

Top class efficiency and high performance

ecostore Refrigerated Cabinets



You talk...

Help my business reduce running costs and stop us having to throw away so much food because it's no longer fresh enough to serve. We need to ensure our food is safe but also reduction in energy consumption and the best food quality! Maximum hygiene and cleanability at the same time. The kitchen staff ask me unbeatable sturdiness and more stocking capacity!



...we listen

We have always considered customer insight first, introducing innovative technological solutions throughout the years, with dedication to reducing energy consumption and sustainability. We were the first to eliminate hazardous refrigerant gases from our appliances, develop smart electronics for total control, implement 75 mm or 90 mm thick insulation. The first cabinets with an incorporated handle were our invention.



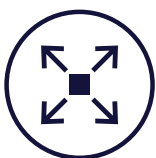
Efficiency

Use up to **80%** less energy than standard cabinets.



Performance

The perfect solution for the **best preservation** of your food.



Capacity

On average, **50 liters more available space**, compared to equivalent cabinets in the market. **Best-in-Class!**



Hygiene

Hygiene and cleanability are no longer a concern.

The customer always comes first



- ▶ **80% total savings**
Electrolux Professional **ecostore^{HP} Class A** Cabinets use up to 80% less energy* than standard cabinets.
The label complies with the delegated regulation (UE) 2015/1094 of the commission of 5th may 2015.



- ▶ **Wire-frame condenser**
Clean-free to guarantee high performances at all times.



- ▶ **Advanced digital display**
Large white digital display, clearly visible at a distance.



- ▶ **OptiFlow**
Vertical and horizontal air circulation for **optimal temperature uniformity**.



- ▶ **Innovative air conveyors** provide excellent and fast **air distribution** and are **fully removable** to facilitate cleaning.



- **Rounded corners and removable stainless steel runners and supports** facilitate cleaning of internal chamber.



- **Maximum stability and flexibility**
Can be mounted on stainless steel feet, swivelling wheels, concrete plinth or marine feet





■ **High efficiency components**

Low energy compressors, high surface evaporator and high efficiency fans.



■ **Hidden evaporator**

for maximum internal capacity.



▶ **Internal LED light**

The lowest energy consumption (internal neon light on glass door models).



■ **IPX5 water protection**

Full frontal water-proof design.



■ **75mm or 90mm** (for HP models) **insulated walls** and the improved gasket design assure **low energy consumption**.



■ **Removable** wide "balloon" profiled **gasket**, with triple insulation area, provides an **excellent seal** thus **reducing heat dispersion**.



■ Standard feature on all models

▶ Included feature on selected models

Low energy consumption...



Electrolux Professional's ecostore refrigerators, available in class A, are compatible with the requirements of top classes for the first mandatory Europe-wide energy labelling for professional refrigerators and freezers.

80% total savings

Electrolux Professional ecostore^{HP} Refrigerated Cabinets use up to 80% less energy* than standard cabinets thanks to the perfect combination of various innovative features:

- ▶ **OptiFlow**, the intelligent air circulation system which adapts to your load for the best cooling results and temperature uniformity.
- ▶ **75mm or 90mm thick cyclopentane insulation** of the Cabinet, 60mm thick insulation of the cooling unit and the unique design of the 3-chamber "balloon" profiled magnetic door gasket which provides triple insulation therefore reducing condensation and minimizing energy loss.
- ▶ **Highly efficient components:** low energy compressors, high surface evaporator and high efficiency fans.
- ▶ **R290 natural refrigerant gas** (Hydrocarbon) is more energy efficient than other refrigerants and reduces energy consumption by approximately 12% - thus reducing the effect on global warming. R290 is a less corrosive refrigerant gas which extends the life of the compressor and reduces maintenance costs.
- ▶ **CO₂ remote versions**
CO₂ is a natural refrigerant, safe for the environment. It is non-flammable, non-toxic and 20% more energy efficient**, with a heat exchange 5 times higher** than a standard HFC system. CO₂ is climate friendly, has no Ozone Depletion Potential and its Global Warming Potential is one.

