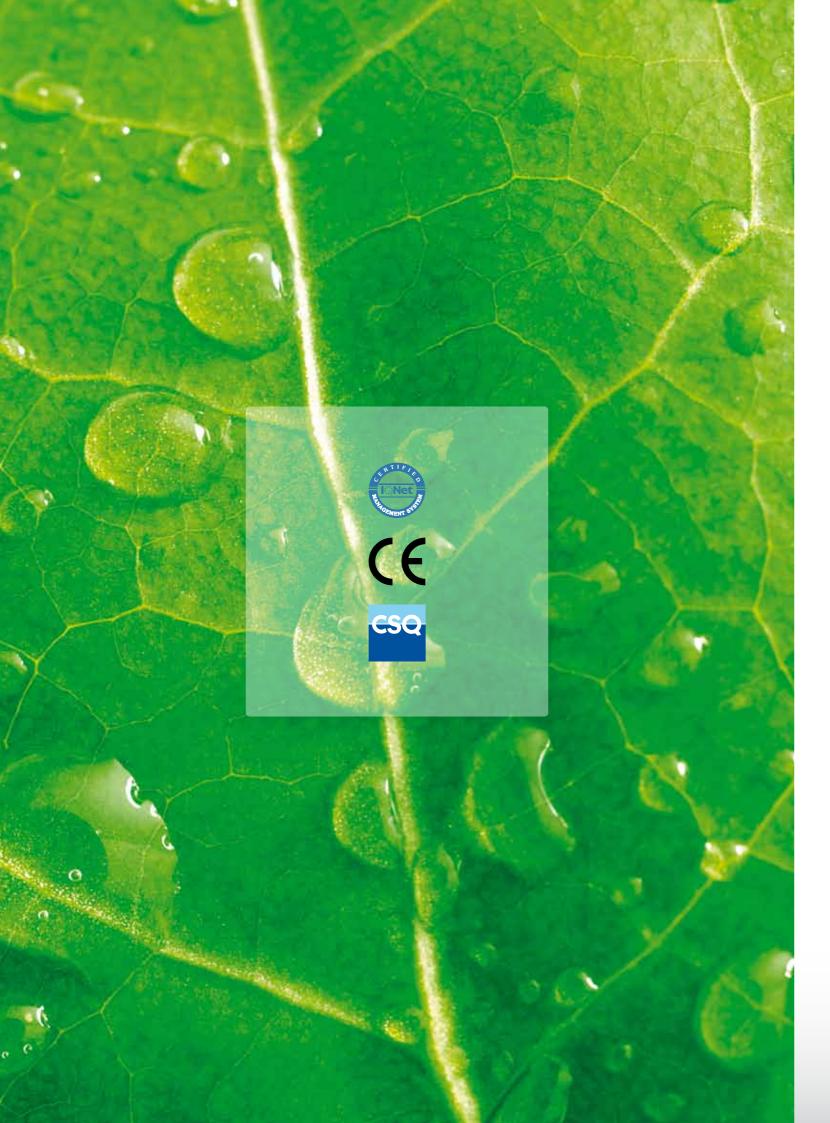
NATURALLY COLD







# MADE IN ITALY

Coldline works in one of the most productive areas in Europe, contributing daily to local economic and social development.

Choosing Coldline means to rely on professionalism, modernity and practicality. Each design is inspired by the principles of quality, energy saving and environmental protection by selecting low environmental impact materials, reducing the number of parts and using easily recyclable packaging.

Production efficiency is a priority, and this is why all processes take place within the company. The constant control of semi-finished products at different stages guarantees the quality of the finished product. To that end, all engineers spend about 10% of their time to check the work done by those who preceded them. Each unit is tested before delivery according to a strict internal protocol that certifies its quality.



# Experience, passion, dedication and team work are the values that inspire our everyday work.

These qualities are also essential in sailing, as crews can only rely on their ability to make the most of the thurst of the wind.

