## **GELATO AND ICE CREAM** READY FOR THE FUTURE

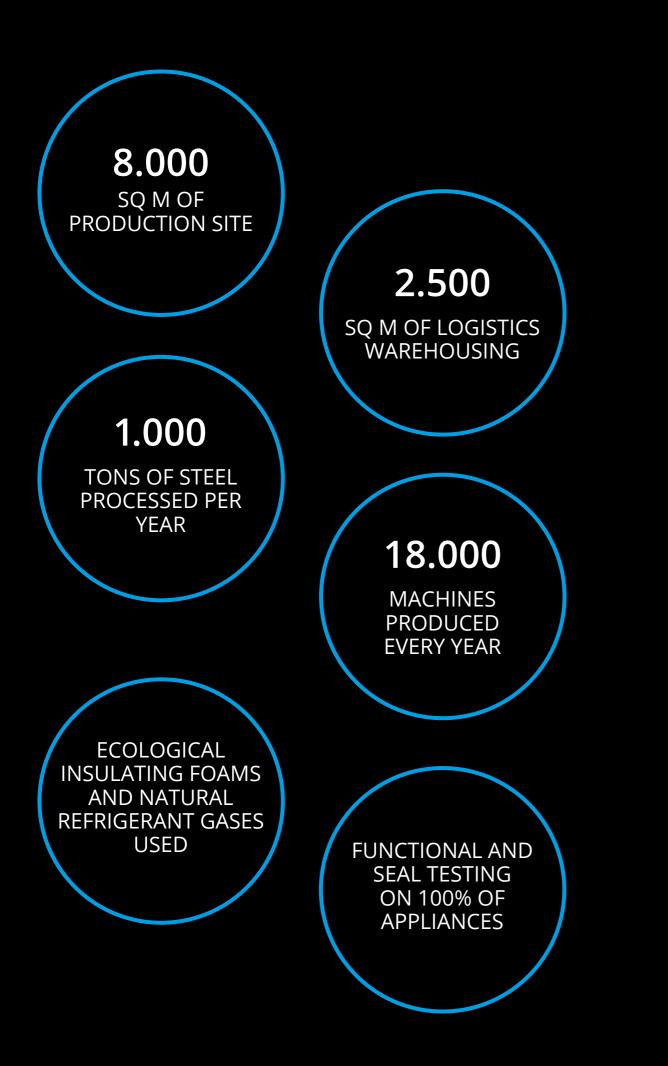




## THE FUTURE OF COOLING STARTS HERE







# **GELATO AND** ICE CREAM

### BLAST CHILLERS-SHOCK FREEZERS WITH ON-BOARD UNIT 06 FreeO **REFRIGERATED CABINETS** 12 AGF ICE CREAM FREEZERS PREMIERE 2.0 CABINETS FOR 16 SEMI-FINISHED PRODUCTS **REFRIGERATED COUNTERS** 22 AURA PLUS COUNTERS FOR SEMI-FINISHED PRODUCTS MINI MODULAR STORAGE COLD ROOMS

MINI COLD ROOMS AND 26 MODULAR COLD ROOMS



## THE INGREDIENTS OF A SUCCESSFUL RECIPE

### **EVOLUTION**

The food service is changing: customers' needs and consumer habits are changing. We observe the trends and develop solutions designed to increase the effectiveness and efficiency of production and storage flows, to provide you with an operating system that is elastic and flexible.

#### CONTROL

WiFi connection and dedicated Hiber apps that are intuitive to use guarantee you complete control over every production stage at all times. Parameters and operational diagrams, alarms and performance are kept consistently under control with just a simple tap on your smartphone display, with you at all times.

### PERFORMANCE

From the materials, construction technology and software to energy saving solutions and respect for the environment, all Hiber models are created from integrated projects developed by our teams to guarantee you high performance, great storage flexibility and complete respect for the characteristics of your product.

