

**Vision**

**coldline**



At Coldline, we create technologies  
that simplify the daily work  
of chefs, pastry chefs, bakers,  
ice cream and pizza makers.



## Cold culture and technology

### **The human factor**

At Coldline we value a dialogue with the men and women who work in the kitchen. It helps us to develop ideas and technologies which allow us to improve our products.

### **“Cold” culture**

In our laboratory, we monitor our appliances in extreme conditions. This ensures that they will be able to perform optimally even when used intensively. We subject them to strict field testing at our modern cooking center, where our group of corporate chefs validate all our new products.

### **100% integrated process**

Research and development, design and production activities are carried out exclusively in our factories in Torreglia (PD), Italy. All business processes are founded upon the principles of reliability, efficiency and energy savings.



## Tailored to your sector

We offer ideal solutions for every catering business. It is the wide range of sizes, energy saving and high performance qualities which define Coldline appliances.



### Catering

Restaurants  
Delicatessens  
Catering centres  
Fast food  
Snack bars  
Butchers  
Fishmongers  
Hotels  
Large-scale distribution



### Pastisseries

Artisan pastry  
Chocolatiers  
Confectioners



### Bakeries

Boulangerie  
Neighbourhood bakeries  
Bakery workshops



### Ice cream centres

Ice cream parlours  
Ice cream take aways  
Production centres and  
ice cream distribution



### Pizzerias

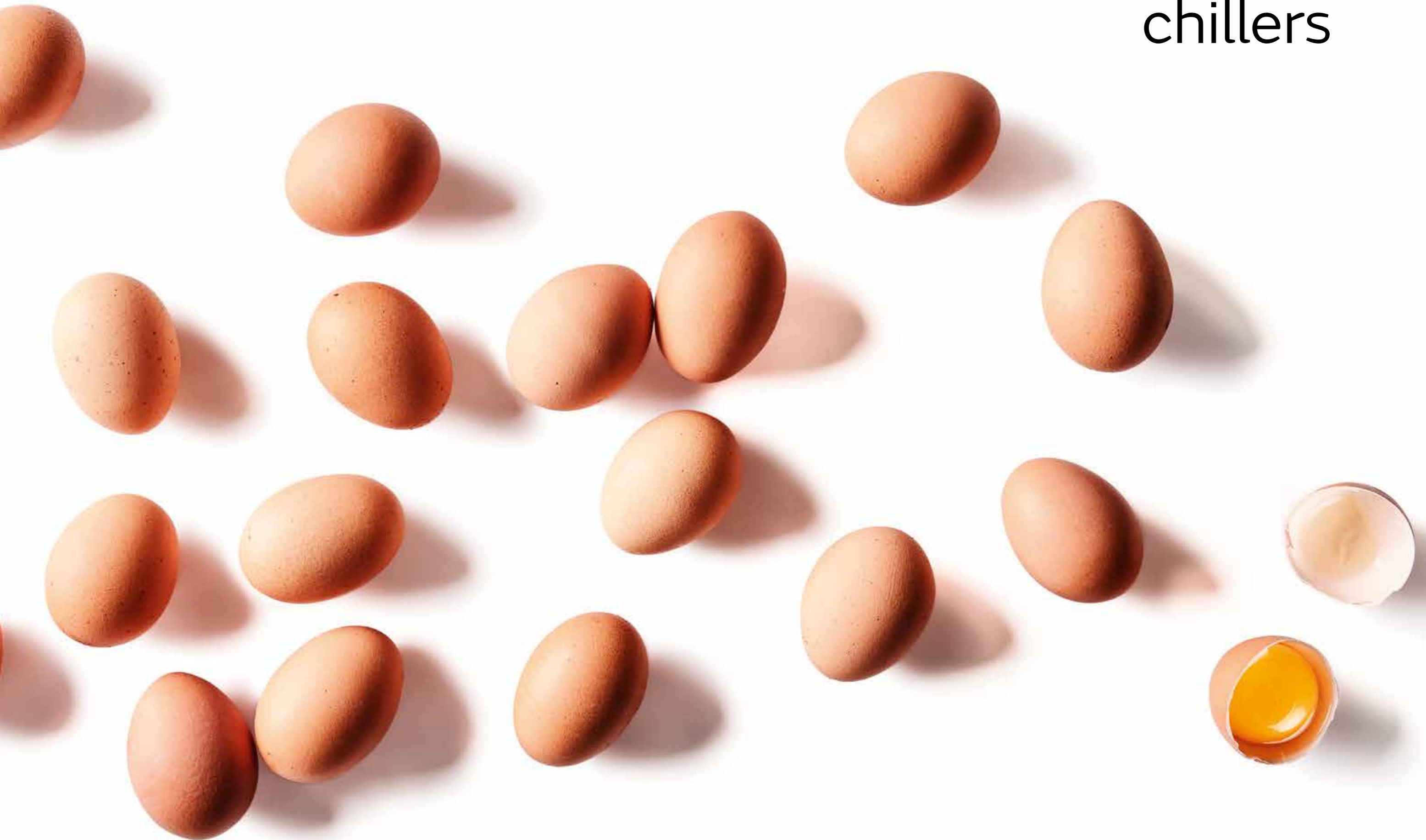
Pizza take aways  
Gourmet pizzerias



## VISION fulfills your every desire

VISION multifunction technology is evolving, offering new opportunities for professionals in modern catering businesses. Blast chillers, retarder provers and storage units that perform many functions and work continuously day and night.

Blast  
chillers



NUVŌ™  
STEAM SLOW COOKING & COOLING

## Cooking & Cooling

NUVŌ™ is the revolutionary patented technology that allows food to be cooked at low temperatures with the use of steam, and which also combines the blast chilling and freezing cycles.

When using NUVŌ™, food is completely enveloped by hot steam. The micro particles of water ensure excellent heat transmission which results in homogeneous and delicate cooking.