Coldline actively supports athletes competing in the Laser SB3 international class, professional circuit of the prestigious Volvo Cup, where the Coldline Racing team is contending for the record in spectacular, technologically advanced and competitive boat races.

## THE COLD IS HERE

Coldline provides a complete range of refrigerating appliances for use in the Catering, Pastry, Bakery, Pizzeria and Ice cream industry.

We have designed many different types of models, of varying sizes and temperature ranges, created specifically to meet your professional demands. Strong, reliable and efficient appliances to store, blast chill and deep-freeze your culinary delights.

Visit coldline.it or ask us with



Refrigeration cabinets, refrigerated counters and blast chillers for food preparation facilities in the catering and hospitality industry.

CATERING

Refrigeration cabinets, refrigerated counters and blast chillers for professional pastry and bread making.

**PASTRY** 

Retarder/prover cabinets and counters for professional pastry and bread making.

BAKERY

Freezer cabinets and blast chillers for traditional ice cream manufacturers.

Refrigerated counters and display counters for pizzerias ICE CREAM

PIZZERIA











# 304 STAINLESS STEEL

# No-compromise quality steel.

AISI 304 18/10 is a high quality steel. Its stability guarantees good-looking and durable products, ensuring maximum hygiene and corrosion resistance over time.

Always check that the products you purchase are labelled with this marking.





### **FAST SERVICE SYSTEM**

# The exclusive Coldline technology for a fast and affordable service.

Coldline made major investments in design research, becoming a leader in technology and innovation. Each cabinet marked with the FSS symbol is equipped with a refrigeration system independent of the structure, which provides improved flexibility and service.

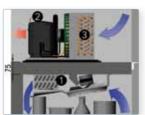
### EXTEND THE LIFE OF YOUR APPLIANCE

You can extend the life of a refrigeration cabinet by replacing its old refrigeration system with a new one.

### EASY SERVICE AND MAINTENANCE

Maintenance and service are simple, quick and do not require specialised personnel.

# Other systems



Coldline

EvaporatorCompressorCondensing unit

Compact evaporator inside the compartment.

Large evaporator and condensing unit.

Effective air circulation. Fast drop in temperature also during intensive use and frequent door opening.

75 mm thick evaporator insulation (coldest part).

The horizontal position of the evaporator ensures quick defrosting time without thermal shock providing lower energy consumption.

Optimal heat dissipation and compressor cooling. Long life of mechanical parts.



3 Condensing unity

Small evaporator and condensing unit for tight spaces.

Reduced air speed due to the winding course. Reduced refrigeration efficiency in case of intensive use.

Thin evaporator insulation (coldest part).

The upright position of the evaporator does not help fast defrost, energy consumption and the formation of frost.

Compressor is easily subject to overheating due to the confined space in which it is installed. The life of mechanical parts is reduced.



### PLUG-IN CABINET

### HIGH-EFFICIENCY COMPACT EVAPORATOR

The internal volume guarantees the greatest possible storage capacity thanks to the reduced overall height of the evaporator. The large exchange surface ensures a fast drop in temperature even in case of intensive use. The fast defrost prevents harmful temperature changes to guarantee perfect storage and lower consumption.

### PERFECTLY UNIFORM TEMPERATURE

Air circulation within the chamber is effective thanks to high-efficiency fans. The regular and calibrated flow ensures perfect uniformity of temperature on all shelves.

#### RELIABILITY OVER TIME

The large condensing unit guarantees effective heat dissipation. The wide room in the equipment compartment provides perfect compressor cooling, extending the life of mechanical parts.

