

TORTUGA

HORIZONTAL SHOWCASES



CIAM

Refrigeration solutions
with a design focus.



Tortuga

Tortuga showcases feature uniform refrigeration on all display levels. The display cases are modular and available in the refrigerated positive-temperature, low-temperature, warm and ambient version. This model is suitable for the exposition of pastry, praline, deli, meat and cheese products thus perfect for use in any design context. Plug-in models are equipped with the environmentally friendly gas R290.



Watch
video

A new concept of vertical refrigeration





Tortuga showcases are ideal for every commercial need. They are perfect for storing and displaying: fresh pastries, pralines, deli, soft drinks, milk, meat, cheese and dairy products, cold cuts, sandwiches, sushi, macarons, pralines, ice cream, ice cream cakes, hot deli, brioches, pizza, bread.



Cut by Farmison & Co - Ripon



Contemporary design and
technological innovation.





Drop-in Tortuga GN



800 mm



625 mm

Tortuga depth 625mm and 800mm



900 mm



1200 mm

Tortuga pastry display lengths

Customization

Tortuga showcases are available in 5 lengths (900, 1000, 1200, 1500, 2000), 2 types of angles (right and left), 2 depths (625, 800), 2 heights (1200, 1350).

The Tortuga GN (gastronorm) is also available in 5 versions (L745mm, L1070mm, L1395mm, L1720mm and L2045mm) and with a 690mm depth.

Customized lengths can be requested based on the specific needs of the customer.



GN trays



1500 mm



2000 mm



Beautiful - Italy



Maison Thielen - Paris
Tortuga integrated in a room where warm tones of wood and marble prevail

All finishings, coatings and mirror screen printing can be customized by using Ciam's wide selection of materials, including stoneware, acrylics, quartz compounds, natural stones, epoxy-coated stainless steel, galvanically treated steel, brass, wood and ceramic coatings.



Ofelè Pasticceria - Italy

Chez Meunier - Issy-Les-Moulineaux
Tortuga with screen printing and metal frame in gold s/s and oak handle



Channeling



Tortuga showcases can be channeled in aesthetic continuity and allow a wide range of customisation possibilities.



Tortuga pastry channeling with Sx corner

Glass gantries

Double pane glass

The tortuga model is equipped with a double pane glass without any visible hardware. "Black" mirror screen printings are standard but can be customized with any epoxy painting of your choice; screen printings are also available in the exclusive mirror version.



Double pane glass display case with standard screen printing

Frameless glass

The frameless layout increases the transparency and visibility of products within the showcase. (Only for refrigerated ventilated Tortuga showcases +4°C).



Frameless glass display case (optional)



LED lighting canopy

Adjustable shelves

The height adjustment of the shelves occurs on a low-voltage electrified rack, thus quickly and easily without the use of electrical cables.

Shelf lighting

The glass shelves feature diffused micro-lighting at 3000°K. A cooler (4000°K) or warmer (2700°K) gradation is available on request.



Glass shelves adjustable on racks



Operator-side with double-glazed Premium doors without central upright (Tortuga Low temperature)

Opening types

Premium Doors

In the low-temperature version, access to the refrigerated compartment is via heated, triple-pane thermal glass doors without the central upright to facilitate loading operations.

Sliding Doors

Access to the refrigerated compartment is via sliding doors with automatic closing and magnetic catch to facilitate loading operations.

JWL Drawers

In the Jewellery version, access to the refrigerated compartment is through full-extension sliding drawers.

Self-service doors

In the Self-Service version, access to the refrigerated compartment is through double pane glazed doors with transparent screens for channeling the flow of refrigerated air. The absence of a center upright facilitates loading operations.



Full extension sliding stainless steel drawers



Double pane glass sliding doors (Tortuga ventilated refrigerated)

Operator side with double pane glass doors without central upright with integration of slotted PETG screen (Self-service Tortuga)



Types of set-up

Tortuga showcases can be supplied in the following set-ups:

Paneled

A solid or painted HPL paneling is supplied upon request along with the display case.

