



TECHNICAL CO., LTD.

~To Make Worldwide Frozen Foods Drip-Zero 0%~



❄️ What is **TŌMIN**?

A LIQUID freezer that can keep foods delicious, almost as same as the fresh ones.





We invented **Liquid-Freezing System** for the first time in the world!

Patents held by TECHNICAL Co., Ltd.



 We use **ALCOHOL (ethanol)**

Ethanol is classified as a food.

→ it is said to be **safe**.

Evaporate temperature of ethanol is +24°C, but we use it in -30°C.

→ **You can use it safely.**

(No accident happened ever regarding ethanol.)



TŌMIN is a simple machine!



Put foods then soak in the tank!

◆SOTRE

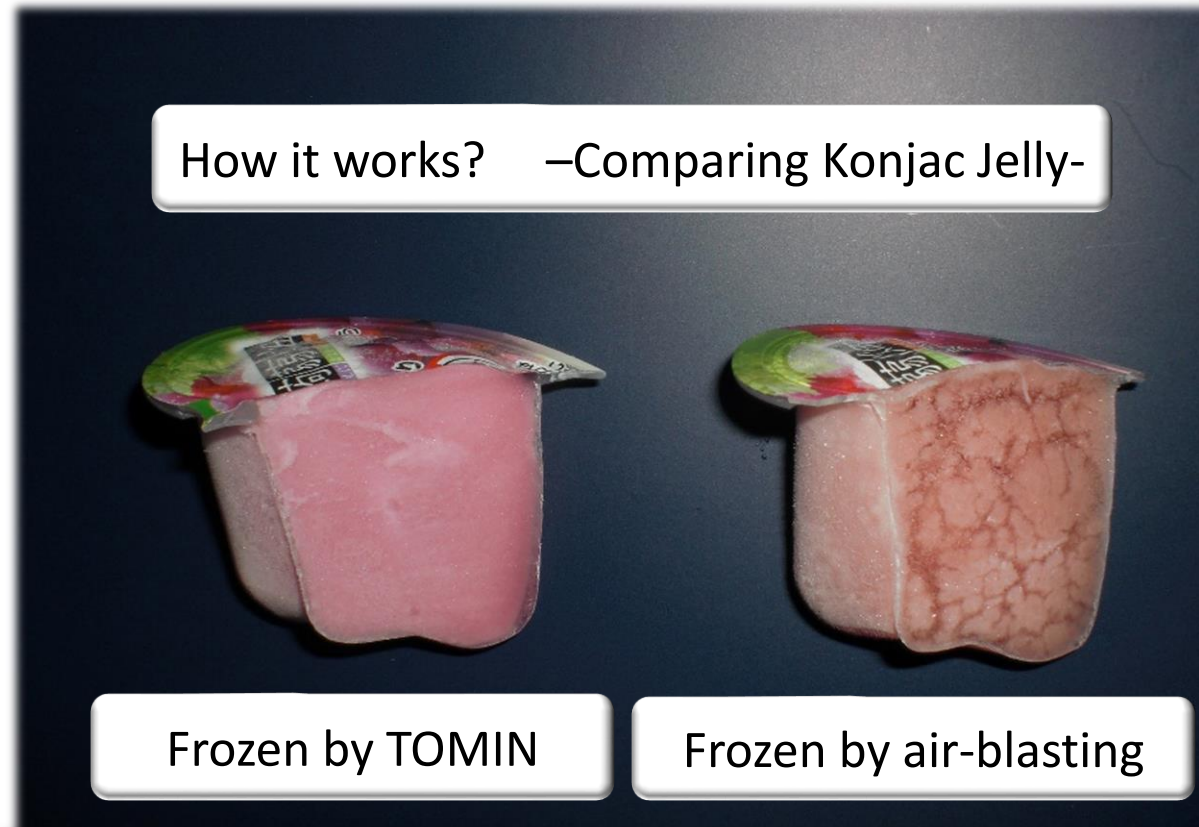
- Ordinary freezer (air-blasting)

◆THAWING(DEFROSTING)

- At normal temperature
- Running water
- Warm Water etc..

Any thawing methods are fine!

👍 Feature ① Breathtaking Freezing Speed



You will experience the difference in taste and texture!
Every food will show the difference like above picture.