### PLUG-IN COUNTER

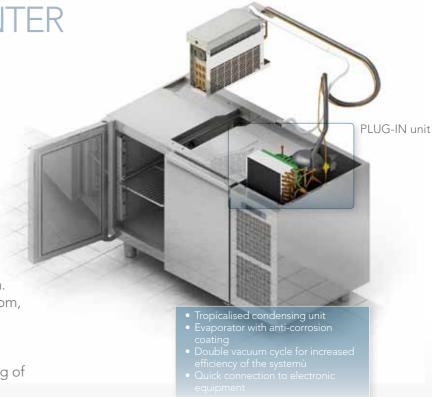
### HIGH REFRIGERATION EFFICIENCY

The evaporator inside the compartment ensures a quick drop in temperature even in case of intensive use or when drawers are full. The fast defrost prevents harmful temperature changes to guarantee perfect storage and lower consumption.

### **RELIABILITY OVER TIME**

ideal conditions.

The large condensing unit guarantees effective heat dissipation. The fresh air is sucked from the bottom, conveyed upwards and expelled from the upper grid. The large space in the equipment compartment ensures perfect cooling of the compressor which works under



# COLDLINE TECHNOLOGY

45% energy saving

LevTronic appliances use 45% less energy than traditional ones.



#### **INSULATION THICKNESS**

LevTronic cabinets have a 75 mm thick insulation, counters 60 mm. The high-thickness insulation ensures lower heat loss, reduced work during cooling and heating, therefore lower energy consumption.



#### NTELLIGENT DEFROST

Intelligent defrost changes according to the actual presence of frost. The system runs for the minimum time required.



#### **EVAPORATION SYSTEM**

The automatic evaporation of condensing water is activated only in the presence of water produced as a result of a defrost cycle or an automatic washing of the humidification system.



#### CONSTANT TEMPERATURE

The fans stop when the door is opened to reduce temperature changes and consequently reduce the work of the compressor and resistors.



#### ASPERA COMPRESSORS

Aspera compressors reduce energy consumption by 15% and acoustic impact by 5 dBA.





# PROVE IT, WHEN YOU NEED IT

Mixing bread, croissants, brioches, waiting for correct proving and baking, daily activities that affect your timetable. The LevTronic retarder/prover appliances help you save time. Cabinets, counters and roll-in, different capacities to meet the requirements of small and larger pastry and bakery laboratories.

### WHAT'S THE FORECAST?

Proving is a delicate process that decides the quality, fragrance and flavour of the finished product. Time, temperature and humidity can all affect results. As these change in cycles, with the seasons, you are then obliged to alter your doughs and mixtures in order to ensure you maintain your high quality.

### YOU SET THE STANDARD

A retarder/prover appliance creates an ideal microclimate able to prove pasta, croissants and cakes how, and when, you decide, whatever the weather. With repeatable temperature and humidity conditions, you can test new yeast cells and flour, verifying their actual result.

### **SUPERIOR QUALITY**

The 2 separate proving phases, and 10 progressive increases in temperature come together to extend the action of yeast cells. Aroma, fragrance and flavour will be exalted, to give an excellent end product.

### **BETTER ORGANISATION**

Plan when you need partial quantities of frozen product to rise, without running the risk of having no product left following unplanned requests. With LevTronic you can eliminate night work and reduce staff costs.

### EVERYTHING READY AND RIGHT ON TIME

Simply set the temperature, humidity level and time. The low temperatures used allows you to slow and block the fermenting of yeast cells, reactivating them later, in order to obtain the proven dough precisely when you need it.

### MORE EFFICIENT, LESS WASTE

Bring preparation of doughs forward and plan proving of partial quantities over the following days, on the basis of actual customer demand. As such, you can also reduce night working hours, avoid pointless waste, and have more time to devote to creating new delights.

### FREEZE AND LET IT RISE WHEN YOU NEED IT

By combining LevTronic with the use of a Coldline blast chiller, you can freeze your doughs, thereby extending storage times without affecting the form, consistency and organoleptic properties. You can plan your work, improve staff management and rationalise the purchase of raw materials.

# THE RETARDING PROVING CYCLE



### RETARDING

The dough is cooled quickly to maximum of -6°C. Fermentative growth of yeast cells is inhibited

### MAINTENANCE

Temperature is maintained below 3°C for the time calculated by the processor. Yeast cells remain inactive until recovery.