HFC, HCFC & CFC free Cyclopentane foaming

Electrolux Professional Refrigerators and Freezers are foamed with cyclopentane, a hydrocarbon (HC) gas that does not damage the ozone layer, prevents the greenhouse warming effect and assures better performance.

(After 42 days from production, traditional foam becomes 18% less efficient than cyclopentane foaming).

Cut your electricity bill by 80%* with ecostore refrigerators in class A.

ENERGIA - EHEPFIH
ENERGIA - ENERGIA
ENERGY - ENERGIE - ENERGI

* Potential savings based on European Ecodesign directive data and obtained by comparing Class G refrigerators and freezers with equivalent Class A cabinets.

The label complies with the delegated regulation (UE) 2015/1094 of the commission of 5th may 2015.

Energy efficiency class

A	B	C	D	E	F	G
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**comparison based on a cooling circuit using HFC R404A, among the best refrigerants used in refrigeration. Specific remote models available on request.

...and the highest efficiency

Maximum reduction in energy consumption and the best food quality!

Frost Watch Control

The advanced electronics in **ecostore Premium** models automatically calculate when the defrost cycles should be activated. An intelligent algorithm calculates when defrosting is necessary according to the set times and how often the door is opened. Less door openings result in fewer defrost cycles and greater energy savings.

Eco defrost

Improved defrost and evaporator fan management for up to 15% in energy savings. The defrost type changes based on the temperature set point:

- ▶ below +2 °C uses electric defrost
- ▶ above +2 °C uses air convection defrost

Automatic evaporation defrost water

Obtained from hot gas coming from the compressor rather than from heating elements, resulting in less energy consumption (remote models excluded).



OptiFlow

The intelligent air circulation system which adapts to your load for the best cooling results and temperature uniformity.

What is OptiFlow?



OptiFlow assures air passes between the shelves as well as over the stored items, resulting in optimal temperature uniformity and increased savings in energy consumption.

How?

In standard cabinets, powerful fans are needed in order to move the air throughout the internal cabinet thus consuming a large amount of energy. The more resistance in the air's path, the more energy is consumed.

In the **ecostore** Refrigerated Cabinets*, the shape of the condenser has been developed to minimize resistance in the passage of the air, reducing its depth, thus guaranteeing the best cooling results.



Temperature uniformity

- ▶ A combination of vertical and horizontal air circulation for optimal temperature uniformity.
- ▶ Improved air flow thanks to the flat front and back surfaces.
- ▶ New removable air conveyors guarantee excellent and fast air distribution.
- ▶ Efficient operation is assured even when shelves are fully loaded.

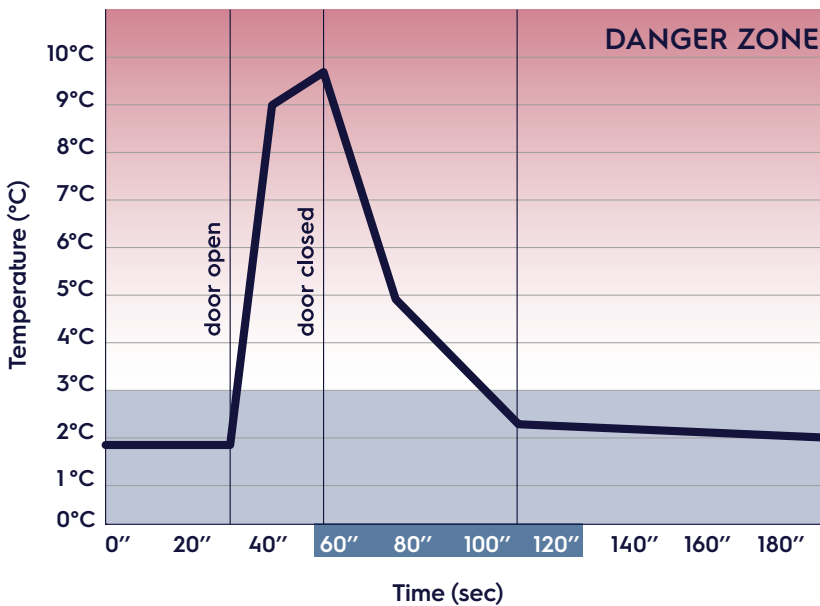


Best-in-class performance



The high quality of your food will not be compromised! Electrolux Professional Refrigerators are the perfect solution for the best preservation of your food.