- Compare with air-blasting,
approx. 20 times faster!
(ex. 1h=60 mins → 3 mins)
- **Approx. 8 times faster**
than nitrogen gas freezing!

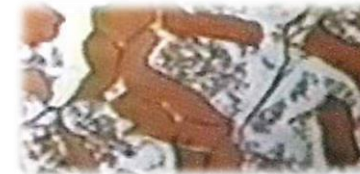
Due to it's high-speed freezing, ice crystals are **very tiny**!
(Ordinary cells are approx.20microns)

TOMIN (5microns)



Very tiny ice crystals don't brake cell wall

Air-blasting (100 microns)



Big ice crystals brakes the cell wall

👍 Features ② High-quality (dripless) -Beef-

Frozen by TOMIN



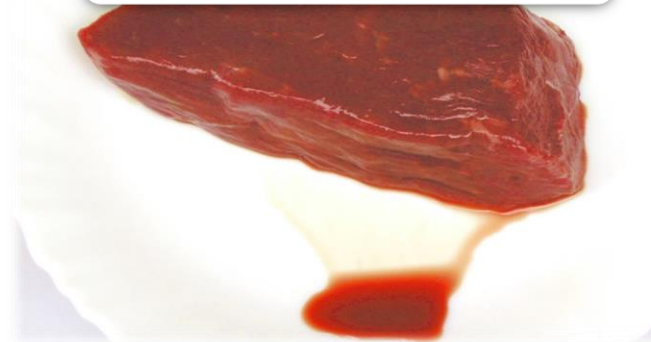
After thawing



Frozen by air-blasting



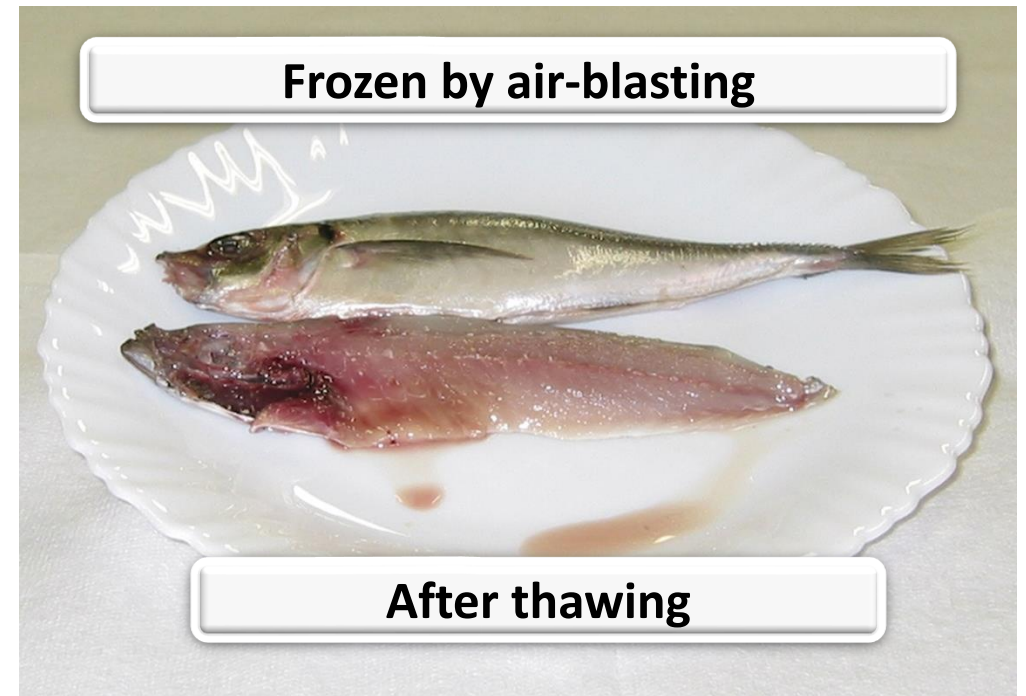
After thawing



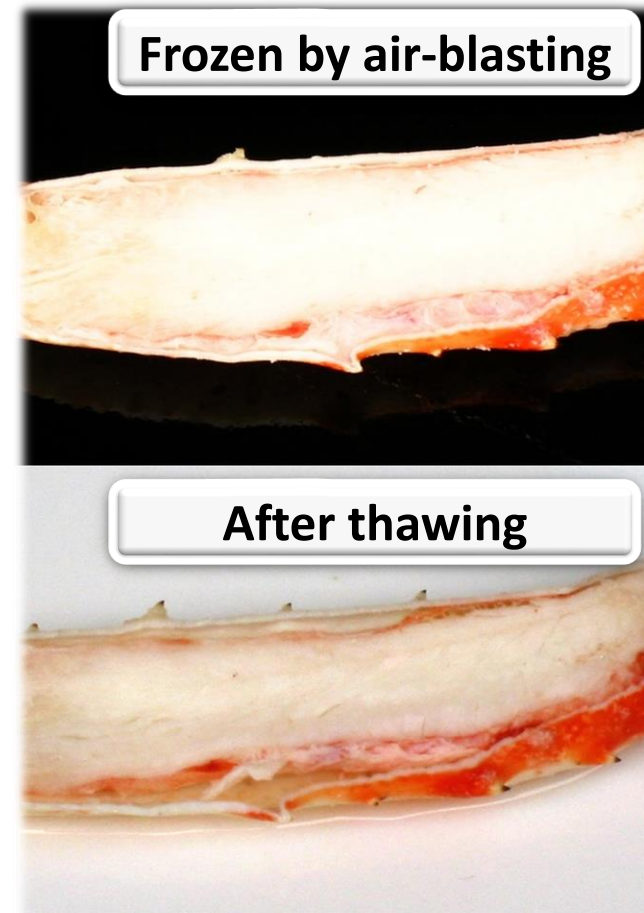
👍 Features ② High-quality (dripless) -Chicken-



👍 Features ② High-quality (dripless) -Fish-



👍 Features ② High-quality (dripless) -Crab (crustacean)-



👍 Features ③ Running Cost -(running cost per 1kg to freeze)-

Almost same as air-blasting!

	Speed	Running cost
TOMIN	◎	¥ 5 ~ 8 /kg