Semi-finished set-up

The display case is without paneling, this one will be provided by the interior designers.

Drop-In

the showcases is supplied in drop-in version, in order to be embedded in an existing counter.

Drop-in set-up





Paneled set-up



Semi-finished set-up

Thermodynamics





Tortuga 2 and Tortuga 3 showcases with positive ventilated refrigeration



Positive temperature refrigerated display cases (+4/+14°C)

Positive-temperature refrigerated display cases feature a high-efficiency ventilated system that ensures high internal humidity, which is perfect for the proper storage of products, especially for fresh pastries.

**Low temperature display cases
(-18°C)**

Low-temperature display cases are ventilated and provide outstanding performance with automatic hot gas defrosts.



Tortuga 2 and Tortuga 3 showcases with low ventilated refrigeration





Tortuga 2 and Tortuga 3 hot ventilated display cases

Hot ventilated
(+60°C)

Hot Tortuga showcases feature a ventilated system on all display levels; heating takes place through the use of electrical resistances.

Tortuga 3 self-service L1000



**Self-service
(+4/+6°C)**

Tortuga Self display cases have sophisticated thermodynamics that ensure constant temperature on all display levels. Forced air circulation takes place through transparent screens integrated with the doors that channel its flow over all display surfaces.

Tortuga 2 and Tortuga 3 Self-service display cases





Ventilated refrigerated GN Tortuga in one-, two-, and three-shelf versions.

Tortuga GN - ventilated refrigerated display case on all display levels (+4/+8°C)

Tortuga display cases can be supplied with a Gastronorm set-up. In this case, the top is designed to accommodate 1\1 GN trays. Once again, refrigeration is ventilated and homogeneous on all display levels.





**Tortuga GN - hot humid ventilated
(+60°C)**

Hot gastronorm display cases are equipped with an hot humid ventilated system. Heating takes place either by means of electrical resistances or of heating lamps on each display level.

