



United Technologies

New Velando[®]



Vertical Freezers & Chillers

Innovative vertical freezer
and chiller cabinets



Evolution6
in store, naturally...

Shopping pleasure



Pure black door design allows the merchandise to come to the fore



**IMPROVING
REFRIGERATION
NATURALLY**

New technical solutions

Enhanced presentation – improved performance

The new Velando® vertical glass door freezer and chiller features improved ergonomics and brilliant LED lighting for the enhanced presentation of merchandise. The new High Efficiency Frame (HEF) coupled with improved performance and an anti-hoarfrost design, significantly increases energy efficiency* and ensures stable operation under even the most challenging conditions.

*in comparison with previous models



Uniform and bright illumination

Experience high sales at low temperatures with the new Velando

High footprint utilization



New integrated LED luminaires in connection with High Efficiency Frame



High footprint utilization meets energy efficiency

The Velando vertical freezer/chiller offers top-of-the-line technology in terms of energy efficiency, reducing both: the energy required for refrigeration and direct energy consumption.

Design objectives

- Support merchandising
- High floorspace productivity
- Reduction in energy consumption
- Sustainable technology

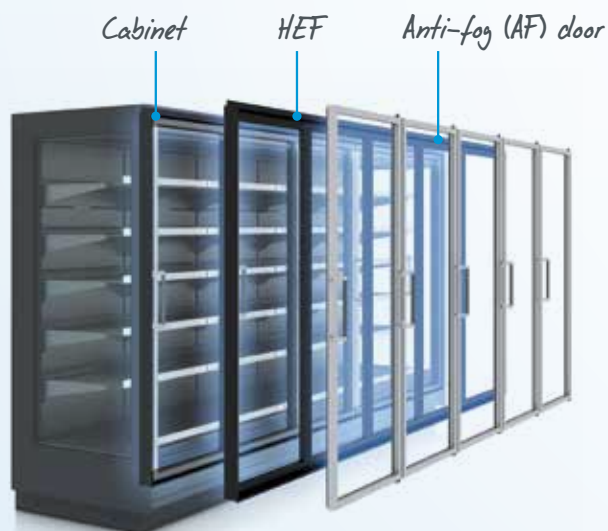
Features

- Pure cabinet design
- Improved LED illumination*
- High Efficiency Frame (HEF)*
- Higher evaporating temperature
- CO₂ evaporator*

Customer benefits

- Improved merchandise visibility for increased turnover
- Great interior volume
- Significantly lower energy consumption
- Increased efficiency of the refrigeration circuit
- Compliant with the new EU F-gas Regulation

*optional



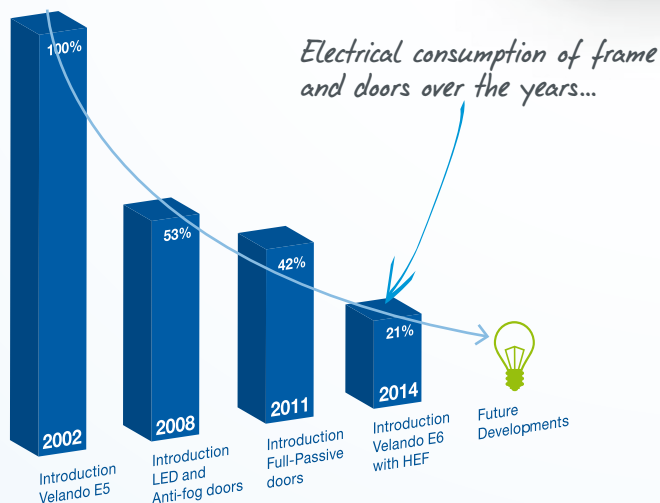
High Efficiency Frame

Glass fiber-reinforced plastic (GFRP) is used in the new frame instead of aluminum. This plays a major role in reducing the cabinet's direct electricity consumption (e.g. heaters, fans, lighting and defrosting) — by up to 41%**.

**compared to the same model with standard frame

Passive (non-heated) doors

*High Efficiency Frame**



Reduction of door and frame energy

The evolution of the design concept — glass doors and cabinet frames — is an example of how streamlined electrical energy consumption has benefited efficiency over time.