### RECOVERY

The temperature increases graduall up to 15°C. Fermentative growth of yeast cells is slowly recovered.

### **PROVING**

The temperature increases up to the final value set (20°÷35°C), dough fermentation is completed.

### HOLDING

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

The duration of each phase varies depending on the amount of product and the values set by the user. Temperatures shown in the above image are given purely as an example.

### %HR CONTROL

The active humidity control during proving stops the dough from drying out, and prevents superficial cracks from forming. The humidity level can be set from 60% to 95% depending on the percentage of water contained in the product.

The humidity control does not use resistors and boilers to produce vapour, and as such does not require difficult and frequent maintenance. Humidity is spread homogenously and delicately by the flow of air, guaranteeing a perfectly proven product, free from cracks.





### **HOW TO USE**

### You can use LevTronic in 3 DIFFERENT WAYS



Set retarding, maintenance and proving temperatures, select the humidity level and time when you want your dough to be proven, save the programme and off you go. You can save a specific programme for call it at the right time, planning it to start up to 7 days later.



Plan the necessary number of croissants and pastries the night before for the next day based on average consumption and your experience. But if you realize that the quantity is insufficient, you can add more product and it each type of product and will prove rapidly to meet products, maintaining unexpected demands.

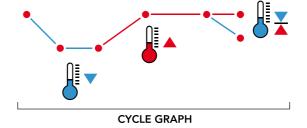


You can always count on the high power of the refrigeration system to rapidly retard the proving of your dough. The LevTronic cabinet in refrigerator mode can effectively store your raw materials, bases for cakes and semi-worked their hydration and quality.

- In AUTOMATIC CYCLE the length of one phase and the transition to the next is governed by the processor. Cycles can be repeated weekly, taking into account the day of the week on which the bakery is closed.
- In MANUAL MODE you decide which phase to start and how long it is to last. You can use LevTronic as a normal refrigerator, or as a simple prover.

### **ELIMINATE NIGHT WORK**

No longer need you be up at dawn to prepare the dough for it to rise before being cooked. Your croissants and semi-worked products will be all ready for baking before you reach the laboratory. You can enjoy hours more sleep, reduce your working times and staff costs.





### **GRAPHIC DISPLAY OF THE CYCLE**

The execution status of a cycle is always available through the led diagram, which immediately identifies the execution status of the machine.

### **TEMPERATURE, HUMIDITY AND TIME**

The control panel constantly displays the temperature, humidity level in the cell and the time remaining before the end of the cycle.

#### **HUMIDITY**

The sensor constantly measures the humidity level in the chamber and adjusts it automatically according to your settings. The electronic humidity control is essential for proper proving. It stops the product from drying out during the hot phase, which could otherwise cause superficial cracking. The system does not use resistors or boilers to produce vapour, and as such does not require difficult and frequent maintenance.

### **ADJUSTABLE PROVING TIME**

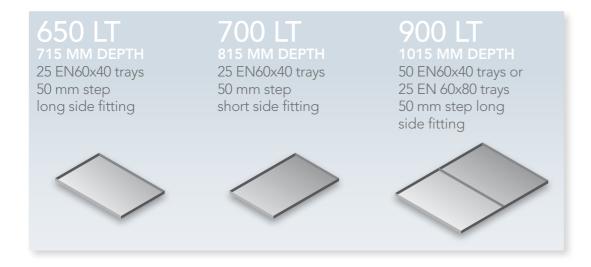
The quality of the finished product depends on proving time. Slow and gradual proving always produces excellent results. With LevTronic can slow down recovery and proving phases by dividing them into three stages each.

# Retard, store, prove

Intense and constant cold to retard the action of yeast, slow and progressive heat to prove the dough, controlled humidity, smooth and balanced airflow. 3 models, 70, 80 and 100 cm deep, accommodating from 25 to 50 60x40 trays. Temperature range -6°+35°C, humidity can be set from 60% to 95%. Choose the version that best suits your needs.