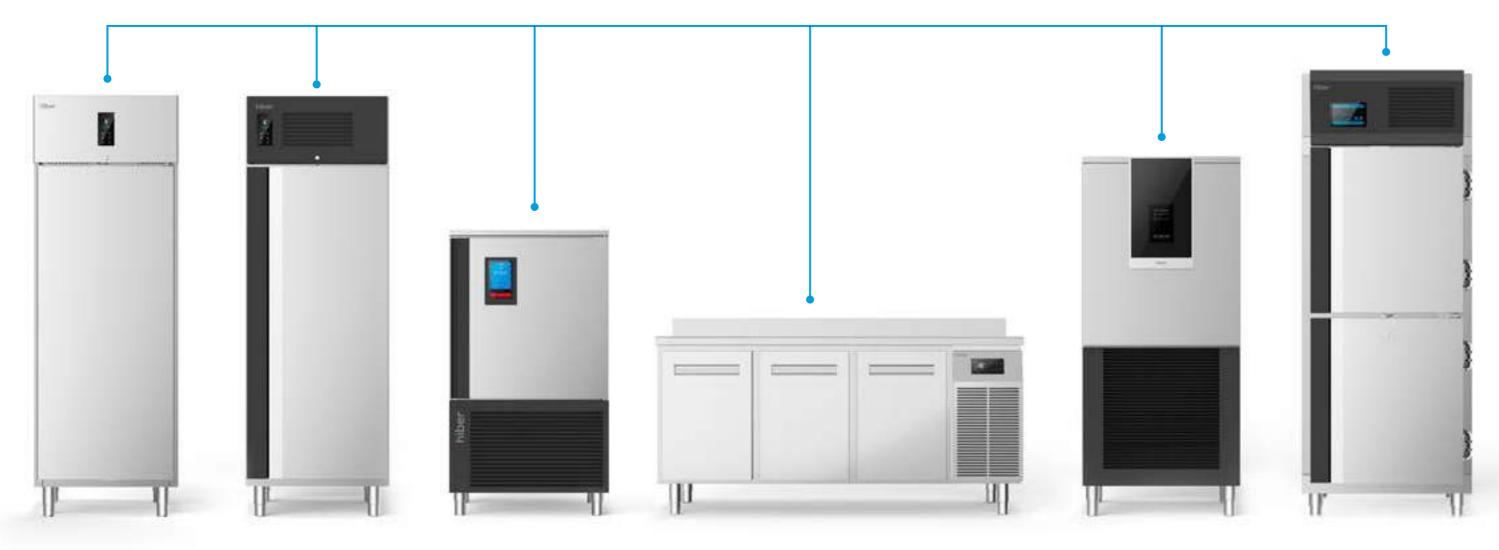
### ENVIRONMENT

The impact on the environment is one of the most significant aspects of our on-going research work and quest for high-performance solutions and reduced energy consumption. The increased insulation thickness and use of electronic fans as well as high-strength seal gaskets combine with the recent introduction of R290 ecological refrigerant to consume less and work better.

# PROFESSIONALLY SIZED

Every Hiber model is designed and developed to immediately and seamlessly fit in with the laboratory ensuring smart, optimised, uniform management of work cycles.





## **BLAST CHILLERS-**SHOCK FREEZERS FreeO 304

The freedom to choose the future, today.

#### FREEO: POWER AND CONTROL

After years of research, development and scientific tests, thousand of hours of testing and analyses of technical performance comes FREEO, Hiber's response to the new cooling management requirements in the laboratory. This extremely high performance operating system with reduced energy consumption is easy to use and reliable 365 days a year.

#### **OPTIMISATION**

Maintain the characteristics of your products unaltered over time by optimising menus and activities and shock freezing. FREEO offers you complete freedom to organise production flows, enabling you to regenerate the amount of product you effectively need without any waste or leftovers. Take control over economies of scale when purchasing and increase the shelf life of your stock with maximum food safety using the HACCP system and the reliability of FREEO blast-chillers-shock freezers.