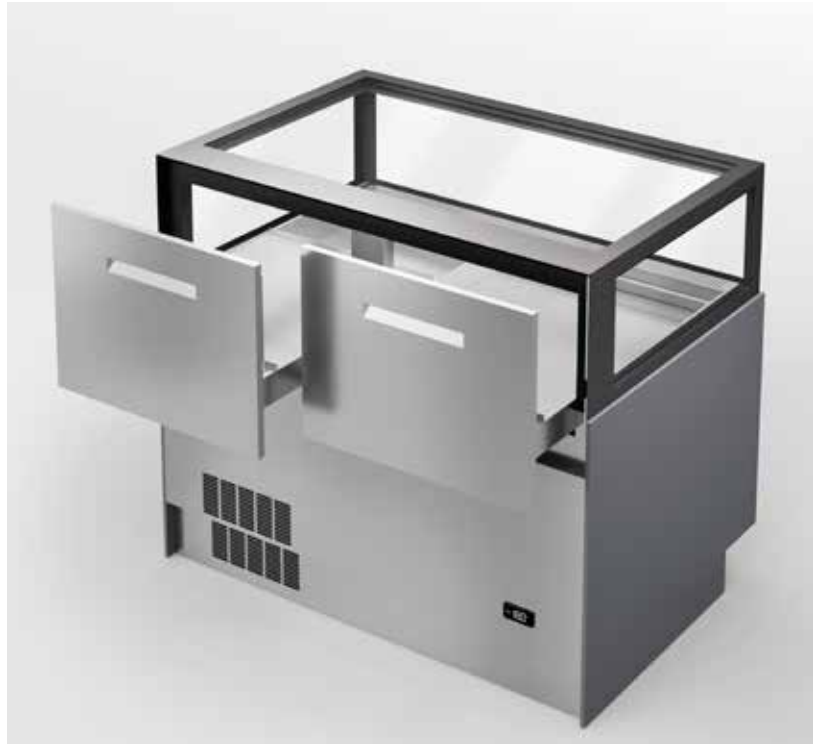


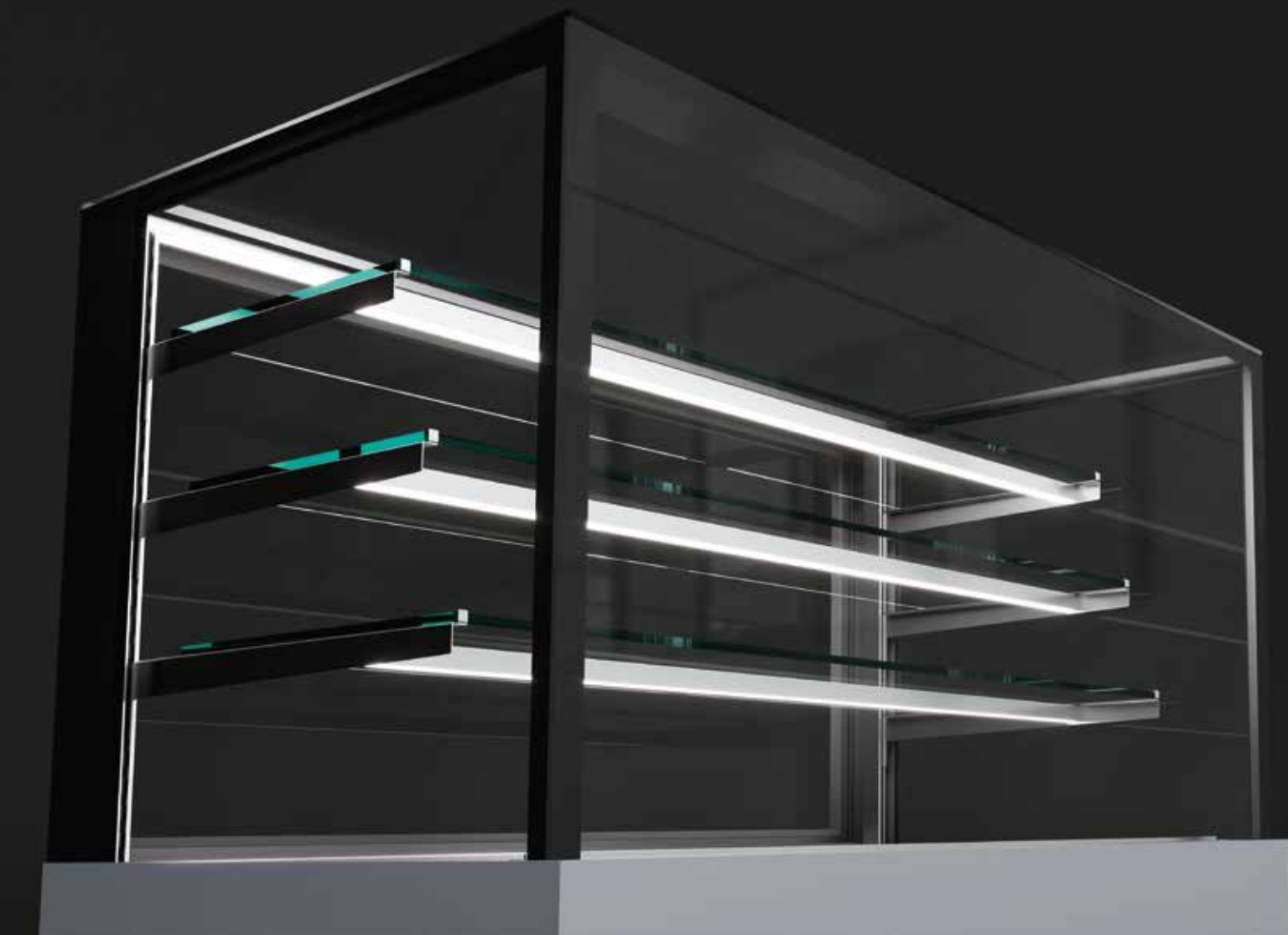
Heating lamp on all display level

Full extension sliding drawers

**JWL version
(+4°C)**

The high internal humidity in Tortuga JWL version makes it ideal for displaying gastronomy and fresh meat. Access to the refrigerated compartment is via full-extension sliding drawers.