With NUVŌ™, the entire Cook & Chill process takes place without the need to move trays or trolleys, or the need for manual intervention. Once cooking is complete, chilling, freezing and conserving at the desired temperature can be programmed.

This is an innovative appliance which increases productivity by allowing the production cycle to continue operating over night.

# VISION blast chillers technological excellence

Thanks to the continuous dialogue with top Chefs and Pastry Chefs, Coldline has developed the VISION F and VISION NUVÖ™ blast chillers which offers every professional the most suitable appliance for their business.

VISION replaces several traditional devices integrating multiple functions in a small space. During the day, it chills, freezes or thaws, overnight it can prove or cook at low temperature.

Simple, powerful and innovative technology that allows you to save time, decrease energy consumption and improve the quality of your work.



F	NUVÖ™
-40°C +65°C	-40°C +85°C

■	■
■	■
■	■
■	■
■	■
■	■
■	■
■	■
■	■
■	■
-	■
-	■
■	■

- Blast chilling**  
Quickly cools fresh or cooked food to a core temperature of +3°C
- Blast freezing**  
Quickly cools fresh or cooked food to a core temperature of -18°C
- Manual cycle**  
Keeps food at temperature between -40°C +65°C (F), -40°C +85°C (NUVÖ™)
- Thawing**  
Safely and quickly thaws food while maintaining the original quality
- Proving and retarder proving**  
Creates the ideal micro-climate by adding moisture for perfect proving
- Chocolate crystallisation**  
Pralines, chocolates and chocolate bars crystallise in a few minutes
- Holding**  
Maintain ice cream, desserts, cakes and dishes at a temperature ready to serve
- Desiccation**  
Gently dehydrates food and extends storage times
- Yoghurt**  
Allows you to make creamy natural yoghurt using only good-quality milk.
- Pasteurisation**  
Eliminates pathogenic micro-organisms in foods and extends storage times
- Low temperature steam cooking**  
Gently cooks food at a controlled temperature while adding moisture
- Steam sanitisation**  
The blast chiller compartment is steam sanitised, thus removing odours and food residues



# Blast chilling

Quickly cools raw or freshly cooked food to a core temperature of +3°C, stops bacterial growth, increases fridge life by 70% while maintaining quality intact.

## Roast octopus with chickpea cream, cherry tomatoes, basil and parsley chlorophyll

Regenerated in 6 minutes, served 8 minutes from the order

### Roast octopus

Freshly frozen with VISION, cooked and blast chilled 4 days before serving

### Chickpea cream

Made and blast chilled 3 days before serving



### Store for longer

At temperatures between +65°C and +10°C the conditions are ideal for bacterial growth, thus shortening the shelf life of food. Immediate cooling with VISION lengthens the storage period while maintaining colour, flavour and texture.

### Planning and flexibility

By increasing the storage period of food, you won't have to repeat the same preparation work each day. You can plan ahead, produce greater quantities, and regenerate and serve only the required portions in a short time.

### Food safety

Even the most delicate preparations such as creams and sauces can be properly managed according to current health regulations. You can save detailed reports and keep your HACCP registry up-to-date.

### Hydration in proved products

Blast chilling proved products and baking bases prevents the evaporation of water, thus reducing dehydration. Bread, pizza and sponge cakes will maintain their softness and aroma for longer.

# Blast freezing

Quickly freezes food to a core temperature of  $-18^{\circ}\text{C}$ , favouring the micro-crystallisation of liquids. Fibres, flavour and structure remain unchanged.

## Pacchero pasta filled with creamed salted codfish on pumpkin cream and squid-ink bread crumbs

Regenerated in 7 minutes, served 9 minutes from the order

### Pacchero pasta filled with salted codfish

Cooked, filled and frozen with VISION  
18 days before serving

### Squid-ink bread crumbs

Prepared 34 days before serving, dried with VISION

### Pumpkin cream

Prepared 21 days before serving, frozen with VISION in single portions



### Perfectly healthy

Thanks to the power and delicacy of VISION blast chilling, you can purify raw fish and eliminate any risk of Anisakis. After thawing, you will get firm and easy-to-work.

### Organisation and convenience

You can effectively combine purchasing and freezing ingredients from your trusted suppliers. Reducing the purchase of frozen and semi-finished industrial products is a sure source of cost savings.

### Larger menu

Food perfectly stored for long periods of time allow you to offer customers a more varied menu, while maintaining the excellent quality they have become used to.

### The ideal program for every food type

Choux pastries, mousses, proved products, baking bases, ice cream, single portions, semifreddi, biscuits, creams, mignons. VISION offers you dedicated programs for foods with different characteristics.

### Air, the secret to soft ice cream

The presence of micro-bubbles of air determines the creaminess of the ice cream. VISION creates a thin surface barrier that prevents the air from dispersing. The ice cream stays creamy and stable over time.

### Semifreddi and ice cream cakes

Freeze neutral bases for ice cream cakes, semifreddi, soft desserts; you will be able to prepare delicious desserts and respond to every customer request in just a few minutes.

# Thawing

Thaw frozen food safely with VISION.  
Careful management of temperature and humidity prevents the bacterial growth.



**Prawn and  
bluefin tuna**  
Defrosted in 8 minutes

## Food safety

Thawing is a slow and delicate process. Using running water is not recommended, and microwaves partially cook food and alter the protein. With VISION, you can thaw quickly and safely while keeping the characteristics of the food intact.

## Thawed in a few minutes

You can bring fish, meat, baking bases, ice cream and desserts back to serving temperature with VISION's specific programs. You can redesign the display windows in a short time and offer a wider choice to your customers, all the while working without stress.

# Proving and Retarding proving

Dough is perfectly proved immediatly or at a scheduled time; increasing humidity allows you to maintain the ideal hydration for the regular proving of yeast.

## Gourmet pizza with sourdough starter

Dough proved using the overnight program, cooked, deep-frozen and regenerated in 5 minutes



## Home-made proved products

Bread, gourmet pizza, focaccias, croissants and home-made doughnuts will give your business prestige. VISION has an excellent proving chamber for alveolate, soft and digestible proved products. You can also easily handle sourdough starters regardless of the weather conditions.