In **less than 60 seconds** after closing the door, the temperature of the **ecostore Refrigerated Cabinet** (set at +2°C) will return to the safe zone (+3°C).



Food preservation

Maintaining a high quality of food is not a simple matter, especially in professional kitchens where the doors of the refrigerators are opened and closed repeatedly during the day, causing temperature variations (the main cause of bad preservation of fresh food). Electrolux Professional Refrigerators guarantee high performance in food maintenance thanks to their ability to rapidly return to a safe temperature, keeping it out of the danger zone (even with frequent door openings and a high ambient temperature).



Do you notice the difference?

Between vibrant colored food preserved in a new Electrolux Professional **ecostore** Refrigerated Cabinet..

... or discolored stale food preserved in a standard refrigerated cabinet

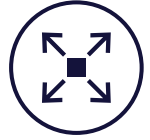


Which do you prefer?

Slow temperature recovery and bad humidity control are the main causes in the loss of organoleptic properties and food texture.

This is an example of the appearance of food after conservation in two different refrigerators, a new Electrolux Professional **ecostore** Refrigerated Cabinet versus a standard refrigerated cabinet

Unbeatable sturdiness and stocking capacity!



Thanks to their new design, the Electrolux Professional ecostore Refrigerated Cabinets provide, on average, **50 liters** more available space, compared to equivalent cabinets in the market

Maximum storage in a compact footprint

- ▶ maximum net capacity in 0,58m².
- ▶ 50 liters more available space.
- ▶ Increased available space minimizes running costs per liter.
- ▶ Maximum internal space is recovered, thanks to the hidden evaporator and the new component layout.
- ▶ 44 grid level positions available for increased loading capacity (can support 40 kg per grid).
- ▶ Suitable for GN 2/1 containers and pastry trays 600x400 mm (with an optional accessory).

Exceptional sturdiness

- ▶ Internal and external full AISI 304 stainless steel construction (on selected models).
- ▶ Stainless steel feet for maximum stability.
- ▶ Runners and supports in stainless steel.
- ▶ 90 mm insulated chamber for the best performance.
- ▶ Rigorous quality tests performed to guarantee long life:

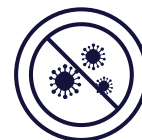
Cabinets are pulled fully loaded in order to test the strength and resistance of the feet

Specific tests performed on the door (opening/closing) to verify its durability and the seal of the gasket

Transportation tests guarantee the resistance of the packaging in order to avoid damaging cabinets during transport



Maximum hygiene and cleanability



With the new Electrolux Professional ecostore Refrigerated Cabinets, hygiene and cleanability are no longer a concern.



Removable air conveyors*



Removable runners, support and grids

Fully removable internal components

Air conveyors, runners, supports and grids are removable without tools for more convenient cleaning operations.



Removable magnetic door gaskets



Clean-free condenser

Hygiene and cleanability

- ▶ Easily removable “balloon” profiled magnetic door gasket
- ▶ Clean-free wire frame condenser (WFC) guarantees high performances at all times (on selected models).



Stainless steel door handle



Frontal access to components

- ▶ Door handle entirely in stainless steel, without joints, avoids dust and dirt collection.
- ▶ Self-standing front panel for easy access to internal components.
- ▶ Inner cell with rounded corners.
- ▶ Water-safe front panel (IPX5 protection) allows fast cleaning of the external surfaces.
- ▶ Bottom panel in non-corrosive material resistant to aggressive detergents and water jets.
- ▶ Bottom panel made of a single, pressed sheet with minimal joints between side and bottom panels. (less than 0,5mm).



Inner cell with rounded corners



IPX5 water protection

ecostore Premium

The generation of digital electronics in Refrigerated Cabinets.



Large white digital display

clearly visible at a distance.

Frost Watch Control

Intelligent defrost for energy savings. Advanced electronics automatically calculate when the defrost cycles should be activated thus resulting in fewer defrost cycles and greater energy savings.

3 probes

for continuous check of external temperature, internal temperature and condenser operation.