Glass shelves with integrated LED micro-lighting.

Lighting

Diffused LED lighting at 3000°K is perfect to highlight the products displayed in our showcases. The LED strips are integrated in the exclusive aluminium micro-ceiling lighting, both in the top version or on a low voltage electrified rack system.

The dimmer for adjusting light intensity is available as an optional feature.

Low-voltage electrified rack system



Features

Built-in R290 CU

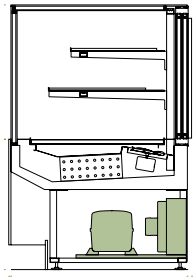
All built-in condensing units are hermetically sealed and use the environmentally friendly gas R290. Upon request, the display case can also be supplied with remote compressors or connected to a central refrigeration unit.

QR code

In the technical compartment is the product label with the QR code from which user and maintenance manuals and other technical content related to the product can be downloaded.

Digital temperature display

The digital temperature display is inserted flush with the top.



R290 plug-in condensing unit

Product tag with QR code



Digital temperature display



Electronics

CIAM CONNECT



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.



Key features

1. Customisation of panels, finishes and interior surfaces, as well as screen printings

2. Use of environmentally friendly gas R290 for positive temperature models

3. Channelling of showcases in aesthetic continuity

4. Temperature equalisation on all display levels

5. Wide range: 5 lengths (900, 1000, 1200, 1500, 2000), 2 types of angles (right and left), 2 depths (625, 800), 2 heights (1200, 1350)

6. The Tortuga GN (gastronorm) is available in 5 versions (L745mm, L1070mm, L1395mm, L1720mm and L2045mm) and with a 690mm depth.

7. High humidity that ensures perfect product conservation

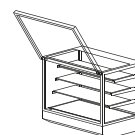
Optional



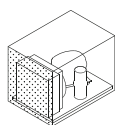
Compatibility with tube/white (patented system) for constant sanitation of internal surfaces



Compatibility with MULTIX (patented system)



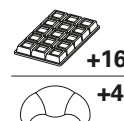
Front glass with upward for positive temperature Tortuga showcases



Magnetic filter for an easy cleaning of the condenser



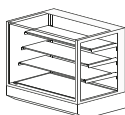
Remote control system for the constant monitoring of the showcase proper functioning



Showcases at positive temperature can be converted to be used for pralines.



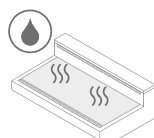
Wheels kit



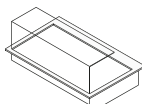
Frameless double glazing on Tortuga showcases (only available on version with positive temperature and non-heated glass)



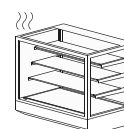
60Hz Electric control board ETL certified