7" EASY, INTUITIVE, SELF-EXPLANATORY CAPACITIVE HD TOUCH SCREEN DISPLAY

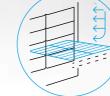


**IOT INTERNET OF** HACCP FUNCTION THINGS AND INDUSTRY 4.0 STANDARD FOR **REMOTE MONITORING** PROGRAMMES AND CONTROL

**REPLACEABLE WITHOUT** 

**RECIPES AND** 

DEDICATED



MONOCOQUE CONSTRUCTION IN AISI **304 STAINLESS STEEL** 

60

60MM THICK HIGH DENSITY POLYURETHANE

FOAM INSULATION

ROUNDED CORNERS FOR

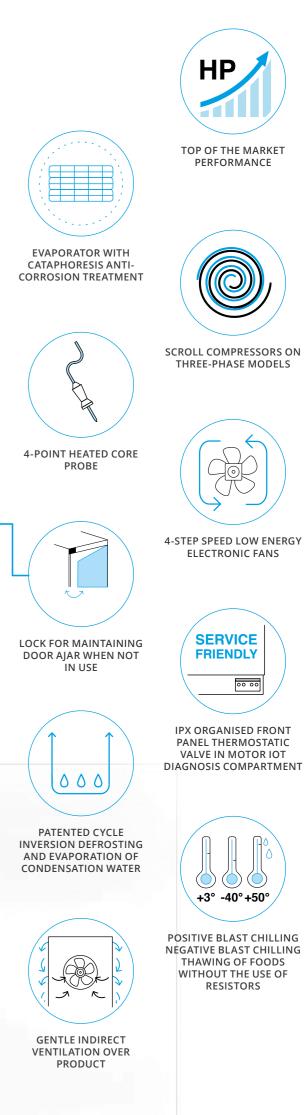
**GREATER HYGIENE** 

MAGNETIC SEALS

TOOLS

hibe

STAINLESS STEEL TRAYHOLDERS, WITH PAIRS OF REMOVABLE GUIDES



17

## SHEER POWER AND LOW CONSUMPTION

FREEO anticipates the market by offering best-in-class performance, with a keen eye on consumption.

## TOUCH THE SKY WITH A FINGER

The display provides a user experience that is intuitive, simple and true.





PERFORMANCE INCREASED BY 25%



AIR FLOW STUDIED IN WIND TUNNEL FOR MAXIMUM EXPLOITATION OF THE HEAT EXCHANGE POTENTIAL.



OPTIMISED SCROLL

COMPRESSORS ON THREE-

HIGH PERFORMANCE EVAPORATORS AND CONDENSORS, WITH LARGE HEAT EXCHANGE SURFACES.

HIGH PERFORMANCE, 4-STEP SPEED LOW CONSUMPTION

FANS.

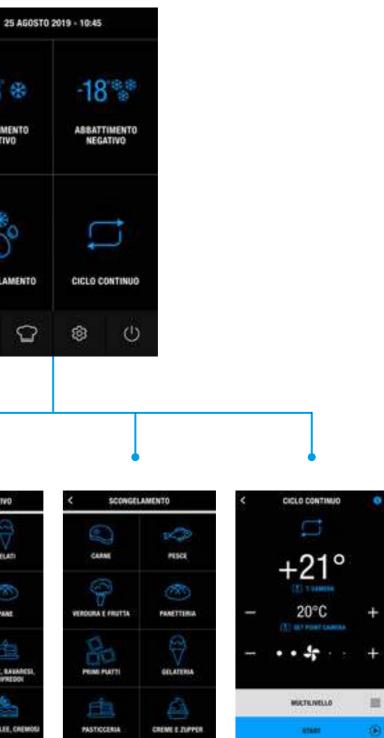
HIGH DENSITY POLYURETHANE FOAM INSULATION.

PATENTED CYCLE-INVERSION DEFROSTING.

YIELDS KW/KG DECLARED IN ACCORDANCE WITH NEW EUROPEAN REGULATIONS.