Air-blasting	×	¥ 5 /kg
Nitrogen gas freezing	○	¥ 4 5 ~ 5 0 /kg

Breakdown

Ethanol
approx.¥2.5

Electricity
Approx.¥2.5

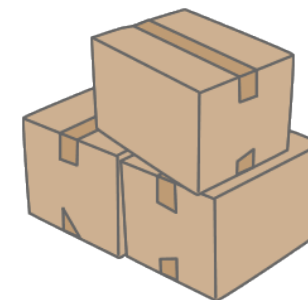
Above chart includes ethanol cost,
but it depends on the size of you freeze.

👍 Features ④ Storing Foods

After freezing foods by TOMIN,
you can store them **in the normal fridge** (air-blasting).



We recommend you to **put foods in cardboard box**.
(To protect foods from defrosting system of fridge)





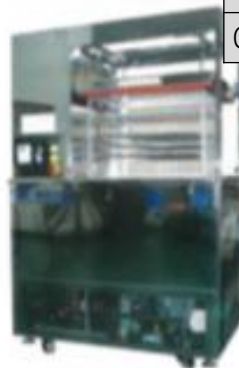
TÖMIN Line Up!

*Capacity can be different from each product.

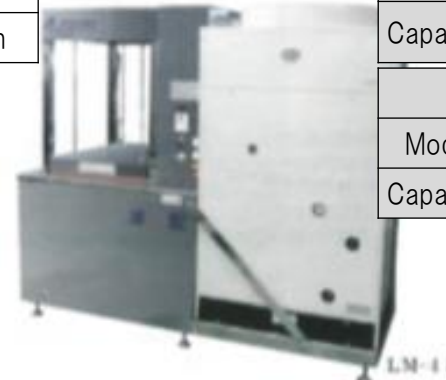
Drawing No.2	
Model	S-220W
Capacity	16~20kg/h



Drawing No.3	
Model	S-220W Lift
Capacity	21~22kg/h



Drawing No.4	
Model	LM-45
Capacity	45kg/h



Drawing No.7	
Model	LM-75
Capacity	75kg/h

Drawing No.9	
Model	TL-1
Capacity	120kg/h



Drawing No.11	
Model	TL-2
Capacity	280kg/h



Drawing No.14	
Model	TLB-2
Capacity	560kg/h