## Retarder proving

Thanks to VISION, you can comfortably organise the cooking time in the kitchen. Night proving can be programmed by setting up to 5 phases (stopping, holding, reactivation, proving, storage), selecting duration, temperature, humidity percentage and ventilation intensity.

# Chocolate crystallisation

Pralines, chocolates and chocolate bars crystallise in a few minutes, remaining shiny and crispy thanks to the ideal temperature and humidity.

## Assorted pralines

Crystallised with VISION,  
30 kg produced in 4 hours



### Crystallising is not the same as chilling

Simply chilling tempered chocolate makes the product opaque and uninviting; this is due to the poor crystallisation of the cocoa butter. VISION helps you stabilise the chocolate in just a few minutes using controlled temperature and humidity to obtain the optimal development of the flavourings.

### Reduced food cost, high gain

Obtain high profit by using low-cost ingredients. VISION will allow you to prepare larger quantities of chocolate in just a few hours of production and will enrich the flavours in your dessert menu, increasing your restaurant's prestige.

# Holding

Keeps your dishes at serving temperature. Thanks to VISION, the first and last plate will come out of the kitchen at the perfect temperature, even if at different times.

## Lasagne, potatoes and green beans

Kept at 65°C for 2 hours.  
Served 2 minutes from the order



### Hot food, free oven

During service, the blast chiller is often unused, while the oven is in full operation. Using VISION to keep dishes at serving temperature means you will always have the oven available to regenerate and cook. You can serve meals at the perfect temperature in just a few minutes.

### Quick service

During parties and banquets the time dedicated to finishing the dishes is high and distract the kitchen staff from more important activities. Thanks to VISION, you can organise yourself before guests arrive, keeping the dishes ready at a controlled temperature and humidity.

# Desiccation

Dehydrates fruit, vegetables, mushrooms and legumes, which making them available all year round.

## Flavours of the sea

Shells and heads of the prawns are dried, mixed and sieved



## Forest mix

VISION helps you keep the scent, aroma and flavour of freshly picked mushrooms over time. Finely sliced and dried, it helps keep their characteristics for a longer time. You will be able to prepare excellent risottos and soups by leaving behind industrial products that flatten flavours and cause your kitchen to lose value.

## Natural sweetness

Dried apples, bananas, grapes and mangos added to traditional recipes will add an innovative element that will be appreciated by your customers. The natural sweetness of the fruit means you can use less sugar, thus meeting the increasing demand for more natural food.

# Yoghurt

It allows you to make creamy natural yoghurt using only good-quality milk.

## Plain yoghurt with fruit

Matured yoghurt made with overnight program and blast chilled



## Home-made yoghurt

Milk and live lactic cultures are the simple ingredients used to make delicious white yoghurt. You can run the program at night and then, once fermentation is complete, VISION blast chills the yoghurt and stores it at 3°C. You can repeat the production at any time to restore your stock.

## Breakfasts and desserts

Prepare yoghurt using VISION for the breakfast buffet; add honey, dried fruit grains or chocolate chips to create a natural dessert without added sugar.

# Pasteurisation

Removes pathogenic micro-organisms and most of the vegetative organisms present in food and extends the shelf life.

## Garden vegetables

Mix of pickled vegetables pasteurised with VISION



## Safety and organisation

Creams, bases for ice cream, jams, sauces, salsa, fresh pasta, pickled vegetables, chutney and many other preparations can be pasteurised with VISION to maintain the quality of the ingredients and increase their shelf life. Pasteurised foods in closed tubs can be stored at room temperature for several weeks.

## Produce, pasteurise and sell

Have you ever thought of selling to your customers fresh pasta made in your restaurant along with a jar of sauce or pickles you have made? Pasteurisation means you can safely produce food and create an additional source of income.

# Low temperature steam cooking

Cooks the food at low temperature enhancing its colour, flavour and tenderness. The addition of steam allows an optimal distribution of heat, providing a uniform result. When cooking is finished, blast chilling or blast freezing is activated automatically.

## Veal medallions

Cooked at low temperature for 3 hours with the overnight program and blast chilled



## Quality and profit

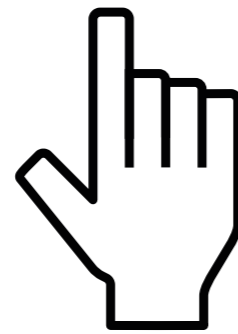
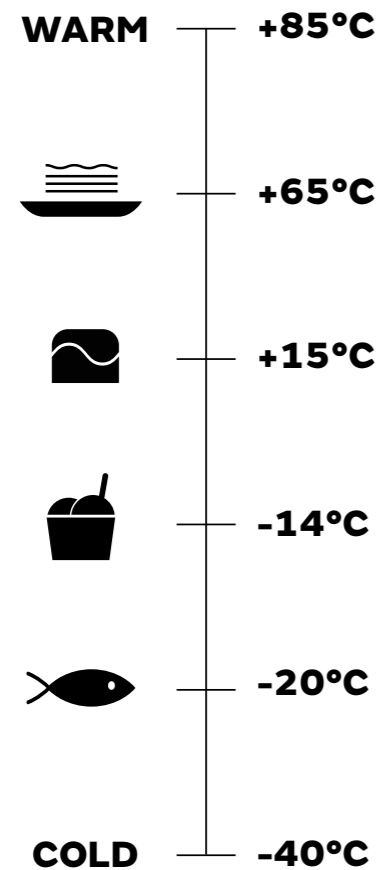
The extraordinary tenderness you can obtain when cooking at low temperature allows you to buy less noble cuts of meat, while still creating excellent dishes. Moreover, slow cooking favours the absorption of flavours and drastically reduces weight loss compared to classic cooking.

