equipment called **IGEGEN**. The decision is based on the continued idea to add value to our process and offer more diversified solutions to our customers. The idea is to work with new niche categories such as raw unpasteurized juices, frozen lines PIC, NFC for juices and purees.

**Below, some of the benefits of having this equipment installed in our facilities, together with the potential applications and technology used.**

## Benefits

- Much faster freezing times.
- Lower energy cost to freeze.
- Improved quality control.
- Much lower cost than cooling alternatives
- Faster process & production time.
- Continuous process versus batch.
- Enhanced product taste.
- Faster than a blast freezer with less energy than a cold room.
- Complete retention of "freshness".
- Slush Pineapple/other delicate juices within minutes of extraction.
- Instantly cools juice to freeze point.
- Won't harm pulp / fruit pieces.

## Applications

- Drum freezing product
- Bulk shipping product
- Pulp storage and freezing
- Puree chilling and freezing
- Freeze concentrate
- In field freezing of delicate juices
- Chilling non-pasturized juices





# IceGen Technology

- **IceGen's ice aqueous solutions**

have unique and very desirable characteristic in their ability to absorb large quantities of heat without incurring any appreciable increase in temperature when coming into contact with products. Furthermore, depending on the ice crystal size distribution, the fluid can be maintained stable with excellent flow properties for extended periods of time supplying more cooling capacity than chilled water, flake and solid ice.

- **IceGen units** are available in configurations with mass flow rates from 5 to 200 GPM and can deliver a daily output of 20 to 1,000 tons. Customizable actual system capacities are based on the weight of ice crystals fraction suspension in the solution and the type of freezing point depressant agents clients require. This process is flexible and can be automated to generate variable crystallization rates and sizes to meet different loads for ice distribution and suspension blending.



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