/ 8

## immediate, even for lower qualified staff. It seems almost too good to be



## FREEO BLAST CHILLERS-SHOCK FREEZERS RANGE

Blast chillers-shock freezers with on-board units are also available with air condensed (standard) or water condensed (on request) remote units.



560×560×520 mm ABM023S



790x800x850 mm G006.1E





Model	Dimensions (LxDxH)	Capacity in 165x360x120h trays	Capacity in 165x250x120h trays	MAX YIELD EN17032 negative blast chilling (kg/ cycle)	Electricity supply	Max electric power	Max. current absorbed
ABM023S	560x560x520	2	1	6	230/1/50	587	3.4
G006.1E	790x800x850	6	4	12	230/1/50	1370	6.7
FG006.1	790x800x850	6	4	15	230/1/50	1634	7.9
FG015.4	790x850x1450	15	10	25	230/1/50	3153	16.2



790x850x1800 mm FG018.5

790x850x1950 mm FG021.6

Model	Dimensions (LxDxH)	Capacity in 165x360x120h trays	Capacity in 165x250x120h trays	MAX YIELD EN17032 negative blast chilling (kg/ cycle)	Electricity supply	Max electric power	Max. current absorbed
FG018.5	790x850x1800	18	12	35	400/3/50+N	4066	15.4
FG021.6	790x850x1950	21	14	60	400/3/50+N	4242	17.4
FG030.8	1100x1030x1800	30	20	62	400/3/50+N	4320	17.4



1100x1030x800 mm FG030.8

# AGF ICE CREAM FREEZERS

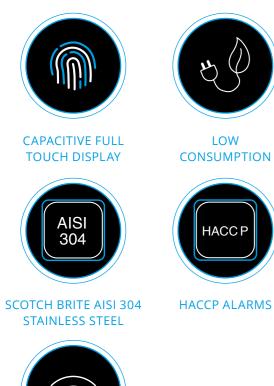
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#### **GUARANTEED EFFICIENCY AND QUALITY**

The SMART ventilation system featured on Hiber modular storage units guarantees a perfectly even temperature in every part of the freezer, respecting the same freezing point depression for different flavours and offering the ideal consistency for serving and sale.

Our AGF cabinets protect ice cream from the risk of dehydration, oxidation and structural collapse, ensuring stability and the ideal consistency and perfect enhancement of the aromas of every recipe.

Constructed entirely of AISI 304 STAINLESS STEEL and featuring Scotch-Brite® satin finish, they offer a load capacity ranging from 48 to 98 ice cream tubs.









**INTERNET OF THINGS** AND INDUSTRY 4.0



## AGF ICE CREAM STORAGE CABINETS

#### **48 TRAYS** 165×360×120 mm 32 TRAYS 250×360×120 mm

60 TRAYS 165×360×120 mm 40 TRAYS 250×360×120 mm

AGF72.1

60 TRAYS 165×360×120 mm 40 TRAYS 250×360×120 mm 60 TRAYS 165×360×120 mm 50 TRAYS 250×360×120 mm 60 TRAYS 165×360×120 mm **50 TRAYS** 250×360×120 mm 60 TRAYS 165×360×120 mm 50 TRAYS 250×360×120 mm

60 TRAYS 165×360×120 mm **50 TRAYS** 250×360×120 mm



700×870×2080 mm AGF0062

790×915×2110 mm 790×915×2110 mm

AGF72.2



790×1030×2110 mm AGF82.1



790×1030×2110 mm AGF82.2

Model	Operating temperature (°C)	Electricity supply (V/~/Hz)	Max power supply (W)	Max current absorbed (W/A)	Refrigerant gas	Energy class
AGF0062	-30/-12	230/1/50	955	4.4	R452a	D
AGF72.1	-30/-12	220/1/50	895	4,32	R290	D
AGF72.2	-30/-12	220/1/50	895	4,32	R290	D
AGF72.1/R	-30/-12	220/1/50	541	2,61	R452a	Set Up
AGF72.2/R	-30/-12	220/1/50	553	2,67	R452a	Set Up
AGF82.1	-30/-12	220/1/50	860	4,15	R290	С
AGF82.2	-30/-12	220/1/50	860	4,15	R290	D
AGF82.1/R	-30/-12	220/1/50	541	2,61	R452a	Set Up
AGF82.2/R	-30/-12	220/1/50	553	2,67	R452a	Set Up