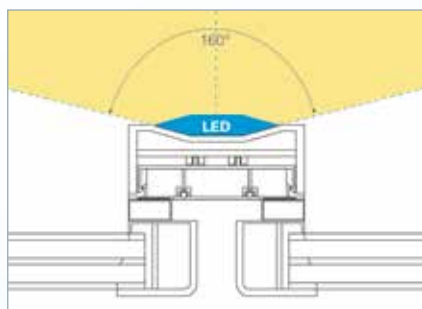
Honeycomb air outlet

Integrated LED illumination*

CO₂ evaporator*

Higher evaporating temperature

Efficient EC fans



Integrated LED illumination:

LED illumination in combination with HEF provides excellent illumination without a distracting design presence.



Honeycomb air outlet:

The honeycomb air outlet is just one of the features that contributes to the seamless anti-hoarfrost design.



Passive doors are the standard:

Anti-fog, non-heated doors not only save energy, but they also remain transparent and fog-free — open or closed.

The difference is in the details

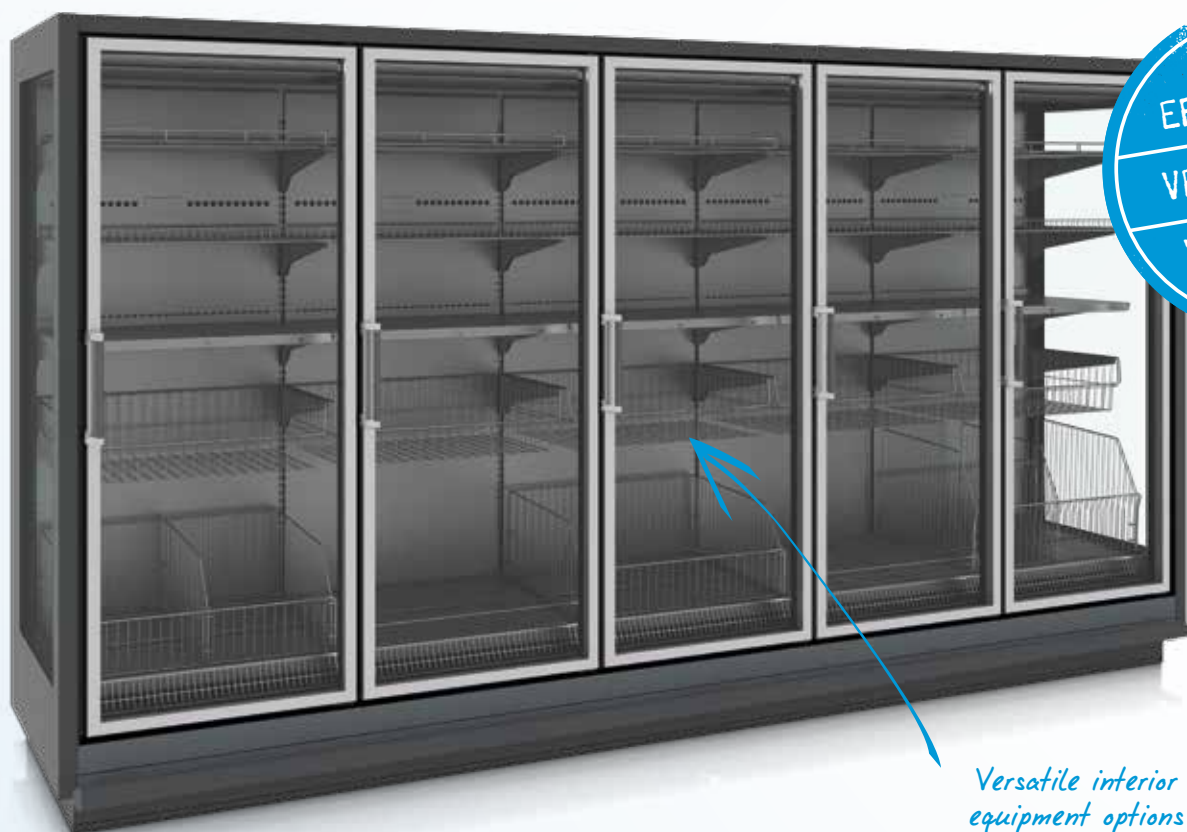
Excellent engineering creates a difference you can see

Efficiency is not the only benefit the new Velando cabinets bring to the table. Products are displayed attractively while still allowing for ease of access and an unobstructed view, providing the perfect balance of performance and functionality.

Another important feature is its versatility. The new Velando cabinet can be aligned with other Carrier E6 cabinets, making it extremely versatile.



