

---

# Introduction to Tube Ice Machine



by Sophia Wan

---

**Tube ice** is a kind of hollow cylindrical ice with external diameter  $\phi 22$ 、 $\phi 29$ 、 $\phi 35$ mm and length 25~42mm. The hole diameter is usually  $\phi 5$ ~10mm and it can be adjusted according to ice making time. Tube ice is thick and transparent with long storage period. It isn't likely to melt in a short time.

## **Application**



- **Bars & Nightclubs**
- **Convenience Store**
- **Correctional/Marine**
- **Educational Facilities**
- **Healthcare**
- **Hotel/Motel**
- **Restaurants Supermarket**
- **Fast-food shops**

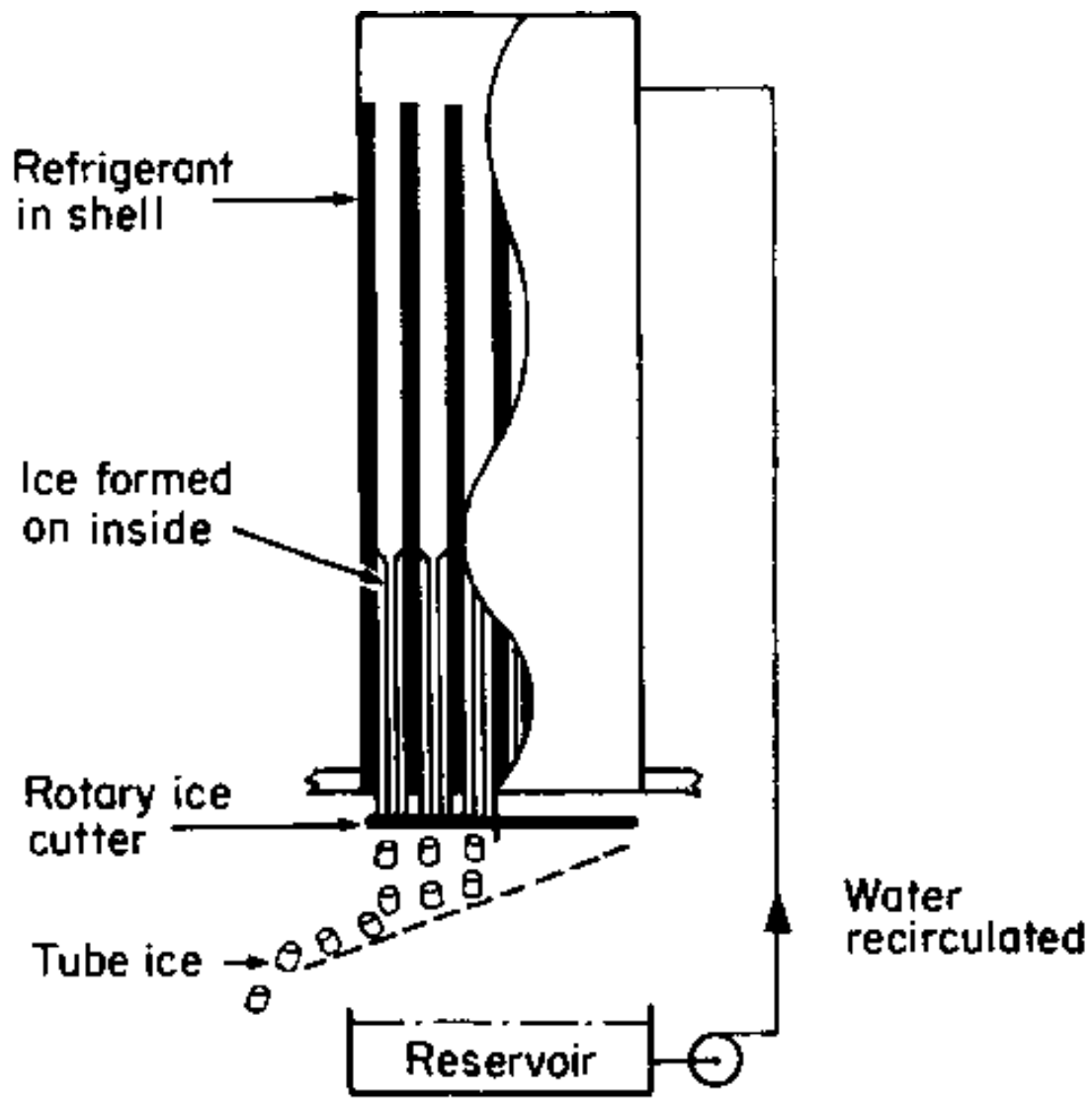
---

## How a tube ice machine works?

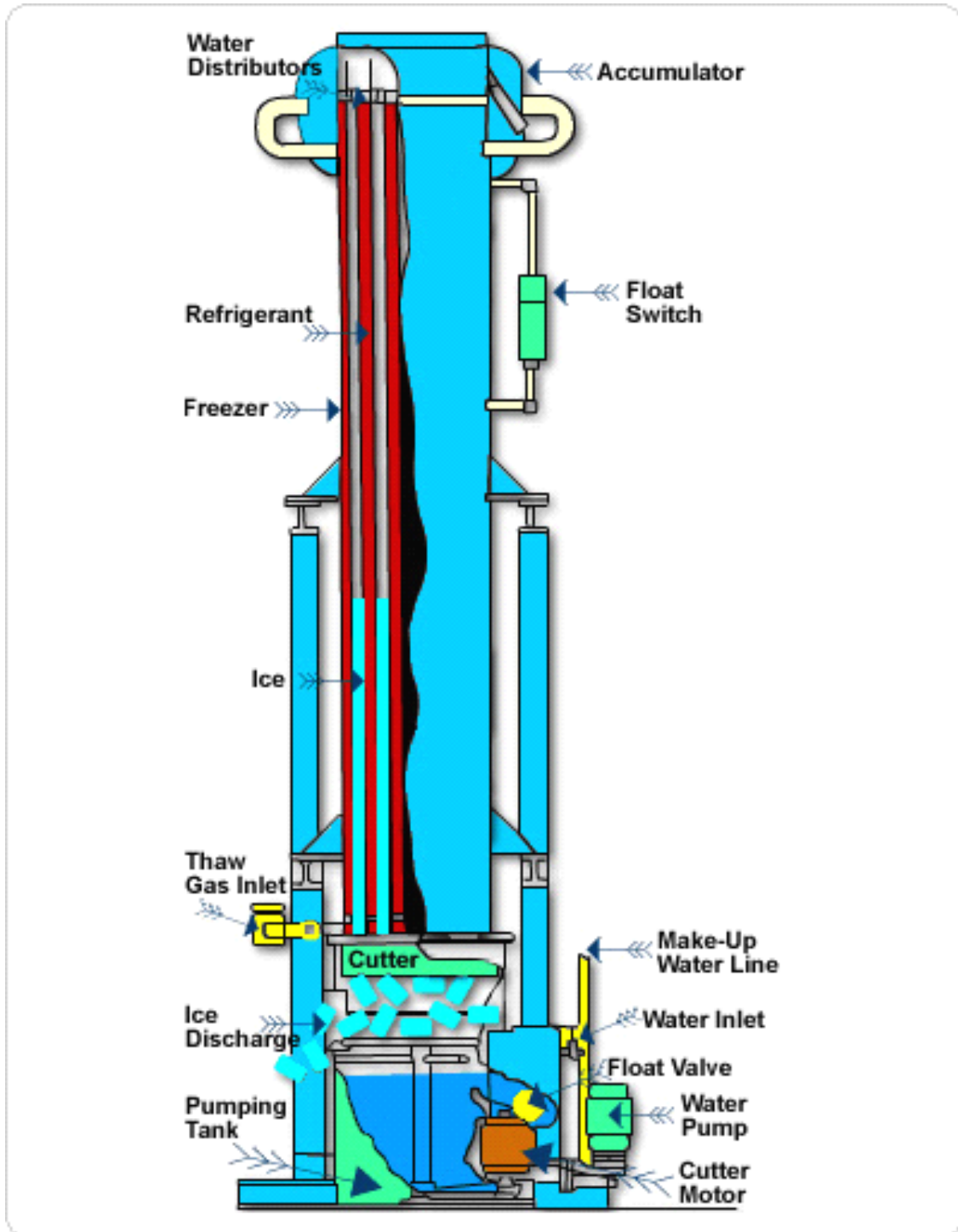
**Tube ice machine** Tube ice is formed on the inner surface of vertical tubes and is produced in the form of small hollow cylinders of about 35 x 42 mm with a wall thickness of 10 to 25 mm. The tube ice plant arrangement is similar to a shell and tube condenser with the water on the inside of the tubes and the refrigerant filling the space between the tubes. The machine is operated automatically on a time cycle and the tubes of ice are released by a hot gas defrost process. As the ice drops from the tubes a cutter chops the ice into suitable lengths, nominally 25~42 mm, but this is adjustable (Fig 2).

Tube ice is usually stored in the form it is harvested, but the particle size is rather large and unsuitable for use with fish. The discharge system from the plant therefore incorporates an ice crusher which can be adjusted to give an ice particle size to suit the customer's requirement.

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



**Fig. 2**



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

<http://www.agicoicemachine.com/>

[info@agicoicemachine.com](mailto:info@agicoicemachine.com)