790×1030×2110 mm AGX82.1

790×1030×2110 mm AGX82.2

Model	Operating temperature (°C)	Electricity supply (V/~/Hz)	Max power supply (W)	Max current absorbed (W/A)	Refrigerant gas	Energy class
AGX821	-30/+18	220/1/50	860	4,15	R290	С
AGX822	-30/+18	220/1/50	860	4,15	R290	D
AGX821/R	-30/+18	220/1/50	541	2,61	R452a	Set Up
AGX822/R	-30/+18	220/1/50	553	2,67	R452a	Set Up
AGF1080R	-30/-5	400/3/50	1550	8.5	R452a	D
GFA0285 COMBI	-30/-12/-40	220/1/50	2355	2,1	R452a	

98 TRAYS 165×360×120 mm 60 TRAYS 250×360×120 mm



900×1140×2320 mm AGF1080R

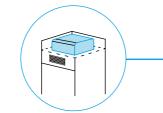


740×1070×2070 mm GFA0285 COMBI

# PREMIERE 2.0 CABINETS



AIR CURTAIN TO REDUCE AMOUNT OF WARM AIR ENTERING WHEN DOOR IS OPENED



CLASS 5 TROPICALISED (43°)

MONOBLOC MOTOR

\*

AUTOMATIC DEFROSTING WITH

HOT GAS WATER EVAPORATION

WITHOUT A SUPPLY OF ELECTRICITY

#### EASY CLEAN

The Premiere line is designed with moulded steel inner sides to hold grids and trays without the need for supports and runners. The rounded corners further reduce points where dirt can potentially accumulate, rendering cleaning and sanitising operations faster and more effective.

#### SAFETY

The design of the shaped sides, Gastronorm trays and internal channelling system ensure perfect, uniform preservation of the product, even when fully loaded, thus preventing any potential obstruction of the airflow. When the door is opened, a curtain of air protects the products inside from the risk of changes in temperature by preventing warm air from outside from entering.



4.3" CAPACITIVE TOUCH CONTROL DISPLAY



INTERNET OF THINGS AND INDUSTRY 4.0



LOW CONSUMPTION



HIGH-PERFORMANCE EVAPORATOR WITH CATAPHORESIS TREATMENT



4-STEP SPEED LOW-ENERGY ELECTRONIC FANS



## LESS ENERGY, **MORE POWER**

is not a minor detail.

INTELLIGENT SELF LEARNING

This self-learning system operates

synergistically with the ESS and, by

(working hours, settings and pauses),

is able to optimise machine function

and guarantee energy savings on a

mapping out the working activity

It's the details that create perfection and perfection



## NEW & EASY

From in-depth studies of production cycles through to improving the user experience, the new Hiber models are even more intuitive and easier to use.



bidirectional IOT connectivity for

firmware upgrades, monitoring, downloading data from USB ports or Cloud all via LAN connection (standard) or WiFi (optional).



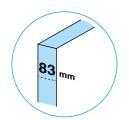
**REMOTE CONTROL** We pay very careful attention to new Using our APP you can easily technology. This is why our appliances are equipped from the start with to the appliance. Industry 4.0, sending and altering customised programmes remotely,

**ENERGY SAVING SYSTEM** Following the logic of logarithmics, this system enables consumption to be significantly reduced by intervening on the temperatures and settings during production downtime, without any impact on daily activity or the preservation of foodstuffs.



daily basis.

#### AIR CURTAIN This is activated when the door is opened to limit the influx of warm air into the chamber, thereby lowering consumption.



