

MIRROR

HORIZONTAL SHOWCASES



CIAM

Refrigeration solutions
with a design focus.



Atelier Damiano Carrara - Lucca (Italy)

Composition with central module L2350mm and terminal modules. Pastry/Chocolate version External and internal finishing in electroplated steel "Rose Gold" finishing.

MIRROR

A refined and elegant island.

Mirror is a refined and elegant display table that through self-reflection tries to dematerialize itself in order to enhance the displayed product as if it were a real precious jewel. Mirror is entirely covered with mirror and back-painted glass panels. A new and contemporary way to conceive the counter, free-standing at the center of the room.



Watch the video



Mirror is available in refrigerated version with cold application for pastry and chocolate (+4° or +14°) or frozen application (-18°) for semifreddo or single-portion cakes. There are 3 linear modules: 1350mm, 1850mm, 2350mm; to complete the range there is also a 920mm ending element.



Cold deli products

Sandwich

Cheese and dairy products

Cured meats

Yogurt

Sushi



Frozen pastry

Frozen food products

A modular project composed by linear, central elements and "head" elements





Total transparency

Customisation of materials and finishes

Refrigerated table

Mirror is an elegant refrigerated display table, to be placed in the middle of the room.

Customisation of materials and finishes

Mirror showcases have a wide choice of customizable finishes and materials (mirror, gres, acrylic, epoxy powder coated steel or electroplated steel), in addition to the standard polished steel finish.

Channelling

Mirror showcases can be channeled in aesthetic continuity.

Ending module

The free-standing positioning of Mirror is completed by the cantilevered ending module.

Exclusive display area

Thanks to its design and ergonomic proportions, Mirror gives us an extraordinary visibility of the displayed product.





Patented automatic opening and closing system

Automatic is Better!

By touching the button, the upper glass automatically slides upwards allowing the operator access to the refrigerated compartment. After that, by touching the button again, the upper glass automatically returns to the original closed position, in complete safety (patented system).

Heated glasses

All glasses are laminated, heated, with black screen printing. On request it is possible to customize the color of the screen printing (Opt).

Lighting

The perfect illumination of Mirror is ensured by the bright aluminum micro-lamps integrated into the top of the glass gantry with 3000°K diffused LED lighting. With the innovative **Yris** optional feature, it is possible to adjust the showcase lighting via an app.

Heated glasses





Flush display area

Refrigeration

Ventilated refrigeration

Mirror showcases are equipped with a high-efficiency ventilated refrigeration system that does not deteriorate the displayed product.

Humidity Control

Upon request, it is possible to equip Mirror showcases with humidity control, especially for chocolate versions, in order to ensure the best preservation conditions.

Remote condensing unit only

The particular conformation of Mirror only allows for refrigerator connection with a remote condensing unit only.

Automatic electric defrosting

The cold applications showcases feature electric defrosting, which increases the performance of the display case by speeding up defrosting times and preventing the formation of ice.

Automatic reverse-cycle defrosting

The programmed defrosting of the frozen applications showcases are ultra-fast with cycle inversion, while the condensing units are semi-hermetic and well sized to ensure proper operation in all temperature conditions.

Pastry/chocolate showcase

On request it is possible to equip Mirror showcases with both pastry and chocolate application (Opt).

Fresh pastry/frozen pastry version

On request it is possible to equip Mirror showcases with both fresh pastry and frozen pastry application (Opt).

Electronic thermostatic valve

It is possible to install the electronic thermostatic valve on request, especially in the case of connection to a cooling system (Opt).

Fresh pastry/frozen pastry version



Pastry/chocolate version





Ciam Connect System

Electronics

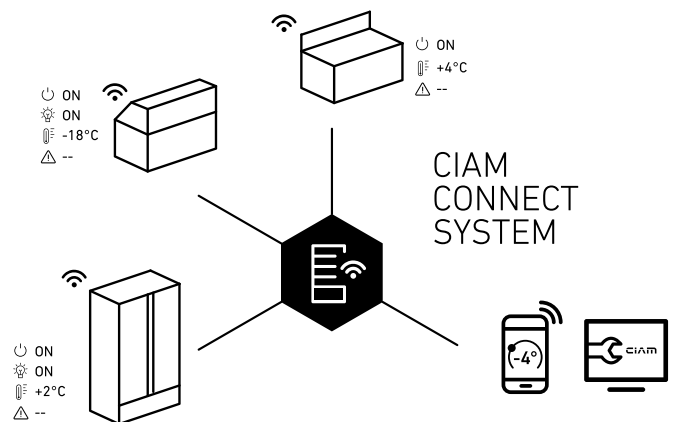


CIAM CONNECT

Ciam Connect is the integrated solution for remotely monitoring and managing all functions of CIAM products.