Natural or ventilated humidification kit for dry hot showcases



Perimetral frame for drop-in configuration



Heated double glazings



Gelateria Demetra - Italy



Bar Mood - Roma



Glass structures

TORTUGA 2



TORTUGA 3



TORTUGA 2 BT



TORTUGA 3 BT



TORTUGA 2 SELF



TORTUGA 3 SELF



TORTUGA JWL



TORTUGA 1 GN



TORTUGA 2 GN



TORTUGA 3 GN



TORTUGA 1 GN CUV



TORTUGA 2 GN CUV



TORTUGA 3 GN CUV



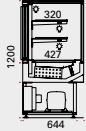
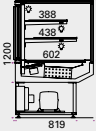
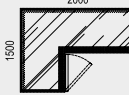
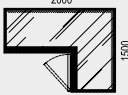
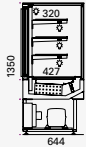
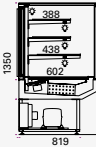
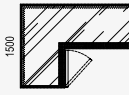
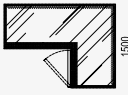
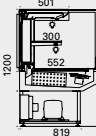
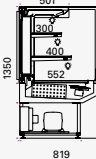
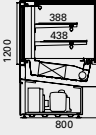
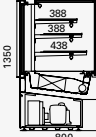
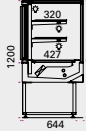
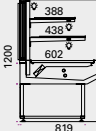
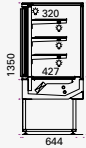
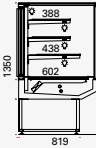
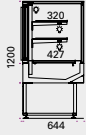
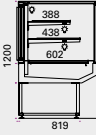
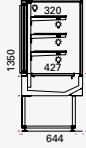
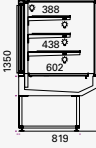
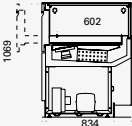
	GLASSES OPENING	NUMBER OF SHELVES	ANTI-FOGGING OF FRONT GLASS	ANTI-FOGGING OF SIDE GLASS
TORTUGA 2 POSITIVE TEMPERATURE	Fixed double glazed glass case (Std)	Nr.2 glass shelves with lighting adjustable on a low voltage electrified rack (Std)	Double-glazed glass/ black silkscreen painting (Std)	Double-glazed glass / black silkscreen painting (Std)
	Front glass with upward opening (Opt)	Additional shelf (Opt)	Frameless double-glazed welded glass box (Opt) Heated single-glazed glass (Opt)	Heated single-glazed glass (Opt)
TORTUGA 3 POSITIVE TEMPERATURE	Fixed double glazed glass case (Std)	Nr.3 glass shelves with lighting adjustable on a low voltage electrified rack (Std)	Double-glazed glass/ black silkscreen painting (Std)	Double-glazed glass / black silkscreen painting (Std)
	Front glass with upward opening (Opt)	Additional shelf (Opt)	Frameless double-glazed welded glass box (Opt) Heated single-glazed glass (Opt)	Heated single-glazed glass (Opt)
TORTUGA 2 SELF-SERVICE	Open layout Self-Service (Std)	Nr.1 glass shelf with lighting adjustable on a low voltage electrified rack (Std)	-	Double-glazed glass / black silkscreen painting (Std)
	Roller blind closing (Opt)	Additional shelf (Opt)		
TORTUGA 3 SELF-SERVICE	Open layout Self-Service (Std)	Nr.2 glass shelves with lighting adjustable on a low voltage electrified rack (Std)	-	Double-glazed glass / black silkscreen painting (Std)
	Roller blind closing (Opt)	Additional shelf (Opt)		
TORTUGA 2 LOW TEMPERATURE	Fixed triple glazed glass case (Std)	Nr.2 glass shelves with lighting adjustable on a low voltage electrified rack (Std)	Triple-glazed heated glass / black silkscreen painting (Std)	Triple-glazed glass / black silkscreen painting (Std) Heated single-glazed glass (Opt)
		Additional shelf (Opt)		
TORTUGA 3 LOW TEMPERATURE	Fixed triple glazed glass case (Std)	Nr.3 glass shelves with lighting adjustable on a low voltage electrified rack (Std)	Triple-glazed heated glass / black silkscreen painting (Std)	Triple-glazed glass / black silkscreen painting (Std) Heated single-glazed glass (Opt)
		Additional shelf (Opt)		
TORTUGA JWJ	Glass gantry with fixed double-glazing (Std)	-	Double-glazed glass/ black silkscreen painting (Std)	Double-glazed glass / black silkscreen painting (Std)
			Heated single-glazed glass (Opt)	Heated single-glazed glass (Opt)