Visible alarm status

Should there be an alarm, the LED light will turn "red", the alarm code will appear on the display and an audible alarm will sound. The audible alarm will continue until it is manually turned off by the operator by a simple "press" on the alarm icon. The light will turn off only after the malfunction has been resolved.



Humidity control
Manually set 3 different levels of humidity (LOW, MEDIUM, HIGH) within the chamber according to your needs.



History button
The temperature of the internal cavity is measured every 24 hours from the start-up time. The registered temperatures are stored for up to 2 months and can be visualized if needed.



Program and set buttons
Used to store and set desired operating parameters.




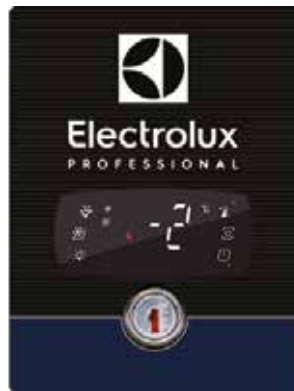
Turbo Cooling
Useful when there are frequent changes in the types of food loaded. The compressor will remain in constant operation regardless of the set temperature.



Manual defrost button
Should extra defrost cycles eventually be necessary.

ecostore

Simple and easy to use digital control.
Constantly track parameters at a touch of a button!



Download **Electrolux Professional Essentia Refrigeration App** to constantly track the HACCP data and serviceability.



Big and white digits for a perfect visibility

Buttons



Manual Defrost Cycle



Set point/
Up arrow



Turbo Cooling



Program



Internal light
(when available)



On-Off /
Down arrow

Alerts



Activated Compressor



Activated Evaporator Fan



Alert signaling icon

A complete range

ecostore^{HP} Premium

ecostore^{HP}



1 full door



1 full door

Gross capacity - lt	670	670
Advanced digital display	●	●
Internal light	LED	LED
Operating temperature at 43 °C	-2/+10 °C or -15/-22 °C	-2/+10 °C or -15/-22 °C
Refrigerant	R290	R290
Cyclopentane insulation	x	x
Defrost type	Frost Watch Control	Automatic
External and internal panels in AISI	304	304
External dimensions - mm (wxdxh)	740x885 x2080	740x860 x2080
Energy class	A (Refrigerated) or C (Freezer)	B (Refrigerated) or C (Freezer)

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1 glass door



2 glass doors

Gross capacity - lt	670	1430
Advanced digital display	●	●
Internal light	LED	LED
Operating temperature at 43 °C	+2/+10 °C or -15/-20 °C	+2/+10 °C or -15/-20 °C
Dual temp. operation at 43 °C	n.a.	n.a.
Remote cooling unit	n.a.	n.a.
Refrigerant	R290	R290
Cyclopentane insulation	●	●
Defrost type	Frost Watch Control	Frost Watch Control
External and internal panels in AISI	304	304
External dimensions - mm (wxdxh)	710x837 x2050	1441x837 x2050

ecostore Premium



1 full door



2 full doors



2 - 1/2 doors



1 full door & 2 - 1/2 doors



4 - 1/2 doors

Gross capacity - lt	670	1430	670	1430	1430
Advanced digital display	●	●	●	●	●
Internal light	LED	LED	LED	LED	LED
Operating temperature at 43 °C	-2/+10 °C or -15/-22 °C	-2/+10 °C or -15/-22 °C	-2/+10 °C or -15/-22 °C	n.a.	-2/+10 °C or -15/-22 °C
Dual temp. operation at 43 °C	n.a.	-2/-2 °C or -2/-22 °C	-2/-2 °C or -2/-22 °C	-2/-22 °C or -2/-6 °C (Fish)	n.a.
Remote cooling unit	●	●	●	n.a.	n.a.
Refrigerant	R290	R290	R290	R290	R290
Cyclopentane insulation	●	●	●	●	●
Defrost type	Frost Watch Control	Frost Watch Control	Frost Watch Control	Frost Watch Control	Frost Watch Control
External and internal panels in AISI	304	304	304	304	304
External dimensions - mm (wxdxh)	710x837 x2050	1441x837 x2050	710x837 x2050	1441x837 x2050	1441x837 x2050