All features can be activated and monitored from a simple smartphone, tablet, or PC.

It is also possible to integrate the solution directly into your company's management system.



Connectivity

This SIM data communication device allows remote control of the showcase without having to connect it to Wi-Fi or the local internet network.



Remote control

Through the Cloud portal you can interact with the showcase, by downloading the operating graphics, monitoring alarms and product performance directly online.



Digital control panel



Electric components box

Electric components box

The electrical system is enclosed in a special hermetic box with quick connectors, this system simplifies installation and maintenance operations.

Opening and closing button

The top glass opening and closing button is flush, perfectly integrated with the vertical mirror glass panel.

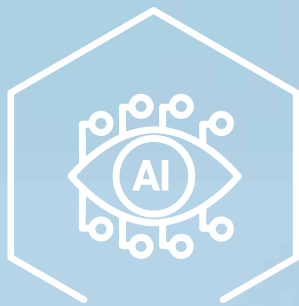


Touch Panel

The elegant touch control panel is fitted as standard on all showcases.

Ciam Touch Pro Panel

On request it is possible to equip the showcases with the Touch Pro control panel for a professional use that allows to fully take advantage of the performance of the product.

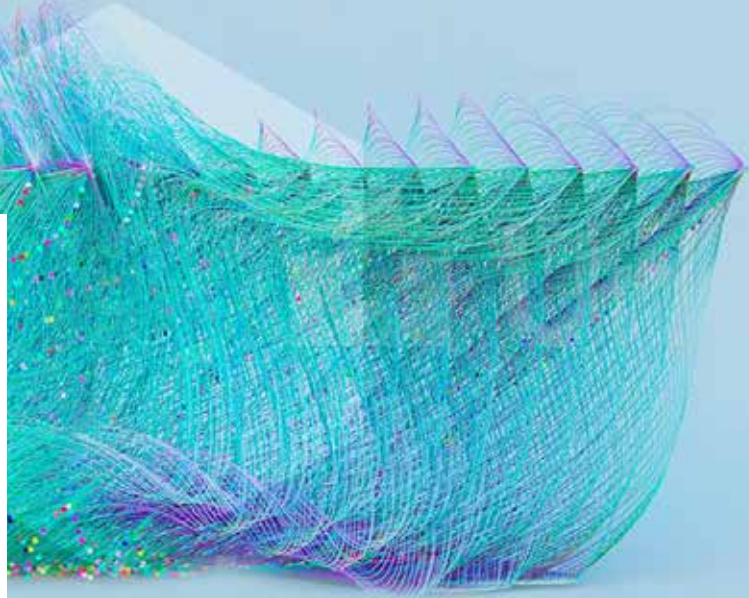


SMART FUTURE

CIAM

CIAM Smart Future

Ciam presents a world driven by technological evolution, where new apps, technologies, CIAM innovation, and AI come together to become a reality. A sophisticated scenario that ranges from enhancing product quality to achieving controlled energy savings, shaping a future that is increasingly ethical and smart.



No  Ice



No-Ice. Smart Defrost System

Technology that uses artificial intelligence to automatically calculate the defrost cycles of the display case, resulting in significant energy savings. No-Ice also includes the Ciam Connect package.

CRYSTAL SENSE is the technology that prevents condensation by selfregulating the heating of the glass based on environmental conditions*. It reduces thermal stress and improves product preservation, while optimizing energy consumption thanks to an intelligent system that detects temperature and humidity.

*Available on low temperature showcases.



CRYSTAL
SENSE

Performance and sustainability without compromise



ReClima

RE-CLIMA is a sustainable technology that regulates humidity without using electric resistances. This system reduces energy consumption, prevents thermal stress, and ensures better product preservation, with both environmental and economic benefits*.

*Available on showcases with internal units using R290 gas

DEFROST LINE reduces defrosting times and accelerates the return to temperature, minimizing energy consumption and thermal stress on the product.

Defrost Line has already been implemented by Ciam in its next-generation gelato showcases.



DEFROST LINE



YRIS

YRIS allows you to adapt the showcase lighting to the product, optimizing each display. Through the Bluetooth app, you can control the color temperature (2700K–5000K) and intensity (0–100%) in real-time. This technology is designed for consistently personalized and highperformance showcases, and the app also allows you to manage the internal temperature and defrosting of the showcase.