ANTI-FOGGING OF TOP GLASS	OPENING OF SIDE OPERATOR	STRIP-LED DIFFUSED LIGHTING	ALUMINUM PROFILES FINISHES
Double-glazed glass / black silkscreen painting (Std) Frameless double-glazed welded glass box (Opt) Heated single glass (Opt)	Sliding double-glazed glass doors / black silkscreen painting and black aluminum frame (Std)	3000° K (Std) 2700° K (Opt) 4000° K (Opt)	Bright aluminum (Std)
Double-glazed glass / black silkscreen painting (Std) Frameless double-glazed welded glass box (Opt) Heated single glass (Opt)	Sliding double-glazed glass doors / black silkscreen painting and black aluminum frame (Std)	3000° K (Std) 2700° K (Opt) 4000° K (Opt)	Bright aluminum (Std)
Insulated top glass with black back-painted external glass (Std)	Triple-glazed hinged glass doors, black silkscreen painting and black aluminum frame Without central upright (Std)	3000° K (Std) 2700° K (Opt) 4000° K (Opt)	Bright aluminum (Std)
Insulated top glass with black back-painted external glass (Std)	Triple-glazed hinged glass doors, black silkscreen painting and black aluminum frame Without central upright (Std)	3000° K (Std) 2700° K (Opt) 4000° K (Opt)	Bright aluminum (Std)
Triple-glazed glass / black silkscreen painting (Std) Heated single-glazed glass (Opt)	Triple-glazed hinged glass doors, black silkscreen painting and black aluminum frame Without central upright (Std)	3000° K (Std) 2700° K (Opt) 4000° K (Opt)	Bright aluminum (Std)
Triple-glazed glass / black silkscreen painting (Std) Heated single-glazed glass (Opt)	Triple-glazed hinged glass doors, black silkscreen painting and black aluminum frame Without central upright (Std)	3000° K (Std) 2700° K (Opt) 4000° K (Opt)	Bright aluminum (Std)
Triple-glazed glass / black silkscreen painting (Std) Heated single-glazed glass (Opt)	Pull-out stainless steel drawers with "standard" handle	3000° K (Std) 2700° K (Opt) 4000° K (Opt)	Bright aluminum (Std)

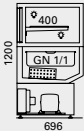
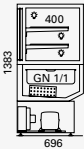
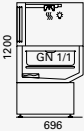
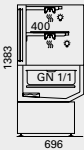
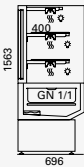
	GLASSES OPENING	NUMBER OF SHELVES	ANTI-FOGGING OF FRONT GLASS	ANTI-FOGGING OF SIDE GLASS
TORTUGA 1 GN VENTILATED REFRIGERATED ON ALL DISPLAY LEVELS	Fixed double glazed glass case (Std)	nr. 1 intermediate shelf with lighting adjustable on low-voltage electrified rack system	Double-glazed glass/ black silkscreen painting (Std) Heated single-glazed glass (Opt)	Double-glazed glass/ black silkscreen painting (Std) Heated single-glazed glass (Opt)
TORTUGA 2 GN VENTILATED REFRIGERATED ON ALL DISPLAY LEVELS	Fixed double glazed glass case (Std)	nr. 2 intermediate shelves with lighting adjustable on low-voltage electrified rack system	Double-glazed glass/ black silkscreen painting (Std) Heated single-glazed glass (Opt)	Double-glazed glass/ black silkscreen painting (Std) Heated single-glazed glass (Opt)
TORTUGA 3 GN VENTILATED REFRIGERATED ON ALL DISPLAY LEVELS	Fixed double glazed glass case (Std)	nr. 3 intermediate shelves with lighting adjustable on low-voltage electrified rack system	Double-glazed glass/ black silkscreen painting (Std) Heated single-glazed glass (Opt)	Double-glazed glass/ black silkscreen painting (Std) Heated single-glazed glass (Opt)
TORTUGA 1 GN VENTILATED HUMID WARM	Glass structure with mechanical fastening (Std)	-	-	-
TORTUGA 2 GN VENTILATED HUMID WARM	Glass structure with mechanical fastening (Std)	nr. 1 intermediate shelf with lighting adjustable on low-voltage electrified rack system and heating lamp	-	-
TORTUGA 3 GN VENTILATED HUMID WARM	Glass structure with mechanical fastening (Std)	nr. 2 intermediate shelves with lighting adjustable on low-voltage electrified rack system and heating lamps	-	-