## Reduced food cost

Cooking vegetables, fish or meat at night allows you to optimise production cycles and save money. At the end of cooking cycle, chilling or freezing cycles start immediately to block the proliferation of bacteria. In the morning you will find cold food to be moved to storage appliance.

# Manual cycle

VISION works steadily at the temperature you want:  $-40^{\circ}\text{C}$   $+65^{\circ}\text{C}$  (VISION F), or  $-40^{\circ}\text{C}$   $+85^{\circ}\text{C}$ . (VISION NUVÖ™). By varying the ventilation intensity, you can quickly cool even the most delicate foods, thus speeding up production times.



## Continuous cooling

During periods of intense work, you can quickly cool a variety of foods.

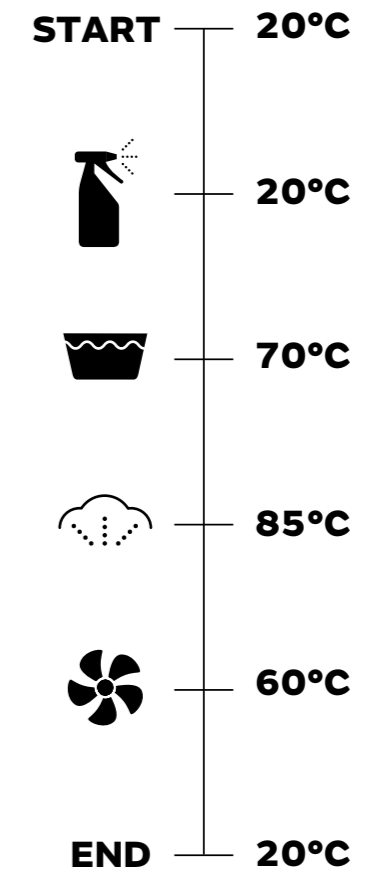
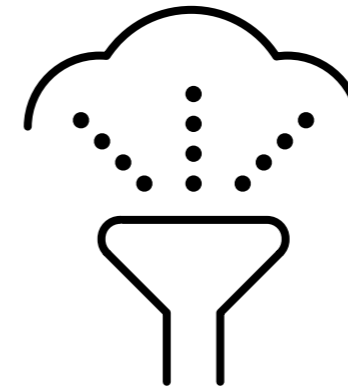
You can set the most suitable temperature and the ventilation intensity for even the most delicate products using the Manual cycle function.

## The perfect cooling temperature for each food type

VISION can also be used as an excellent storage unit. You can keep foods that do not tolerate moisture, such as chocolate, ice cream and creamy semifreddi that should be served at  $-12^{\circ}\text{C}$ / $-14^{\circ}\text{C}$ .

# Steam sanitisation

It sanitises the surfaces of the chamber and the evaporator using hot steam.

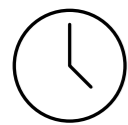


## Detergent + steam

Keeping your VISION clean and sanitised is quick and easy. The Sanification function combines detergent and hot steam action avoiding formation of mold and removing unpleasant odors.

# Control at your fingertips

Protected by robust tempered glass, the 7" touch screen makes using the VISION blast chiller intuitive and immediate for anyone. You can start the available programs with just one touch or even create new ones.



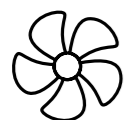
**Time**  
Select the duration of the programs or leave it to Devote™ - Dynamic Evolution Temperature



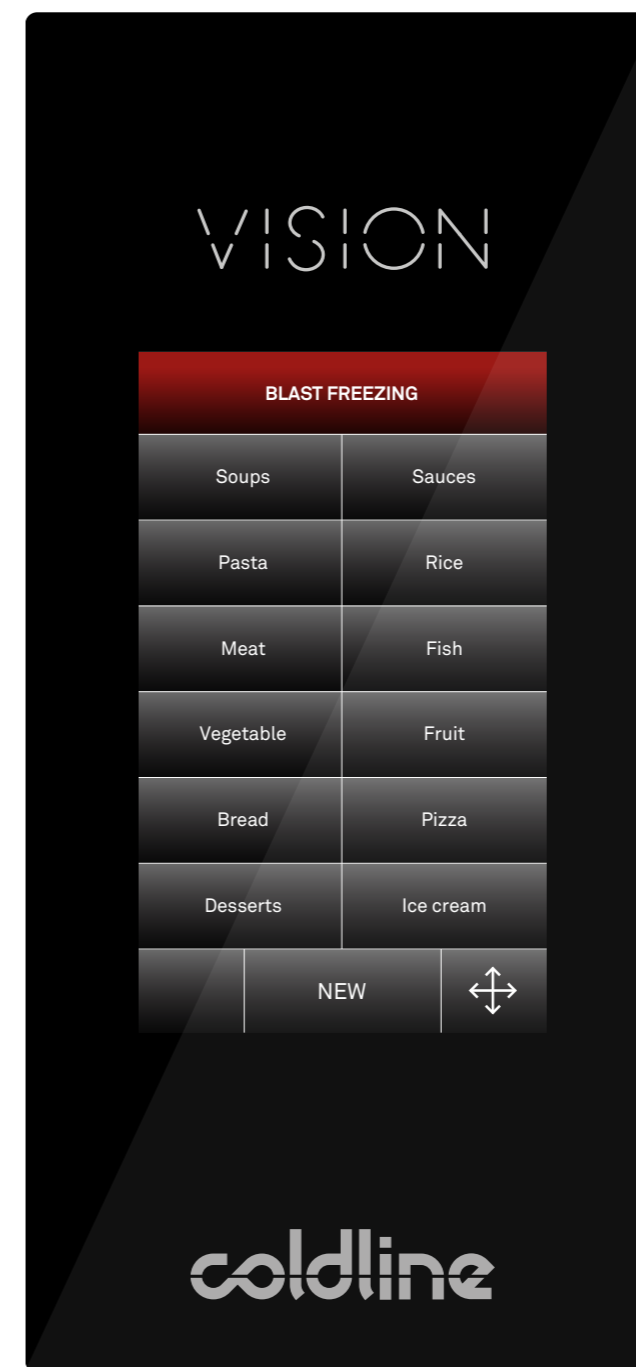
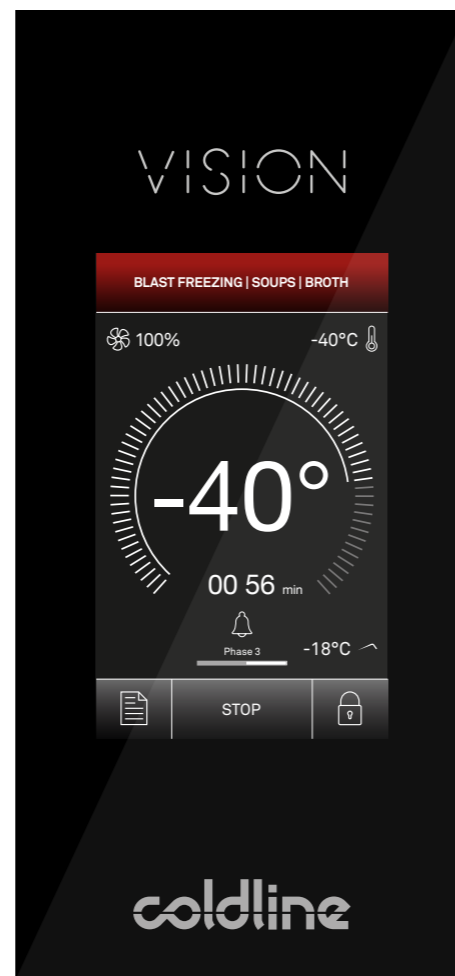
**Temperature**  
Select the perfect temperature to blast chill food, crystallise chocolate, cook, pasteurise or prove dough