A delicate cold, slow and progressive humidity-controlled proving, you can sleep soundly with the LevTronic technology. In the morning you will find your perfectly proven croissant ready for baking. Temperature range -6°+35°C, RH% 60%-95%.



### STYLISH AND CAREFUL DESIGN

The elegant design with rounded external corners, the easy and intuitive control panel with flush keypad and the high attention to finishes give LevTronic cabinets a solid but refined look.



### **CONTROLLED AIR FLOW**

The differentiated air flow ensures maximum temperature uniformity on all the shelves, without affecting the hydration and quality of the original product and preventing superficial cracking. The quality you were searching for!

### **QUALITY THAT MAKES** THE DIFFERENCE

The single unit structure, with 75 mm insulation, is made of first-quality AISI 304 stainless steel. The stainless steel handle is 2 mm thick, the compressor features high efficiency and low power consumption.

### **Features**

- CFC/HCFC FREE 75 mm thick
- 2 mm thick stainless steel handle
- Reversible self-closing doors with

- Drain plug on the bottom
- Ventilated refrigeration
- AISI 304 stainless steel slides and racks removable without tools for
- Automatic temperature and humidity

- Automatic defrost

- Electronic control panel

### Optional











### Technical solutions









Control panel with flush keypad.

# The range

650 LT EN60x40 trays

© coldina

700 LT EN60x40 trays



900 LT EN60x80 trays



Size (mm)

Model

Maximum power

Maximum absorption

Cooling capacity

Voltage

Versions

L 810 D 715 H 2200	L 740 D 815 H 2200	L 810 D 1015 H 2200
-6°+35°C - HR60%÷95%	-6°+35°C - HR60%÷95%	-6°+35°C - HR60%÷95%
1,95kW	1,95kW	1,95kW
11.7A	11.7A	11.7A
668W*	668W*	668W*
230V 50Hz	230V 50Hz	230V 50Hz
Double doors	Double doors	Double doors

Standard accessories: 20 pairs of stainless steel slides

\*Evap -10°C cond. 54,4°C

### **VACUUM ON 2 POINTS**

The vacuum phase of the refrigeration circuit is crucial to eliminate impurities or moisture, which reduce refrigeration capacity and increase energy consumption. Coldline performs a double vacuum phase on two points of the circuit to obtain perfect efficiency.

### **QUICK CONNECTORS**

The thermostat is equipped with quick release connectors, it can be removed and replaced easily.





**INSULATION** 75 mm thick insulation CFC/HCFC FREE.



105° DOOR STOP AND LOCK Key lock. 105° door stop to facilitate loading operations.



**GASKETS** Easily replaceable magnetic gaskets.



**RACKS** Stainless steel racks removable without tools for easy cleaning.

STAINLESS STEEL SLIDES

AISI 304 stainless steel "L" slides.



STAINLESS STEEL LEGS 100/150 mm height adjustable



WATER DRAIN PLUG Drain plug on the bottom for easy cleaning of the internal compartment.



**EVAPORATION** Automatic condensation evaporation. The system is activated only in the presence of water.

**CONDENSATION** 



**COATED EVAPORATOR** Evaporator coated against corrosion to guarantee reliability and long life. (VERTICAL EVAPORATOR CLIMA VERSION).



TROPICALISED UNIT Condensing unit for operation up to +43°C ambient. Low-noise Aspera compressors.



STAINLESS STEEL CASTORS (OPTIONAL) Stainless steel castors with brake Ø100 mm - H137 mm.



Refrigeration in motion

A rational, efficient work system with a practical pan-carrying trolley. The perfect way to organise your pastry and bread laboratory. You can prove the product immediately, or plan for later rising. 2 models, respectively for 60x40 and 60x80 pan-carrying trolleys.



Space is of fundamental importance in any pastry and bread laboratory.