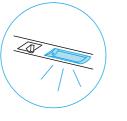
#### **INCREASED INSULATION** THICKNESS

The introduction of moulded sides in place of conventional trayholders and guides has enabled insulation thickness to be increased from 75 to 83 mm.



#### **REMOVABLE MAGNETIC** GASKETS

Our appliances are fitted with removable highefficiency gaskets, which are 15% wider than conventional ones and feature 5 chambers.



### LED LIGHTS

We have fitted the Premiere Cabinets with a LED lighting system that guarantees reduced consumption.



#### LOW-ENERGY ELECTRONIC FANS

Optimised fan management allows performance to be controlled thereby avoiding stratification of cold air and significant differences in temperature within the cell.





download operational diagrams and alarms or send operating parameters



#### CAPACITIVE DISPLAY

The new multi-function display featuring 4.3" capacitive graphic screen, is simple to use. The selfprotection system with display lock prevents accidental alteration of parameters.

## PREMIERE 2.0 CABINETS

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All machines are available also with remote unit included (max. 10 metres).





700×850×2080 mi PP70TNN PP70TNNI PP70BT

700×850×2080 mm PP72TNN PP72BT





700×850×2080 mm PP072TNNTNN PP72TNNI PP072TNNBT

Model	Dimensions (LxDxH)	Operating temperature °C	Electricity supply	Refrigerant gas	Consumption ISO16825 standard [kW24h]	Energy class
<b>PP70TNN</b>	700x850x2080	-2+8	230/1/50	R290	0.95	А
PP701	700x850x2080	-6+4	230/1/50	R290	0.95	А
PP70BT	700x850x2080	-15-25	230/1/50	R290	3.07	В
PP72TNN	700x850x2080	-2+8	230/1/50	R290	0.95	А
PP72I	700x850x2080	-6+4	230/1/50	R290	0.95	А
PP72BT	700x850x2080	-15-25	230/1/50	R290	3.07	В
PP70TNN/V	700x850x2080	-2+8	230/1/50	R290	n.a.	E
PP72TNNTNN	700x850x2080	-2+8/-2+8	230/1/50	R290	n.a.	D
PP72TNNI	700x850x2080	-2+8/-6+4	230/1/50	R290	n.a.	D
PP72TNNBT	700x850x2080	-2+8/-15-25	230/1/50	R290	n.a.	n.a.



1400×850×2080 mm PP140TNN PP140BT

1400×850×2080 mm

PP143TNN PP143BT





1400×850×2080 mm PP140TNNTNN PP140TNNI PP140TNNBT PP140BTI

1400×850×2080 mm PP143TNNBT PP143TNNI

Model	Dimensions (LxDxH)	Operating temperature °C
PP140TNN	1400x850x2080	-2+8
PP140I	1400x850x2080	-6+4
PP140BT	1400x850x2080	-15-25
PP143TNN	1400x850x2080	-2+8
PP143I	1400x850x2080	-6+4
PP143BT	1400x850x2080	-15-25
PP144TNN	1400x850x2080	-2+8
PP144I	1400x850x2080	-6+4
PP144BT	1400x850x2080	-15-25
PP140TNN/V	1400x850x2080	-2+8
PP140TNNTNN	1400x850x2080	-2+8/-2+8
PP140TNNI	1400x850x2080	-2+8/-6+4
PP140TNNBT	1400x850x2080	-2+8/-15-25
PP140BTI	1400x850x2080	-15-25/-6+4
PP143TNNBT	1400x850x2080	-2+8/-15-25
PP143TNNI	1400x850x2080	-2+8/-6+4



1400×850×2080 mm PP144TNN PP144BT



1400×850×2080 mm PP140TNN/V PP140BT/V

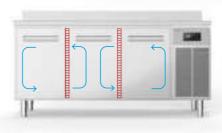
Electricity supply	Refrigerant gas	Consumption ISO16825 standard [kW24h]	Energy class
230/1/50	R290	1.84	В
230/1/50	R290	1.84	В
230/1/50	R290	8.51	С
230/1/50	R290	1.84	В
230/1/50	R290	1.84	В
230/1/50	R290	8.51	С
230/1/50	R290	1.84	В
230/1/50	R290	1.84	В
230/1/50	R290	8.51	С
230/1/50	R290	n.a.	D
230/1/50	R290	n.a.	В
230/1/50	R290	n.a.	В
230/1/50	R290	n.a.	n.a.
230/1/50	R290	n.a.	n.a.
230/1/50	R290	n.a.	n.a.
230/1/50	R290	n.a.	n.a.