**Humidity**  
Set the humidifier between 45% and 95% to define the humidity percentage



**Ventilation**  
Set the ideal ventilation intensity between 25% and 100% for each food type



**Customised recipe book**  
You have customisable programs for each food type

**Personal layout**  
You can change the position of the recipe keys and create your own layout

**Chained programs**  
Hot and cold functions can be performed in automatic sequence

**Manual cycle**  
Work at the temperature you want by selecting optimal ventilation intensity and humidity percentage

**Scheduled notifications**  
An alarm warns you when the set time or temperature has elapsed

**Display lock**  
You can lock the display to prevent tampering by unauthorised personnel





## Blast chill and freeze without a probe: Devote™ takes care of it

Devote™ - Dynamic Evolution Temperature - is the innovative system developed by Coldline which is able to autonomously recognise the weight, size and initial temperature of the food.

Devote™ automatically modulates temperature and ventilation on blast chilling and blast freezing cycles in the shortest time possible without using a core probe.

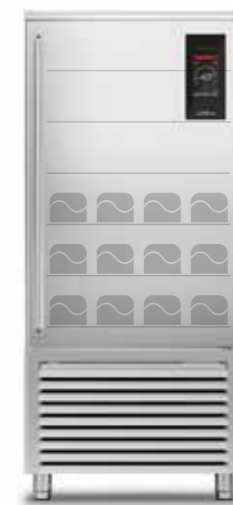
Limiting the use of the core probe allows you to speed up the chill blasting and freezing processes, thus avoiding bacterial contamination between different foods.

### Full load



STD cycle: 115 min  
Devote™ : 101 min.  
**Save time: 14 min**  
**Save energy: 13%**

### Half load



STD cycle: 115 min  
Devote™: 84 min.  
**Save time: 31 min**  
**Save energy: 26%**



## VISION, an hub in the Cosmo

### What is Cosmo?

Cosmo is the innovative Wi-Fi technology that allows you to connect all the Coldline appliances in the kitchen to VISION and monitor them from your smartphone.

### No stress

The refrigerators work non-stop 24 hours a day and maintains the quality of the foods you have selected. Cosmo detects any anomalies caused by power line interruptions or improper personnel interventions and immediately sends a notification to your smartphone.

### Recommended service

Cosmo compares the current performance of a Coldline appliance with the ideal parameters. Should there be any significant differences, it will suggest the necessary maintenance.

### Constantly updated software

Thanks to Cosmo the software of your Coldline device will receive periodic updates as they are released, with the most recently developed features.

# VISION blast chillers technology



## Principal characteristics



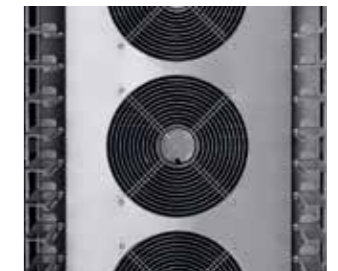
**Modular base**  
Allows installation on wheels, feet, fixed or mobile base.



**Electronic thermostatic valve**  
Regulates the quantity of the refrigerant fluid gas injected, improving performance by 25% and reducing consumption.



**Replaceable gaskets with high performance insulation**  
Triple chamber geometry with innovative D7 compound, which produces 35% higher insulation efficiency than traditional models.



**Air flow circulation conveyor**  
The innovative air circulation system envelops the food while reducing the time of the cooling cycle.



**Easy maintenance**  
The quick release system for the front panel allows the condenser battery to be cleaned quickly, ensuring that its performance over time remains constant.



**Ventilation panel opening**  
Easily inspected evaporator with the quick opening system for easy cleaning and maintenance.



**Slides and racks**  
Removable quick-release racks without the need for use of tools, with positioning holes that facilitate air circulation and allow easy repositioning of EN60x40 and GN1/1 slides.



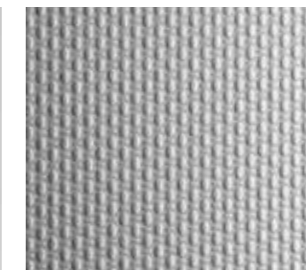
**Core probe**  
Developed with an exclusive ergonomic design, it can be easily dismantled and replaced thanks to a simple connector. Multipoint or heated optional.