Alu (standard) or alu-black (option) door design



Versatile interior equipment options



25 mm key bars with numbering for easy merchandising



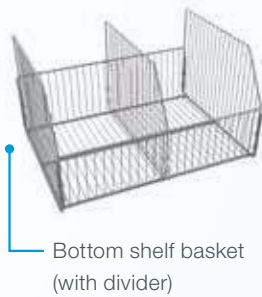
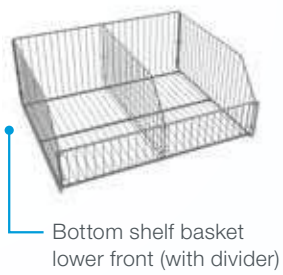
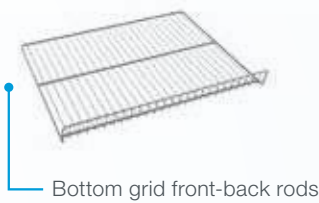
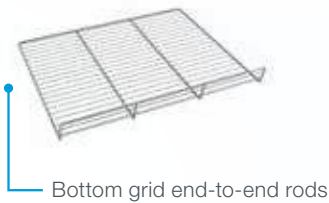
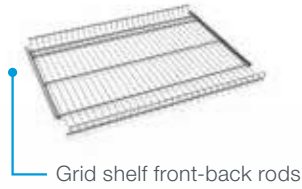
Ergonomic handle matching color of E6 cabinet design



Optional external bumper

+ ACCESSORIES

The new Velando cabinets offer a wide range of accessories, such as external bumper, a host of different shelving options and a rich variety of interior and exterior colors.



Panorama or solid endwalls are available

An option for everyone:

The Velando cabinets are available in two heights, five different lengths and two temperature ranges: as a freezer (B8 version) or a chiller (B4 version).



TECHNICAL DATA

Type Code

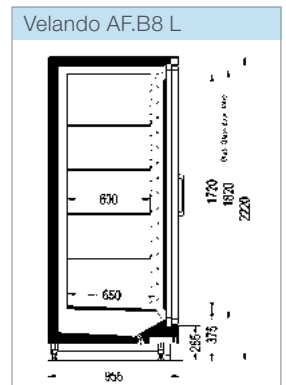
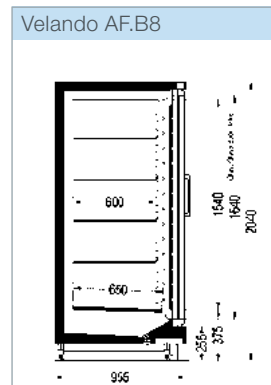
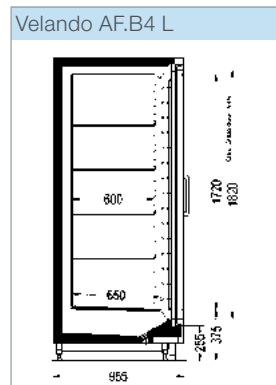
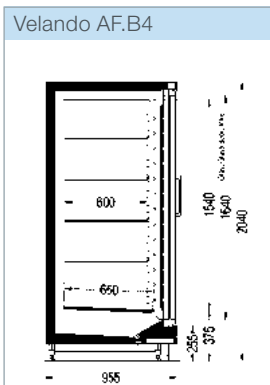
Velando **AF** **5D** **- 390** **B8** **L**
 Name of product line
 Glass door: AF = Anti fog
 Number of doors: 5 doors
 Cabinet length: 3,900 mm
 Revision index: B
 Temperature range: 8 (-22/-24°C)
 Cabinet height: L = 2,200 mm



Chiller



Freezer



E6 Velando AF.B4 / B8 (L)	Modules	1 door*	2 doors	3 doors	4 doors	5 doors
Length incl. endwalls (50 mm each)	[mm]	895	1,665	2,445	3,225	4,000
Temperature range Velando AF.B4	[°C]	0/2				
Temperature range Velando AF.B8	[°C]	-22/-24				
Display area / Height 2,040 mm	[m ²]	2.38	4.76	7.14	9.52	11.90
Display area** / Height 2,220 mm	[m ²]	2.85	5.69	8.54	11.39	14.24
Useful capacity / Height 2,040 mm	[l]	734	1,468	2,202	2,936	3,670
Useful capacity / Height 2,220 mm	[l]	820	1,640	2,460	3,280	4,100

* 1 door cabinet with superstructural parts on cabinet ceiling. An increased total cabinet height of 150 mm has to be considered.
 ** with 5 rows of shelves (option)

RM-VC-001-0615 | The manufacturer reserves the right to change the product specifications without notice.



Carrier Commercial Refrigeration is a leading supplier of high-efficiency turnkey refrigeration systems and services in the food retail industry.

www.carrier-refrigeration.com
www.carrier.com