# REFRIGERATED COUNTERS AURA PLUS 2.0



SPECIAL VENTILATION AND MULTIPLE EVAPORATORS











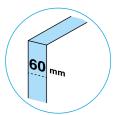
EVAPORATOR WITH CATAPHORESIS TREATMENT, POSITIONED OUTSIDE THE REFRIGERATED COMPARTMENT







2-STEP RELATIVE HUMIDITY CONTROL



60MM THICK HIGH DENSITY INSULATION



ALSO WITH REMOTE UNIT

## COUNTERS AURA PLUS 2.0

Robust and heavy duty, designed to last a long time and completely customisable to suit your specific requirements.



915×700 mm 1 DOOR

Model	Dimensions (LxDxH)	Operating temperature °C	Electricity supply	Refrigerant gas	Consumption ISO16825 standard [kW24h]	Energy class
1 door	915x700	-2+8	230/1/50	R290	1.04	А
1 door	915x700	-15/-20	230/1/50	R290	5.78	D



1275×700 mm 2 DOORS

Model	Dimensions (LxDxH)	Operating temperature °C	Electricity supply	Refrigerant gas	Consumption ISO16825 standard [kW24h]	Energy class
2 doors	1275x700	-2+8	230/1/50	R290	1.04	А
2 doors	1275x700	-15/-20	230/1/50	R290	6.08	D

AURA 660 Heights are 810 cm, 850 mm or 910 mm depending on the type of top chosen. AURA 710 Heights are 860 mm, 900 mm or 1000 mm depending on the type of top chosen.



Model	Dimensions (LxDxH)	Operating temperature °C	Electricity supply	Refrigerant gas	Consumption ISO16825 standard [kW24h]	Energy class
3 doors	1735x700	-2+8	230/1/50	R290	1.38	А
3 doors	1735x700	-15/-20	230/1/50	R290	7.37	D



Model	Dimensions (LxDxH)	Operating temperature °C	Electricity supply	Refrigerant gas	Consumption ISO16825 standard [kW24h]	Energy class
4 doors	2195x700	-2+8	230/1/50	R290	1.38	А
4 doors	2195x700	-15/-20	230/1/50	R290	8.84	D



1735×700 mm 3 DOORS

2195×700 mm 4 DOORS

# MODULAR COLD ROOMS AND MINI COLD ROOMS

Our cold rooms are constructed using all MADE IN ITALY components in order to guarantee a superior standard of quality and complete respect for statutory health and hygiene regulations.

They are modular, which enables them to be customised in endless ways while camlocks and "line-up" joints make them extremely easy to mount.

MODULAR COLD ROOMS:

100% customisable, made of plastic coated galvanised metal plating or 304 stainless steel on request, with panels of different thicknesses, hinged or sliding doors, with or without bottom, positive, negative and multitemperature and much more.

