



# Super Cooling Plant

A fresh food container storehouse



Technology to keep food fresh enabling long-term storage.

POINT 1

### Keeps food fresh

Shipping can be adjusted because food is kept fresh for long periods.

POINT 2

### Reduces purchase costs

Buying raw materials in bulk when they are cheaper reduces costs.

POINT 3

### Reduces loss due to waste

Extending the storage period reduces loss due to wasted foodstuff.

## Fresh food system

Creating an electric field inside a refrigerator suppresses the bonds between water molecules and creates a "super cooling" state in which water does not freeze below 0°C (freezing point) even though it should. This allows foodstuff such as fruit, vegetables, meat and seafood to be kept fresh for longer.

■ An electric field generating sheet is installed on the inner wall of the container

■ The container can be set up outdoors

