

BLAST FREEZER

Characteristics

- Tomori apply heavy duty class compressor : Aspera, Tecumseh, and Bitzer.
- Tomori Apply Danfoss Expansion Valves.
- UFI approved environmental-friendly refrigerant R404A and foam.
- Italy Dixell temperature sensor and other high quality electrical system.
- AISI304 food-grade stainless steel for body material for food safety.
- Widely use in kitchen, hotel, restaurant, cafe, and food processing factory.
- Blast freezer is essential equipment for making Italian ARTisan Gelato. It can make sure the core temperature of ice cream.
- Widely used for seafood, fruit and vegetables processing for extra fast cooling sistem to prevent bacterial growth and keep the freshness.

What is Blast Freezer?

A Blast Freezer is a specialized category of freezer used to preserve food at a very low temperature to prevent the growth of microorganisms. A Blast Freezer is also known as Shock Freezer. In normal temperature, bacterial growth in food occurs at a rapid, exponential rate. The food becomes unsafe for future consumption. The microorganism cannot thrive in the extremely cold environment of a Blast Freezer. A Blast Freezer is commonly used in food industry. Commercial kitchens use a Blast Freezer to preserve seafood, meat, dairy products, confectionaries, leftovers, and cooked foods. A Blast Freezer is commonly used in restaurants, catering unit, bakeries and ice-cream parlors. A Blast Freezer can reduce temperature of a food from +70°C to -18°C in less than 4 hours. Nowadays several models of automated Blast Freezers are available. These are provided with different energy saving, automatic defrost and noise reduction modes.

Brief Introduction

140 L



220 L



610 L



830 L



product parameters

Model	TBF-140	TBF-220	TBF-610	TBF-830
Layers	4	6	10	15
Voltage	220	220/380	220/380	220/380
Frequency	50/60	50/60	50/60	50/60
Phase	1	1/3	3	3
Refrigerant	R-404A	R-404A	R-404A	R-404A
Condenser	Air Cooled	Air Cooled	Air Cooled	Air Cooled
Power / KW	1.5	2.79	3.98	3.75
Inner Capacity / CM	45 x 42 x 77	56 x 40 x 93	132 x 43 x 108	62 x 77 x 172
Dimension / CM	59 x 85 x 140	70 x 99x 174	144 x 82 x 180	132 x 136 x 193
Net Weight / KG	175	256	465	648