**Interior lighting**  
The lighting makes the visibility in the chamber excellent. LED technology ensures low consumption and does not alter the internal temperature of the compartment.



**Devote™**  
Sensor-less technology optimizes the duration of the blast chilling and blast freezing programs, ensuring significant energy savings.



**Stainless steel texture**  
The stainless steel chamber is made more resistant by its particular texture.



**Insulation thickness**  
The thickness of the door has been increased to 80 mm, which allows for a better insulation performance and greater energy savings.

# VISION blast chillers

## F - NUVŌ™

**5T**  
GN1/1  
EN60x40



**L 780 D 859 H 853**

<b>Size (mm)</b>	
<b>Yield per cycle</b>	<b>+90° +3°C</b>
	<b>+90° -18°C</b>
<b>Consumption*</b>	<b>+65° +10°C</b>
	<b>+65° -18°C</b>
<b>Total rate</b>	1930W - 9,8A
<b>Voltage</b>	220/240V-50Hz
<b>Equipment</b>	5 slides GN1/1 - EN60x40
<b>Versions</b>	Remote Water condensation Special power supplies

**Depth 700 mm**  
**5T**  
GN1/1  
EN60x40



**L 780 D 759 H 853**

22 Kg
17 Kg
0,067 kWh/kg
0,259 kWh/kg
2200W - 11,1A
220/240V-50Hz
5 slides GN1/1 - EN60x40
Remote Water condensation Special power supplies

**6T**  
GN1/1  
EN60x40



**L 780 D 859 H 913**

27 Kg
21 Kg
0,071 kWh/kg
0,246 kWh/kg
2170W - 11,0A
220/240V-50Hz
6 slides GN1/1 - EN60x40
Remote Water condensation Special power supplies

**Depth 700 mm**  
**6T**  
GN1/1  
EN60x40



**L 780 D 759 H 913**

21 Kg
15 Kg
0,081 kWh/kg
0,258 kWh/kg
2200W - 11,1A
220/240V-50Hz
6 slides GN1/1 - EN60x40
Remote Water condensation Special power supplies

**7T**  
GN1/1  
EN60x40



**L 780 D 859 H 1093**

34 Kg
24 Kg
0,064 kWh/kg
0,221 kWh/kg
2450W - 12,4A
220/240V-50Hz
7 slides GN1/1 - EN60x40
Remote Water condensation Special power supplies

**Depth 700 mm**  
**Blast chiller counter**  
**7T**  
GN1/1  
EN60x40



**L 1400 D 700 H 950\*\***

34 Kg
24 Kg
0,072 kWh/kg
0,247 kWh/kg
2450W - 12,4A
220/240V-50Hz
7 slides GN1/1 - EN60x40
Remote Water condensation Special power supplies Top without splashback Without top

NOTE  
Available only  
on F version

\* manual cycle -40°C  
Regulations EN 17032:2018  
\*\* with top and splashback

# VISION blast chiller

## F - NUVŌ™

### 10T

GN1/1  
EN60x40



### 14T

GN1/1  
EN60x40



### 20TP

GN2/1  
EN60x80



### 30T

GN1/1  
EN60x40



<b>Size (mm)</b>	
<b>Yield per cycle</b>	<b>+90° +3°C</b>
	<b>+90° -18°C</b>
<b>Consumption*</b>	<b>+65° +10°C</b>
	<b>+65° -18°C</b>
<b>Total rate</b>	
<b>Voltage</b>	
<b>Equipment</b>	
<b>Versions</b>	

<b>L 780 D 859 H 1563</b>
50 Kg
40 Kg
0,082 kWh/kg
0,252 kWh/kg
5620W - 9,95A
400/415V 3N-50Hz
10 slides GN1/1 - EN60x40
Remote Water condensation Special power supplies

<b>L 780 D 859 H 1778</b>
70 Kg
56 Kg
0,061 kWh/kg
0,250 kWh/kg
5700W - 10,0A
400/415V 3N-50Hz
14 slides GN1/1 - EN60x40
Remote Water condensation Special power supplies

<b>L 1100 D 1104 H 1843</b>
80 Kg
60 Kg
0,085 kWh/kg
0,268 kWh/kg
7450W - 13,2A
400/415V 3N-50Hz
10 slides GN2/1 - EN60x80
Remote Water condensation Special power supplies

<b>L 810 D 1096 H 2340</b>
90 Kg
66 Kg
0,095 kWh/kg
0,292 kWh/kg
7150W - 12,6A
400/415V 3N-50Hz
20 slides GN1/1 - EN60x40
Remote <b>H</b> 2215 mm Special power supplies

\* manual cycle -40°C  
Regulations EN 17032:2018

NOTE  
Available only  
on F version

Storage  
units





## VISION storage cabinets and counters

VISION storage cabinets and counters allow you to create ideal storage conditions for all food types according to season, load and production requirements. Regulation of humidity, temperature and ventilation means chocolate, baking bases, ice cream, meat, fish and fresh pasta all keep their original characteristics.

There are 4 cabinet sizes available: 30, 60, 80 EN60x40 trays and Roll-In models for trolleys. Two counter versions: 2 or 3 doors, temperature range  $-30^{\circ}+15^{\circ}\text{C}$  and  $-5^{\circ}+15^{\circ}\text{C}$ .



# Much more than just a storage unit, discover the functions:

## Storage

Creates the ideal storage conditions to preserve foods with specific characteristics and needs. By changing the ventilation intensity, refrigeration can be semi-static or ventilated. Temperature range  $-30^{\circ}+15^{\circ}\text{C}$  and  $-5^{\circ}+15^{\circ}\text{C}$ .

## Thawing

Bring previously frozen foods back to the desired temperature. Variable-phase temperature management helps avoid bacterial build-up and ensures food safety.

