

# Introduction to Plate Ice Machine



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**Plate ice** is a kind of irregular sheet ice with about 40×40mm ~ 80×80mm in size, and 2mm ~ 30mm in thickness. The thickness can be adjusted according to ice-making time with the maximum gauge being 30mm. Plate ice is a kind of thick and transparent ice which has good air permeability and a long shelf life.

## **Application**

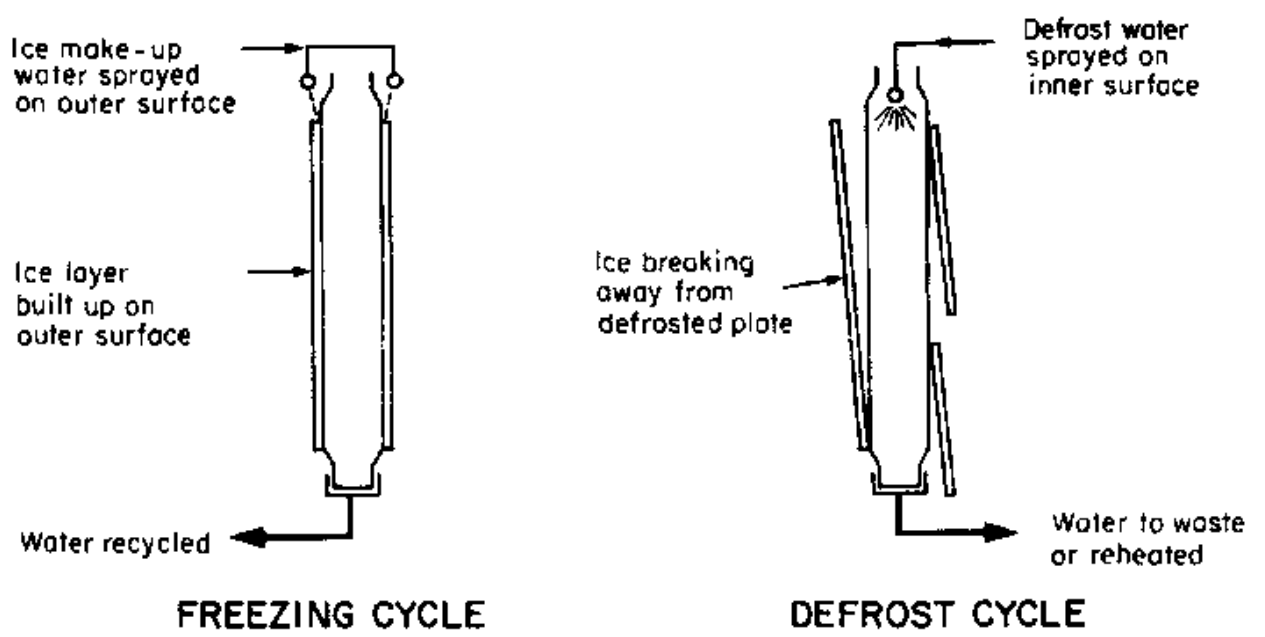


- **Concrete mixing plants**
- **Chemical plants**
- **Mines**
- **Fresh vegetables**
- **Fishing and aquatic insulations**

## How a AGICO plate ice machine works?

**Plate ice machine** Plate ice is formed on one face of a refrigerated vertical plate and released by running water on the other face to defrost it. Other types form ice on both surfaces and use an internal defrost procedure. Multiple plate units are arranged to form the ice-making machine and often these are self contained units incorporating the refrigeration machinery in the space below the ice-maker. The optimum ice thickness is usually 2 to 30 mm and the particle size is variable. An ice breaker is required to break the ice into a suitable size for storage and use (Fig 4). Water for defrost requires heating if its temperature is less than about 25°C; below this value the defrost period is too long, resulting in a loss in capacity and an increase in cost. This AGICO plate ice machine, like the tube ice machine, operates on an automatic timed cycle and the ice is conveyed to the storage area or if the machine can be located directly above the storage space, harvesting can be achieved using gravity flow.

## **How a plate ice machine works?**



**Fig. 4**





**If you want to buy plate ice machine or have any question, please feel free to contact us or visit our website for more information.**

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