

# Arcticflow Easyclean Freezer

## Single Belt

Type: Dantech FT/AFEC/SB 1300 - 1800 Series

FREEZING & TEMPERATURE DIVISION



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

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The Arcticflow® 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

The freezer is based on the energy saving high speed horizontal airflow called Arcticflow, which 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 and equalized temperature of min -18 °C.

The machine is equipped with programs for energy savings purposes.



Open Design for Easy Cleaning



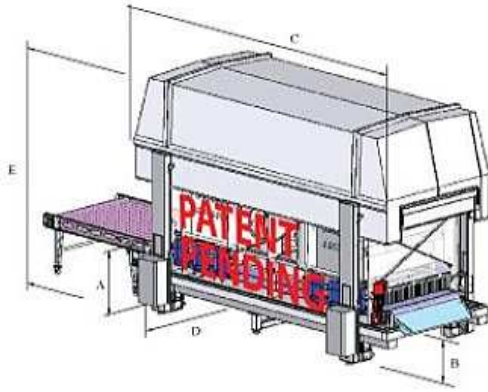
Hoistable Cover for Easy Access & Cleaning



Factory Assembled to fit a 40' Container

# ARCTICFLOW EASYCLEAN SINGLE BELT

Type: Dantech FT/AFEC/SB 1300 - 1800 Series



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

The Arcticflow Easyclean Freezers are available in solutions ranging from 1 - 12 modules in both belt widths

Arcticflow Easyclean Freezer Single Belt	FT/AFEC /SB/1000/2/146	FT/AFEC /SB/1000/4/92	FT/AFEC /SB/1000/6/138	FT/AFEC /SB/1000/12/276	FT/AFEC /SB/1500/2/70	FT/AFEC /SB/1500/4/140	FT/AFEC /SB/1500/6/210	FT/AFEC /SB/1500/12/420
<b>TECHNICAL DATA :</b>								
No. Of Modules	2	4	6	12	2	4	6	12
Belt Width (Effective) (mm):	1000	1000	1000	1000	1500	1500	1500	1500
Belt Width (Overall) (mm):	1050	1050	1050	1050	1550	1550	1550	1550
Belt Length (mm):	5070	9390	13710	26670	5070	9390	13710	26670
No. of belt	1	1	1	1	1	1	1	1
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):	3.52	7.04	10.56	21.12	6.4	12.8	19.2	38.4
Installed Fan Power (KW):	4.4	8.8	13.2	26.4	8	16	24	48
Power Supply (KW):	7	11	16	29	11	19	27	51
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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