## Chocolate crystallisation

Creates the ideal micro-climate to preserve pralines, chocolates, chocolate bars and multi-layered chocolates. The reduced percentage of humidity and the uniform temperature help lower crystallisation times and prevents the efflorescence of cocoa butter, keeping the chocolate shiny and crispy.

## Ice cream

Keeps ice cream in tubs or carapine, semifreddi, ice cream biscuits, cakes and cold pastry products at low temperatures.

## Controls



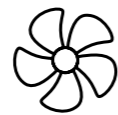
### Temperature

Choose the right temperature to store your preparations



### Humidity

Set the humidity percentage 90% - 40% (temperature  $>4^{\circ}\text{C}$ )



### Ventilation

Set the ideal ventilation intensity between 50% and 100% depending on the degree of hydration of the food stored





# VISION storage units technology



## Principal characteristics



**Modular base**  
Allows installation on wheels, feet, fixed or mobile base.



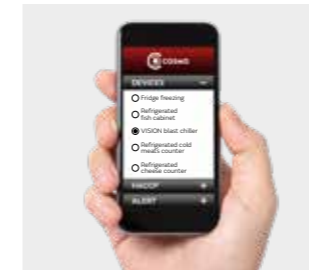
**Replaceable gaskets with high performance insulation**  
Triple chamber geometry with innovative D7 compound, which produces 35% higher insulation efficiency than traditional models.



**Air flow circulation conveyor**  
The innovative air circulation system allows air to envelop the food while reducing the time of the cooling cycle.



**Slides and racks**  
Racks with positioning holes allow easy repositioning of the slides for EN60x40.



**Cosmo wi-fi connection**  
It connects all the Coldline devices in the kitchen to VISION and allows monitoring from a smartphone.



**Insulation thickness**  
The thickness of the door has been increased to 80 mm, which allows for a better insulation performance and greater energy savings.



**Quick-release racks**  
Slotted racks facilitate air circulation and increase cooling efficiency. Removable without the use of tools to facilitate cleaning.



**Interior lighting**  
The lighting makes the visibility in the chamber excellent. LED technology ensures low consumption and does not alter the internal temperature of the compartment.

# VISION storage units

## AC30



## AC60



## AC80



## JC80



## TC13



## TC17



<b>Size (mm)</b>
<b>Temperature (°C)</b>
<b>Maximum absorption (A)</b>
<b>Cooling capacity (W)</b>
<b>Voltage</b>
<b>Equipment</b>
<b>Versions</b>

<b>L 810 D 796 H 2215</b>
-5°+15°    -30°+15°
4,7    6,5
668    751

<b>L 810 D 1096 H 2215</b>
-5°+15°    -30°+15°
4,7    6,5
668    751

<b>L 900 D 1138 H 2465</b>
-5°+15°    -30°+15°
8,0    8,6
1336    1292

<b>L 960 D 1276 H 2465</b>
-5°+15°    -30°+15°
8,0    8,6
1336    1292

<b>L 1450 D 800 H 950*</b>
-5°+15°C
2,5
565

<b>L 2005 D 800 H 950*</b>
-5°+15°C
2,5
565

220/240V-50Hz  
 20 pairs of stainless steel slides for shelves and EN60x40 trays  
 Remote  
 Special power supplies

220/240V-50Hz  
 20 pairs of stainless steel slides for shelves and EN60x80 trays  
 Remote  
 Special power supplies  
 Single door

220/240V-50Hz  
 20 pairs of stainless steel slides for shelves and EN60x80 trays  
 Remote  
 Special power supplies

220/240V-50Hz  
 -  
 Remote  
 Special power supplies

220/240V-50Hz  
 14 pairs of stainless steel slides for shelves and EN60x40 trays  
 Top without splashback  
 Without top  
 Special power supplies

220/240V-50Hz  
 21 pairs of stainless steel slides for shelves and EN60x40 trays  
 Top without splashback  
 Without top  
 Special power supplies

\* body height 710 mm with top and splashback

Retarder  
provers





## VISION retarder prover, cabinets and counters

Reliability, precision and robustness are the main characteristics that distinguish the new generation of VISION retarder prover units.

The 7" touch screen allows you to adjust each of the parameters that affect the proving quality: time, temperature, ventilation and humidity. You can customise the available programs available and create a tailor-made recipe book, thus obtaining extraordinary proved products regardless of the season and weather conditions.

There are 4 cabinet sizes available: 30, 60, 80 EN60x40 trays and Roll-In for trolleys. Two counter versions: 2 or 3 doors, temperature range  $-30^{\circ}+40^{\circ}\text{C}$  and  $-6^{\circ}+40^{\circ}\text{C}$ .



# Functions to prove dough

## Retarder prover

Allows you to program the dough proving at a given time. Ventilation intensity, humidity percentage, temperature and duration can be set for 5 working phases: stopping, holding, reactivation, proving, storage.

## Manual proving

The dough rises for the time defined by the user at the desired temperature, humidity and ventilation. At the end of the program, VISION retards the development of the yeasts, keeping the dough ready for baking or blast freezing.

## Continuous cycle

VISION proves the dough uninterrupted at a controlled temperature, humidity and ventilation intensity.

