

Superflow Easyclean Freezer Twin Belt - Dual Impingement

Type: Dantech FT/SFEC/TB/DI 1000 - 1500 Series

FREEZING & TEMPERATURE DIVISION



- Fully factory assembled
- Extremely flexible
- Easyclean system
- Energy efficient
- Compact unit

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The Superflow Easyclean® Tunnel Freezer is specially designed for freezing of Small Products, Shrimps, Fish Fillets, Hamburgers etc, fragile products, and products placed on trays.

The freezer arrives fully factory assembled at site and requires minimum amount of time for installation. The freezer is supplied with electrical hoist motors to lift the fully welded stainless steel insulated top cover for easy cleaning and maintenance. Furthermore, compared to other freezing systems, the freezer does not require a concrete foundation or any other foundations.

With a simple change in air plates, the freezer is easily adaptable for both high speed vertical airflow, called Superflow® and a conventional high speed horizontal airflow, called Arcticflow®. This will provide the user great flexibility to minimize the cost of freezing. However the capacity will vary depending on the type of airflow, product loads etc.

Further the air guidance plates are stepless adjustable to optimize the freezing times and energy usage.

Both the Superflow® and the Arcticflow® airflow together with the ultra low temperature ensure a quick and homogenous freezing within a minimum of time. Thus ensuring a good quality finished product, with an equalised core temperature of min. -18°C.

The machine is equipped with programs for energy savings purposes.



Open Design for Easy Cleaning



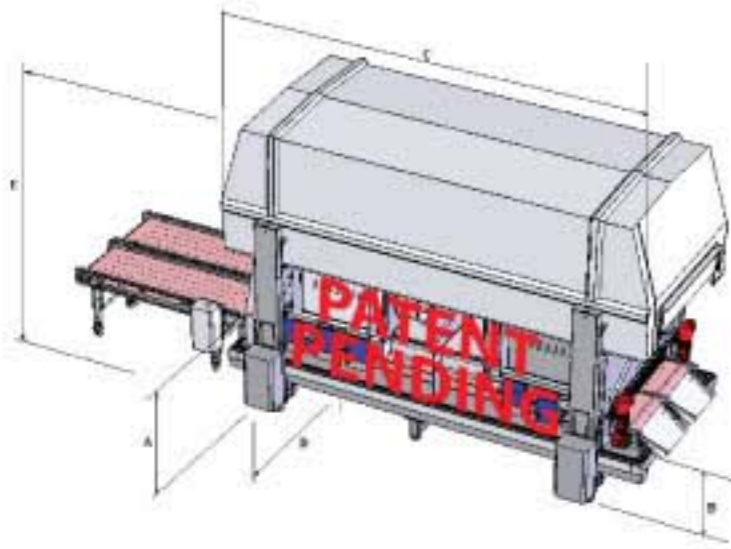
Hoistable Cover for Easy Access & Cleaning



Factory Assembled to fit a 40' Container

SUPERFLOW EASYCLEAN TWIN BELT DUAL IMPINGEMENT

Type: Dantech FT/SFEC/TB/DI 1000 - 1500 Series



- Compact Unit
- Fully Factory Assembled
- Easyclean System
- Great Flexibility
- Energy Saving
- Fast Installation

The Superflow Easyclean Freezers are available in solutions ranging from 2 - 12 modules in both belt widths

Superflow Easyclean Freezer Twin Belt - Dual Impingement	FT/SFEC TB/DI/1000/2/46	FT/SFEC TB/DI/1000/4/92	FT/SFEC TB/DI/1000/6/138	FT/SFEC TB/DI/1000/12/276	FT/SFEC TB/DI/1500/2/70	FT/SFEC TB/DI/1500/4/140	FT/SFEC TB/DI/1500/6/210	FT/SFEC TB/DI/1500/12/420
TECHNICAL DATA :								
No. Of Modules	2	4	6	12	2	4	6	12
Belt Width (Effective) (mm):	450	450	450	450	700	700	700	700
Belt Width (Overall) (mm):	500	500	500	500	750	750	750	750
Belt Length (mm):	5070	9390	13710	26670	5070	9390	13710	26670
No. of belt :	2	2	2	2	2	2	2	2
Belt Speed (*) (m/min):	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Product Height (Normal) (NP) (mm):	0 ~ 125	0 ~ 125	0 ~ 125	0 ~ 125	0 ~ 125	0 ~ 125	0 ~ 125	0 ~ 125
Product Height (High version) (HP) (mm):	125 ~ 225	125~225	125~225	125~225	125~225	125~225	125~225	125~225
Product Infeed Height (A) (mm):	850	850	850	850	850	850	850	850
Product Discharge Height (B) (mm):	595	595	595	595	595	595	595	595
Max. Length (C) (mm):	5420	9740	14060	27020	5420	9740	14060	27020
Max. Width (D) (mm):	2450	2450	2450	2450	2950	2950	2950	2950
Max Height (Hood Up) (E-NP) (mm):	3565	3565	3565	3565	3565	3565	3565	3565
Max Height (Hood Up) (E-HP) (mm):	3765	3765	3765	3765	3765	3765	3765	3765
Max Height (Hood Down) (F-NP) (mm):	2590	2590	2590	2590	2590	2590	2590	2590
Max Height (Hood Down) (F-HP) (mm):	2690	2690	2690	2690	2690	2690	2690	2690
Coolant Supply to Evaporator (*) (KW):	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies
Max Evaporator Available (KW):	46	92	138	276	70	140	210	420
Suction Temp at Evaporator (°C):	-40	-40	-40	-40	-40	-40	-40	-40
Air Temperature (°C):	-35	-35	-35	-35	-35	-35	-35	-35
Cooling Medium :	R404A/R717/R22	R404A/R717/R22	R404A/R717/R22	R404A/R717/R22	R404A/R717/R22	R404A/R717/R22	R404A/R717/R22	R404A/R717/R22
Cooling Pump Flow Rate :	4 to 5 times	4 to 5 times	4 to 5 times	4 to 5 times	4 to 5 times	4 to 5 times	4 to 5 times	4 to 5 times
Total Power Consumption (Max) (*) (KW):	12	24	36	72	16	32	48	96
Installed Fan Power (KW):	18.4	36.8	55.2	110.4	18.4	36.8	55.2	110.4
Power Supply (KW):	22	40	58	114	22	40	58	114
Voltage (V):	3 x 400/50Hz	3 x 400 / 50Hz	3 x 400 / 50Hz	3 x 400 / 50Hz	3 x 400 / 50Hz	3 x 400 / 50Hz	3 x 400 / 50Hz	3 x 400 / 50Hz

Design:

- Cabinet : 125mm fully welded Stainless Steel Panels
- Conveyor : Stainless Steel Conveyor Frame & Belts
- Optional : Pre fabricated PU Panel Stainless Steel Surface or White PVC

PLC/Touch Screen Control Panel :

- Stepless control of belt speed
- Digital read out of freezing time
- Digital read out of air and evaporating temperature
- Digital control of stepless adjustments of plates
- Start/stop of belt
- On/off switch for light in tunnel

All above mentioned details are subject to change without notice !

(*) These parameters will be different depending on the Geometrical and Thermal Characteristic of Product

Different Belt Types for a Easyclean Tunnel Freezers



DTZ Belt

Stainless Steel Mesh Belt

DTZ Flat Modular Stainless Steel Belt

Plastic Modular Belt

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