Temperature range -6°+35°C, RH% 60%-95%.

The smallest of its type, with a depth of 815 mm to ensure perfect organisation of work even where space is limited.

Larger size with 1015 mm depth to use 60x40 standard or 60x80 compact trolleys.

### STAINLESS STEEL COVERED BASE

The base covered in AISI 304 stainless steel ensures maximum hygiene and

### **CONSTRUCTION QUALITY**

AISI 304 stainless steel, 75 mm insulation, rounded external and internal corners for easy cleaning, ergonomic handle with lock, automatic condensation evaporation and lighting provided as standard on all versions.

### QUICK AND PRACTICAL

The correct movement of trays and trays is extremely important in a well-organised pastry and bakery laboratory. RollTronic guarantees a rational, efficient work, with no time wasting. The stainless steel pan-carrying trolley (optional), streamlines the preparation providing easy and quick handling.

### **BLAST-CHILLING AND PROVING**

By using a blast chiller, you can bring the preparation forward and produce greater quantities of dough ready for freezing. You can prove partial quantities over the following days, on the basis of actual customer demand, thereby reducing the risk of over-production and inevitable product waste.



### Features

- CFC/HCFC FREE 75 mm
- Rounded internal and
- 2 mm thick stainless steel handle

- Base covered in AISI 304 stainless
- Indirect air flow
- Evaporator with anti-corrosion coating

- HACCP compliant
- Electronic control panel
- Temperature, humidity and time

- Optional

















# The range



### **VACUUM ON 2 POINTS**

The vacuum phase of the refrigeration circuit is crucial to eliminate impurities or moisture, which reduce refrigeration capacity and increase energy consumption. Coldline performs a double vacuum phase on two points of the circuit to obtain perfect efficiency.

### **QUICK CONNECTORS**

The thermostat is equipped with quick release connectors, it can be removed and replaced easily.





**DESIGN** The unobtrusive, pleasant design is perfect for any work environment.



**INSULATION** 75 mm thick insulation CFC-HCFC FREE.



**INTERNAL** REINFORCEMENTS Side reinforcements to protect the trolley.



STAINLESS STEEL BASE Base covered in AISI 304 stainless steel to maximise hygiene and facilitate cleaning.



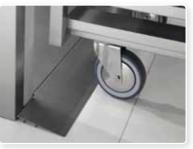
105° DOOR STOP AND LOCK Key lock. 105° door stop to facilitate loading operations.



**EN60X40 TROLLEY** (OPTIONAL) AISI 304 stainless steel trolley.



**GASKETS** Easily replaceable magnetic gaskets.



STAINLESS STEEL RAMP Stainless steel ramp for easy access of the trolley.



**CONDENSATION EVAPORATION** Automatic condensation evaporation. The system is activated only in the presence of water.





# **BAKERY COUNTERS**

Precise management of dough proving. LevTronic will change the way you organise you pastry/bakery forever eliminating night work.

### STRONG AND **DURABLE WORKTOP**

A large, strong and durable worktop will allow you worry-free working of raw materials. The top has a radiussed front and rear edge. The upstand is closed at the rear to prevent dirt accumulation.

### **CONTROLLED AIR FLOW**

The innovative dual air circulation system ensures maximum cooling efficiency and optimum temperature distribution even at full load.

### **SOUND-PROOFED EQUIPMENT COMPARTMENT**

The equipment compartment is an integral part of the unit, insulated with thick insulation layers for maximum soundproofing.

### PERFECT CLIMATE

The sensors constantly measure temperature and humidity regulating cooling, heating and ventilation for perfect temperature uniformity and an optimal humidity level to store and have perfectly-risen bread, brioches, croissants.

### **GREAT STORAGE CAPACITY**

The internal volume is used to guarantee the greatest possible storage capacity. 7 60x40 trays per door with 50 mm step.