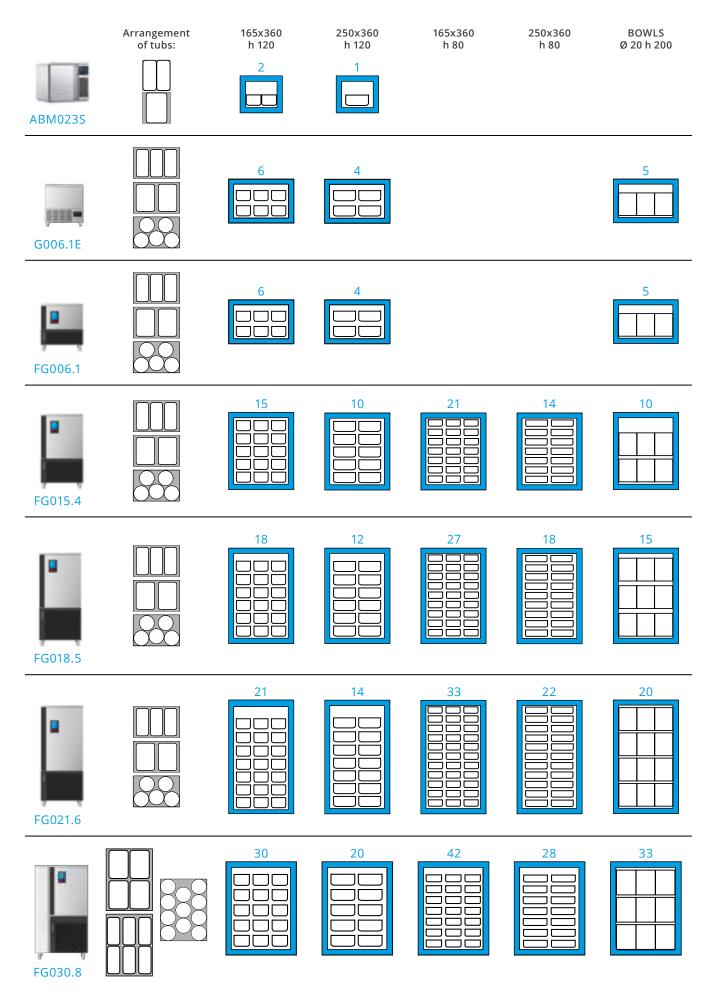
#### MINI COLD ROOMS WITH ON-BOARD UNIT:

Prefabricated cells with onboard motor, wall or ceiling mounted, easily and quickly installed, without calling out a refrigeration engineer.



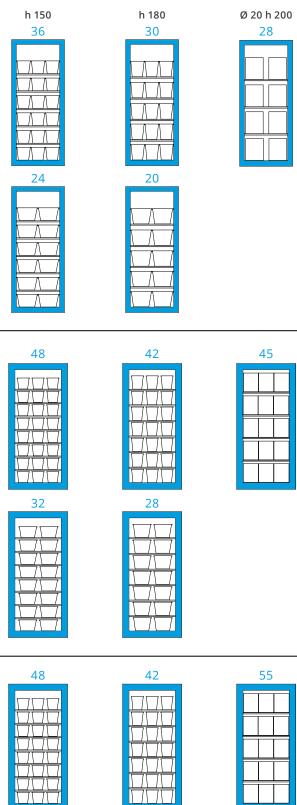


## FREEO BLAST CHILLERS-SHOCK FREEZERS



## AGF ICE CREAM STORAGE FREEZERS







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 $\Box \Box \Box \Box$ 

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## RAW MATERIAL STORAGE FREEZERS

REFRIGERATED CABINETS PREMIERE 2.0



PP70TNNI

PP140TNN

PP140BT

MENU

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M70TNN

M701

M70BT

PP70BT



PP72BT

PP143TNN

PP143BT



PP70BT/V

PP144TNN

PP144BT

M140TNN

M140i

M140BT



PP072TNNTNN PP72TNNI PP072TNNBT



PP140BT/V

M143TNN

M143I

M143BT





PP140TNNTNN PP140TNNI PP140TNNBT PP140BTI

PP143TNNBT PP143TNNI





M144TNN M144I M144BT

M140TNN/V

**REFRIGERATED COUNTERS** AURA PLUS 2.0

AURA PLUS 2.0 SET UP

M72TNN

M72I

M72BT



1 DOOR

-

1 DOOR

AURA

2 DOORS

2 DOORS

M70TNN/V

3 DOORS





3 DOORS



4 DOORS

1 DOOR

2 DOORS



3 DOORS









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