ANTI-FOGGING OF TOP GLASS	OPENING OF SIDE OPERATOR	STRIP-LED DIFFUSED LIGHTING	ALUMINUM PROFILES FINISHES	HARDWARE FINISHES
Double-glazed glass/ black silkscreen painting (Std)	Sliding double-glazed glass doors / black silkscreen painting and black aluminum frame (Std)	3000° K (Std)	Bright aluminum (Std)	Chromium-plated steel (Std)
Heated single-glazed glass (Opt)		2700° K (Opt) 4000° K (Opt)		
Double-glazed glass/ black silkscreen painting (Std)	Sliding double-glazed glass doors / black silkscreen painting and black aluminum frame (Std)	3000° K (Std)	Bright aluminum (Std)	Chromium-plated steel (Std)
Heated single-glazed glass (Opt)		2700° K (Opt) 4000° K (Opt)		
Double-glazed glass/ black silkscreen painting (Std)	Sliding double-glazed glass doors / black silkscreen painting and black aluminum frame (Std)	3000° K (Std)	Bright aluminum (Std)	Chromium-plated steel (Std)
Heated single-glazed glass (Opt)		2700° K (Opt) 4000° K (Opt)		
-	Sliding double-glazed glass doors / black silkscreen painting and black aluminum frame (Std)	3000° K (Std) 2700° K (Opt) 4000° K (Opt)	Bright aluminum (Std)	Chromium-plated steel (Std)
-	Sliding double-glazed glass doors / black silkscreen painting and black aluminum frame (Std)	3000° K (Std) 2700° K (Opt) 4000° K (Opt)	Bright aluminum (Std)	Chromium-plated steel (Std)
-	Sliding double-glazed glass doors / black silkscreen painting and black aluminum frame (Std)	3000° K (Std) 2700° K (Opt) 4000° K (Opt)	Bright aluminum (Std)	Chromium-plated steel (Std)

	ENERGETICAL CLASS	OPERATING TEMPERATURE	GAS	DISPLAY AREA
TORTUGA H1200 VENTILATED REFRIGERATED		+4° C +16° C	Linear R290 Corner R455A R513A	Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel electroplating acrylics HPL Gres Quartz composite marble (Opt)
TORTUGA H1350 VENTILATED REFRIGERATED		+4° C +16° C	Linear R290 Corner R455A R513A	Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel electroplating acrylics HPL Gres Quartz composite marble (Opt)
TORTUGA H1200 SELF-SERVICE VENTILATED REFRIGERATED		+4° C +8° C	R290	Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel electroplating acrylics HPL Gres Quartz composite marble (Opt)
TORTUGA H1350 SELF-SERVICE VENTILATED REFRIGERATED		+4° C +8° C	R290	Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel electroplating acrylics HPL Gres Quartz composite marble (Opt)
TORTUGA H1200 LOW TEMPERATURE		-18° C	R290	Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel electroplating acrylics HPL Gres Quartz composite marble (Opt)
TORTUGA H1350 LOW TEMPERATURE		-18° C	R290	Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel electroplating acrylics HPL Gres Quartz composite marble (Opt)
TORTUGA H1200 VENTILATED WARM	-	+60° C		Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel (Opt)
TORTUGA H1350 VENTILATED WARM	-	+60° C		Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel (Opt)
TORTUGA H1200 AMBIENT	-	Room temperature		Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel electroplating acrylics HPL Gres Quartz composite marble (Opt)
TORTUGA H1350 AMBIENT	-	Room temperature		Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel electroplating acrylics HPL Gres Quartz composite marble (Opt)
TORTUGA JWL H1069 POSITIVE TEMPERATURE		+4°C	R290	Polished stainless steel (Std) Brushed stainless steel powder-coated stainless steel electroplating acrylics HPL Gres Quartz composite marble Mirror (Opt)