### TECHNICAL COMPARTMENT TO THE RIGHT OR LEFT

Choose whether you prefer the technical compartment to the right or left, with no price increase. The refrigeration system will always be kept a suitable distance from heat sources, with benefits in terms of efficiency and energy-saving.

### Features

- AISI 304 stainless steel external back
- CFC/HCFC FREE 60 mm thick
- Rounded internal and

- Pairs of stainless steel "L" slides

- AISI 304 stainless steel exterior/interior Adjustable stainless steel legs 100/150 mm height
  - Drain plug on the bottom
  - Ventilated refrigeration
  - Indirect air flow

- Automatic defrost
- HACCP compliant

- Optional
- Stainless steel castors











### Technical solutions



Radiussed front edge and stainless steel ergonomic handle.



Radiussed rear edge.



Upstand closed at the rear to prevent dirt accumulation.

# PASTRY COUNTERS 800 DEPTH

# The range

2P EN60x40 trays



**3P** EN60x40 trays



Size (mm)	L 1450 D 800 H 950*	L 2005 <b>D</b> 800 <b>H</b> 950*
Model	T -6°+35°C – HR60%÷95%	T -6°+35°C – HR60%÷95%
Maximum power	1.95kW	1.95kW
Maximum absorptwion	11,7A	11,7A
Cooling capacity	668W**	668W**
Voltage	230V 50Hz	230V 50Hz
Versions	Top without splashback • Without top	Top without splashback • Without top
	Standard accessories: 4 pairs off stainless steel slides per door	* With top and splashback / **Evap -10°C cond 54.4°C

\* With top and splashback / \*\*Evap -10°C cond. 54,4°C

# LEVTRONIC COUNTERS

### **VACUUM ON 2 POINTS**

The vacuum phase of the refrigeration circuit is crucial to eliminate impurities or moisture, which reduce refrigeration capacity and increase energy consumption. Coldline performs a double vacuum phase on two points of the circuit to obtain perfect efficiency.

### **QUICK CONNECTORS**

The thermostat is equipped with quick release connectors, it can be removed and replaced easily.

### **MODULAR DESIGN**

By combining LevTronic with the use of a Coldline blast chiller, you can freeze your doughs, thereby extending storage times without affecting the form, consistency and organoleptic properties. Plan when you need partial quantities of dough to rise in the next few days, without running the risk of having no product left following unplanned requests.



### **DESIGN**

Simple and elegant design with easy-to-access control panel.



### **INDIRECT AIR FLOW**

Indirect airflow for maximum temperature uniformity even in models with drawers.



#### **INSULATION**

60 mm thick insulation CFC/HCFC FREE.



### PULL-OUT UNIT

The refrigeration unit can be pulled out frontally for easy cleaning and maintenance.
Sound-proofed motor compartment.



### **GASKETS**

Easily replaceable magnetic gaskets.



### **RADIUSSED EDGES**

Radiussed front and rear edge. Upstand closed at the rear to prevent dirt accumulation.



#### **SLIDES AND RACKS**

For easy cleaning, slides and racks can be removed with no need for tools.



### STAINLESS STEEL CASTORS (OPTIONAL)

Stainless steel castors with brake 100 mm - H137 mm.



### STAINLESS STEEL LEGS

100/150 mm height adjustable stainless steel legs.



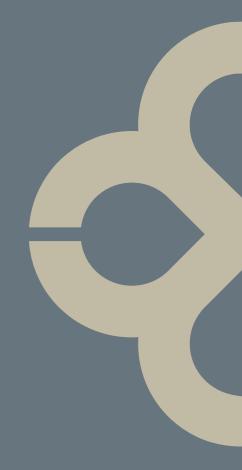
### DRAIN INSPECTION

The drain can be inspected for cleaning.





Zero compromise on quality, one passion: cold!



Coldline Srl Via Roma, 324 35030 Montemerlo di Cervarese Santa Croce Padova - Italy

Fax +39 049.9903738 www.coldline.it info@coldline.it