### Controls



#### Time

Select the duration of the proving phase



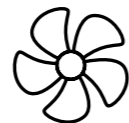
#### Temperature

Choose the right temperature for the maturation of the dough



#### Humidity

Set the humidifier between 45% and 95% to determine the humidity percentage

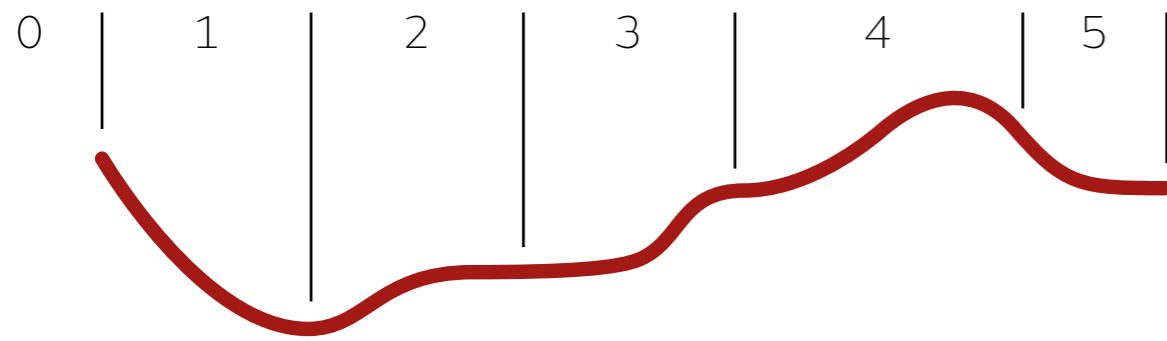


#### Ventilation

Set the optimum ventilation intensity between 25% and 100%



## A 5 stage retarder prover for working without stress



0

### Temperature

Temperature of the mix after the formation of glutinous properties.

1

### Stopping

The mixture is subjected to rapid cooling. The fermentation activity of the yeasts is inhibited.

2

### Holding

The temperature is kept below 3°C. Yeast cells remain inactive until recovery.

3

### Reactivation

The temperature gradually increases. The fermentation activity of the yeasts is slowly regenerated.

4

### Proving

The temperature and humidity increase up to the set value. The fermentation of the dough is complete.

5

### Storage

The proven dough is held at controlled temperatures and humidity levels until baking.





## Additional features

### Storage

Creates the ideal storage conditions to preserve foods with specific characteristics and needs. By changing the ventilation intensity, refrigeration can be semi-static or ventilated. Temperature range  $-30^{\circ}+15^{\circ}\text{C}$  and  $-5^{\circ}+15^{\circ}\text{C}$ .

### Thawing

Bring previously frozen foods back to the desired temperature. Variable-phase temperature management helps avoid bacterial build-up and ensures food safety.

### Chocolate crystallisation

Creates the ideal micro-climate to preserve pralines, chocolates, chocolate bars and multi-layered chocolates. The reduced percentage of humidity and the uniform temperature help lower crystallisation times and prevents the efflorescence of cocoa butter, keeping the chocolate shiny and crispy.

### Ice cream

Keeps ice cream in tubs or carapine, semifreddi, ice cream biscuits, cakes and cold pastry products at low temperatures (low-temperature models only).

# VISION retarder provers technology



## Principal characteristics



**Modular base**  
Allows installation on wheels, feet, fixed or mobile base.



**Replaceable gaskets with high level of insulation**  
Triple chamber geometry with innovative D7 compound, which produces 35% higher insulation efficiency than traditional models.



**Air flow circulation conveyor**  
The innovative air circulation system allows air to envelop the food while reducing the time of the cooling cycle.



**Slides and racks**  
Racks with positioning holes allow easy repositioning of the slides for EN60x40.



**Cosmo wi-fi connection**  
It connects all the Coldline devices in the kitchen to VISION and allows monitoring from a smartphone.



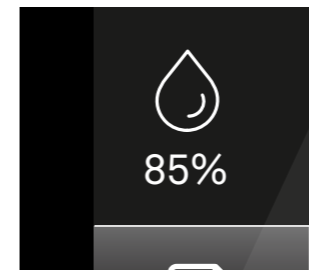
**Insulation thickness**  
The thickness of the door has been increased to 80 mm, which allows for a better insulation performance and greater energy savings.



**Quick-release racks**  
Slotted racks facilitate air circulation and increase cooling efficiency. Removable without the use of tools to facilitate cleaning.



**Interior lighting**  
The lighting makes the visibility in the chamber excellent. LED technology ensures low consumption and does not alter the internal temperature of the compartment.



**Adjustable humidifier**  
The humidity percentage can be adjusted in order to favour the perfect leavening of the dough.



**Water filter**  
The water purification filter is included. The cartridge is replaceable in order to maintain high performance standards.



# VISION retarder provers

## AF30



## AF60



## AF80



## JF80



## TF13



## TF17



<b>Size (mm)</b>		
<b>Temperature (°C)</b>		
<b>Maximum absorption (A)</b>		
<b>Cooling capacity (W)</b>		
<b>Voltage</b>		
<b>Equipment</b>		
<b>Versions</b>		

<b>L 810 D 796 H 2215</b>	
-6°+40°	-30°+40°
4,7	6,5
668	751

<b>L 810 D 1096 H 2215</b>	
-6°+40°	-30°+40°
4,7	6,5
668	965

<b>L 900 D 1138 H 2465</b>	
-6°+40°	-30°+40°
8,0	8,6
1336	1292

<b>L 960 D 1276 H 2465</b>	
-6°+40°	-30°+40°
8,0	8,6
1336	1292

<b>L 1450 D 800 H 950*</b>	
-6°+40°	
2,5	
565	

<b>L 2005 D 800 H 950*</b>	
-6°+40°	
2,5	
565	

20 pairs of stainless steel slides for shelves and EN60x40 trays  
Remote  
Special power supplies

20 pairs of stainless steel slides for shelves and EN60x80 trays  
Remote  
Special power supplies  
Two half doors

20 pairs of stainless steel slides for shelves and EN60x80 trays  
Remote  
Special power supplies

-  
Remote  
Special power supplies

14 pairs of stainless steel slides for shelves and EN60x40 trays  
Top without splashback  
Without top  
Special power supplies

21 pairs of stainless steel slides for shelves and EN60x40 trays  
Top without splashback  
Without top  
Special power supplies

\* body height 710 mm with top and splashback

**Coldline Srl** reserves the right to make changes to the products contained in this catalog at any time without prior notice.

**Coldline Srl**

Via Enrico Mattei, 38  
35038 Torreglia  
Padova - Italy

+39.049.9903830  
info@coldline.it

**[coldline.it](http://coldline.it)**