P625	P800	L900	L1000	L1200	L1500	L2000	CORNER SQ AP90° SX	CORNER SQ AP90° DX	
		•		•	•	•			 Ventilated  Deck shelves  Hermetic
		•		•	•	•			 Automatic  N. 4 / H.R. 55% 30 °C (86 °F)  230 V / 1 ph / 50 Hz
			•		•	•			 Ventilated  Deck shelves  Hermetic
			•		•	•			 Automatic / electric  N. 3 / H.R. 60% 25 °C (77 °F)  230 V / 1 ph / 50 Hz
				•					 Ventilated  Deck shelves  Hermetic
				•					 Automatic / Hot gas  N. 3 / H.R. 60% 25 °C (77 °F)  230 V / 1 ph / 50 Hz
		•		•	•	•			 Ventilated  Deck shelves
		•		•	•	•			 N. 4 / H.R. 55% 30 °C (86 °F)  230 V / 1 ph / 50 Hz
		•		•	•	•	•	•	 Deck shelves
		•		•	•	•	•	•	 230 V / 1 ph / 50 Hz
		•		•	•	•	•	•	

	ENERGETICAL CLASS	OPERATING TEMPERATURE	GAS	DISPLAY AREA
TORTUGA 1 GN VENTILATED REFRIGERATE ON ALL DISPLAY LEVEL H1200		+2° C +8° C	Built-in compressor R290 External compressor R452A	GN Gastronorm trays housing (Std) Polished steel perforated plates (Opt)
TORTUGA 2 GN VENTILATED REFRIGERATE ON ALL DISPLAY LEVEL H1350		+2° C +8° C	Built-in compressor R290 External compressor R452A	GN Gastronorm trays housing (Std) Polished steel perforated plates (Opt)
TORTUGA 3 GN VENTILATED REFRIGERATE ON ALL DISPLAY LEVEL H1500		+2° C +8° C	Built-in compressor R290 External compressor R452A	GN Gastronorm trays housing (Std) Polished steel perforated plates (Opt)
TORTUGA 1 GN VENTILATED HUMID WARM H1200	-	+60° C	-	GN Gastronorm trays housing (Std) Polished steel perforated plates (Opt)
TORTUGA 2 GN VENTILATED HUMID WARM H1383	-	+60° C	-	GN Gastronorm trays housing (Std) Polished steel perforated plates (Opt)
TORTUGA 3 GN VENTILATED HUMID WARM H1563	-	+60° C	-	GN Gastronorm trays housing (Std) Polished steel perforated plates (Opt)

P690	L745	L1070	L1395	L1720	L2045	
	2x GN 1/1 	3x GN 1/1 	4x GN 1/1 	5x GN 1/1 	6x GN 1/1 	 Ventilated
	2x GN 1/1 	3x GN 1/1 	4x GN 1/1 	5x GN 1/1 	6x GN 1/1 	 Deck shelves  Hermetic  Automatic / Natural
	2x GN 1/1 	3x GN 1/1 	4x GN 1/1 	5x GN 1/1 	6x GN 1/1 	 N. 4 / H.R. 55% 30 °C (86 °F)  230 V / 1 ph / 50 Hz
	2x GN 1/1 	3x GN 1/1 	4x GN 1/1 		6x GN 1/1 	
	2x GN 1/1 	3x GN 1/1 	4x GN 1/1 		6x GN 1/1 	 Electrical / Ventilated / Humid  Deck shelves  N. 4 / H.R. 55% 30 °C (86 °F)
	2x GN 1/1 	3x GN 1/1 	4x GN 1/1 		6x GN 1/1 	 230 V / 1 ph / 50 Hz

CIAM