MIRROR

Positive Temperature

Heated stratified glass | patented automatic upward opening system of the top glass | bright aluminum micro-lamps integrated into the top of the glass gantry with 3000°K diffused LED lighting | external coating with mirror elements and back-painted glass | tank insulated with ecological polyurethane and covered with stainless steel | ventilated refrigeration with thermostatic valve | electronic control unit and digital temperature reader flush with the surface | display trays in polished steel | supporting frame in painted steel with height adjustable feet

GLASS GANTRY

Standard
- Heated, laminated glass with black screen printing
- Patented automatic upward opening

Extras
- Customized screen printing
RAL color at your choosing

INTERIOR

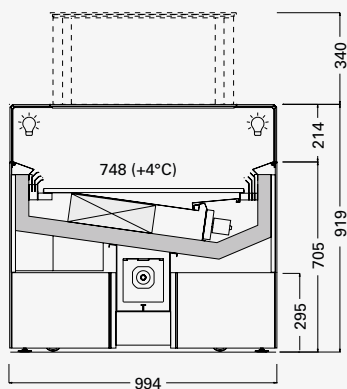
Standard
- Polished steel

Extras
- Epoxy powder-coated steel

EXTERIOR CLADDING

Standard
- mirror paneling
- black back-painted glass sides

Extras
- RAL color



Technical

	Ventilated		Automatic/electrical
	R452A		N. 4 / H.R. 55% / 30 °C
	Hermetic		+4°C (+39,5°F)
	LED 3.000°K		230 V / 1 ph / 50 Hz

Technical features (remote condensing unit)

	Energy label	Model Code	Dimensions mm	Weight Kg	Max Pwr. Consumption W / A	Avg Operating Consumption KW/H	Cooling Power/Expansion W / °C	GAS Type
		MIRPV130E	1350x994x919H 1530x1174x1209H	280 110	1100/6,0	0,65	700/-10	R452A
		MIRPV180E	1850x994x919H 2030x1174x1209H	330 145	1600/9,0	1,1	1000/-10	R452A
		MIRPV230E	2350x994x919H 2530x1174x1209H	460 180	2000/11,0	1,4	1300/ -10	R452A
		MIRPV920E	920x994x919H 1100x1174x1209H	280 110	1100/6,0	0,65	700/ -10	R452A

MIRROR

Low Temperature

Heated stratified glass | patented automatic upward opening system of the top glass | bright aluminum micro-lamps integrated into the top of the glass gantry with 3000°K diffused LED lighting | external coating with mirror elements and back-painted glass | tank insulated with ecological polyurethane and covered with stainless steel | ventilated refrigeration | automatic defrosting | electronic control unit and digital temperature reader flush with the surface | display trays in polished steel | supporting frame in painted steel with height adjustable feet

GLASS GANTRY

Standard
- Heated, laminated glass with black screen printing
- Patented automatic upward opening system

Extras
- Customized screen printing
RAL color at your choosing

INTERIOR

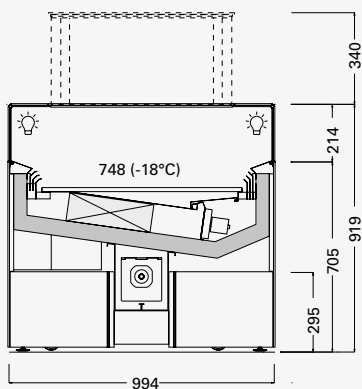
Standard
- Polished steel

Extras
- Epoxy powder-coated steel

EXTERIOR CLADDING

Standard
- Mirror paneling
- Black back-painted glass sides

Extras
- RAL color
- HPL



Technical

	Ventilated		Automatic/reverse cycle
	R452A		N. 4 / H.R. 55% / 30 °C
	Semi-Hermetic		-18°C (-0,4°F)
	LED 3.000°K		400 V / 3 ph / 50 Hz+N

Technical features (remote condensing unit)

	Energy label	Model Code	Dimensions mm	Weight Kg	Max Pwr. Consumption W / A	Avg Operating Consumption KW/H	Cooling Power/Expansion W / °C	GAS Type
		MIRTN130E	1350x994x919H 1530x1174x1209H	280 110	3500 / 7,5	1,6	800 / -36	R452A
		MIRTN180E	1850x994x919H 2030x1174x1209H	330 154	3900 / 8,5	1,9	1000 / -36	R452A
		MIRTN230E	2350x994x919H 2530x1174x1209H	440 180	4200 / 9,5	2,1	1200 / -36	R452A
		MIRTN920E	920x994x919H 1100x1174x1209H	280 110	3200 / 6.5	1,5	700 / - 36	R452A

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