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1 full door



2 full doors



2 - ½ doors

Gross capacity - lt	670	670	1430	1430	670	670
Digital display	●	●	●	●	●	●
Internal light	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Operating temperature at 43 °C	-2/+10 °C or -15/-22 °C	0/+6 °C, -2/+10 °C or -15/-22 °C	-2/+10 °C or -15/-22 °C	0/+6 °C, -2/+10 °C or -15/-22 °C	-2/+10 °C or -15/-22 °C	n.a.
Dual temp. operation at 43 °C	n.a.	n.a.	-2/-2 °C or -2/-22 °C	n.a.	-2/-2 °C or -2/-22 °C	n.a.
Remote cooling unit	●	n.a.	●	●	n.a.	n.a.
Refrigerant*	R290	R290	R290	R290	R290	R290
Cyclopentane insulation	●	●	●	●	●	●
Defrost type	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
External and internal panels in AISI	304	430	304	430	304	430
60Hz version	●	●	●	●	●	●
External dimensions - mm (wxdxh)	710x837 x2050	710x837 x2050	1441x837 x2050	1441x837 x2050	710x837 x2050	710x837 x2050

ecostore



1 full door &
2 - ½ doors



4 - ½ doors



1 glass door



2 glass doors

Gross capacity - lt	1430	1430	670	670	1430	1430
Digital display	●	●	●	●	●	●
Internal light	n.a.	n.a.	LED	LED	LED	LED
Operating temperature at 43 °C	n.a.	-2/+10 °C or -15/-22 °C	+2/+10 °C or -15/-20 °C (at 32 °C)	+2/+10 °C (at 32 °C)	+2/+10 °C or -15/-20 °C (at 32 °C)	+2/+10 °C (at 32 °C)
Dual temp. operation at 43 °C	-2/-6 °C (Fish)	n.a.	n.a.	n.a.	n.a.	n.a.
Remote cooling unit	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Refrigerant*	R290	R290	R290	R290	R290	R290
Cyclopentane insulation	●	●	●	●	●	●
Defrost type	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
External and internal panels in AISI	304	304	304	430	304	430
Version with UK plug and wheels	n.a.	n.a.	●	●	●	●
60Hz version	n.a.	n.a.	●	●	●	●
External dimensions - mm (wxdxh)	1441x837 x2050	1441x837 x2050	710x837 x2050	710x837 x2050	1441x837 x2050	1441x837 x2050

● Standard
n.a. Not available

* for other gas versions please contact your local sales representative



Essentia Teamed to serve you. Anytime, anywhere

Essentia is **the heart of superior Customer Care**, a dedicated service that ensures your competitive advantage. Provides you with the support you need and takes care of your processes with a **reliable service network**, a range of tailor-made exclusive services and innovative technology.

You can count on more than **2,200 authorized service partners**, **10,000 service engineers** in more than **149 countries**, and over **170,000 managed spare parts**.

Service network, always available

We stand ready and committed to support you with a **unique service network** that makes **your work-life easier**.

Service agreements, you can trust

You can choose from **flexible tailor-made service packages**, according to your business needs, offering a variety of maintenance and support services.

Keep your equipment performing

Undertaking correct maintenance in **accordance with Electrolux Professional Manuals** and recommendations is essential to avoid unexpected issues. **Electrolux Professional Customer Care** offers a number of **tailor-made service packages**. For more information contact your preferred Electrolux Professional **Authorized Service Partner**.





Notes

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A series of 25 horizontal dotted lines spanning the width of the page, providing a template for handwriting practice.



Excellence is central to everything we do.
By anticipating our customers' needs, we strive for
Excellence with our people, innovations, solutions and services.
To be the OnE making our customers' work-life easier,
more profitable – and truly sustainable every day.

Follow us on



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Excellence with the environment in mind

- ▶ All our factories are ISO 14001-certified
- ▶ All our solutions are designed for low consumption of water, energy, detergents and harmful emissions
- ▶ In recent years over 70% of our product features have been updated with the environmental needs of our customers in mind
- ▶ Our technology is RoHS and REACH compliant and over 95% recyclable
- ▶ Our products are 100% quality tested by experts

