

Cryogenic Freezing and Chilling

CRYO TUNNEL- AFZ

The CRYO TUNNEL- AFZ from Airgas, an Air Liquide company, offers the versatility to efficiently freeze, crust freeze or chill nearly any type of food product using liquid nitrogen or carbon dioxide while ensuring exceptional product quality. It is ideal for processors that require increased productivity, excellent sanitary design, ease of operation and maintenance, with minimal capital investment and installation costs.

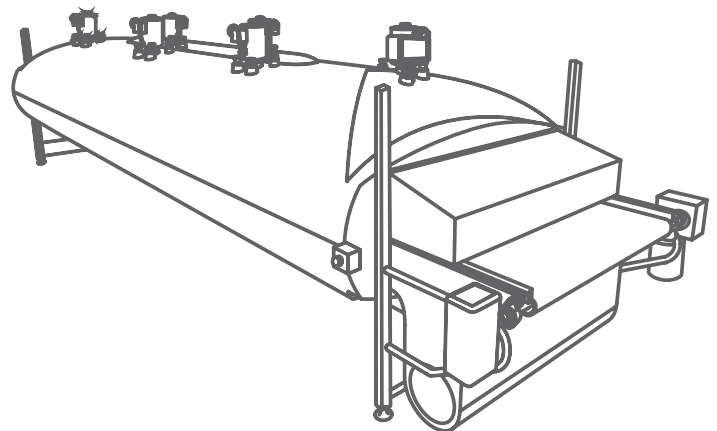
Features

- Constructed of materials that promote improved hygiene during the freezing process
- Unique self-draining design eliminates trapped water and food particles preventing food safety hazards
- Lid, conveyor belt and spray header can be raised allowing complete access to the interior of the tunnel for improved cleaning, sanitation and maintenance

Benefits

- Reduces cleaning time and costs due to curved surfaces and self-draining design
- Increases production capacity and lower cryogen use due to improved convection
- Flexibility to freeze or chill different types of food products
- Compact design requires minimal floor space
- Easy installation
- Low maintenance costs
- Simple to operate and provides excellent performance along with superior cryogen efficiency and productivity throughput

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Applications

Due to its size, it fits well in small and medium facilities. It is ideal for use in these sectors:

- Bakery
- Dairy
- Fish and seafood
- Ice cream
- Meat
- Poultry
- Ready meals

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CRYO TUNNEL- AFZ is a part of the Airgas freezing and chilling offer, specifically designed for processors who need to achieve a competitive freezing or chilling cost for their food products. Our solution includes premium food-grade gases, state-of-the-art application equipment, and technical support services along with a customized cryogen consumption optimization program.

Specifications

- Available in 48" x 20' (standard size)
- Power supply: 480V, 3 phase, 60 Hz
- Shipping weight: 5000 lbs (2268 kg)

	Size	
	Inches	Centimeters
Overall length	301	765
Overall width	81	206
Ceiling clearance (required to fully open lid)	105	267
Conveyor belt infeed height	33.5 (± 3.5)	85 (± 9)
Usable conveyor belt width	48	122
Freezing zone length	240	610
Maximum product height	8	20
Shipping crate length	307	780
Shipping crate width	84	213
Shipping crate height (lid down)	82	208

Materials of Construction

- Stainless steel food contact areas
- Gel-coated fiberglass body
- More information available upon request

Available Options

- Liquid nitrogen or carbon dioxide injection
- Different electrical voltages and frequencies
- USDA-certified dairy, meat and poultry model
- Custom cryogen consumption optimization program
- Ongoing service and maintenance
- Spare parts packages available

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