

# Small store program at a glance

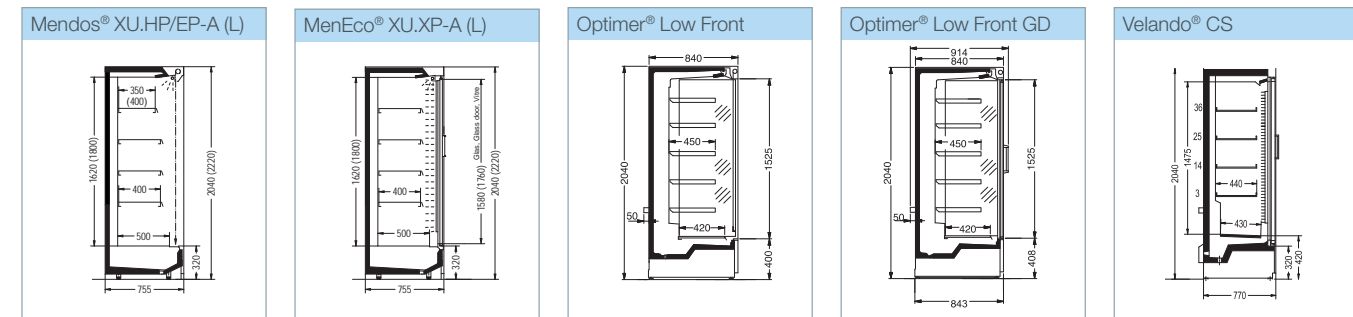
## Systems

Condensing units	Temperature range [°C]	Refrigerant	Refrigeration capacity [kW]	Dimensions [mm]			Location
				Length	Height	Depth	
MicroCO2OL®	MT/LT	R744	2-6/1-3	1200	650	700	Outdoor
MultiCO2OL®	MT/LT	R744	4-19/2-15	1900	1300	900	Outdoor
Quietis®	MT/LT	HFC/HFO	1-18/1-7	≤1180	≤1200	≤420	Outdoor
Quietis® G	MT/LT	HFC/HFO	1-18/1-7	≤1180	≤1200	≤665	Indoor*
Quietor® Evolution	MT/LT	HFC/HFO	2-46/2-28	≤2360	≤1300	≤930	Outdoor
Quietor® City	MT/LT	HFC/HFO	6-23/5-14	≤1940	≤1300	≤650	Indoor*

\* air duct system required

Especially for small cold rooms:			Wall mounted unit	Coldroom evaporator	
MINICOLD compact	MT/LT	HFC	1-4/1-3	≤680x960x410	≤680x400x500

## Cabinets



Model	Temperature range [°C]	Refrigerant remote	Refrigerant plug-in	Dimensions [mm]			Volume [l]	Shelf area [m²]	Application
				Length	Height	Depth			
Mendos® XU 125 (L)	-1...+1 (HP) 0...+2 (EP)	R744 / R404A	-	1250*	2040 (2220)	755	844 (935)	2.56 (3.06)	
Mendos® XU 150 (L)				1500*			1013 (1122)	3.08 (3.68)	
Mendos® XU 188 (L)				1875*			1266 (1403)	3.84 (4.59)	
Mendos® XU 250 (L)				2500*			1688 (1870)	5.13 (6.13)	
Mendos® XU 375 (L)				3750*			2531 (2805)	7.69 (9.19)	
MenEco® XU 125 (L)	XP: -2...0	R744 / R404A	-	1250*	2040 (2220)	755	863 (953)	2.63 (3.13)	
MenEco® XU 150 (L)				1500*			1035 (1143)	3.15 (3.75)	
MenEco® XU 188 (L)				1875*			1294 (1429)	3.94 (4.69)	
MenEco® XU 250 (L)				2500*			1725 (1905)	5.25 (6.25)	
MenEco® XU 375 (L)				3750*			2588 (2858)	7.88 (9.38)	
Optimer® 0948L	0...+2	-	R404A	885	2040	840	491	2.15	
Optimer® 1348L				1250			716	3.12	
Optimer® 1948L				1875			1102	4.49	
Optimer® 2548L				2420			1436	6.24	
Optimer® 0948 LG				-1...+1			-	R290 / R404A	
Optimer® 1348 LG	1250	716	3.12						
Optimer® 1948 LG	1875	1102	4.49						
Optimer® 2548 LG	2420	1436	6.24						
Velando® CS 1780 LG	-22...-24	R744 / R404A	R290 / R404A		1662	2040			770
Velando® CS 2580 LG				2443	1493		3.07		

\* Without endwalls (each endwall 40mm)

# Complete & Sustainable Refrigeration Solutions for Food Retailers

## Project Planning

- Display cabinets to maximize merchandising opportunities
- Energy and environmental impact consulting and analysis
- Optimal refrigeration technology solutions for each store type
- Complete project design and documentation

## Product Development & Manufacturing

- Next-generation display cabinets to help increase sales
- Advanced refrigeration technology and integrated systems
- Energy-efficient solutions for the system lifecycle
- Sustainable natural refrigerant technologies

## Lifecycle Care

- Preventative maintenance program
- 24/7 call center and service assistance
- Remote monitoring to ensure optimized performance
- System modernization for improved efficiency

## Installation

- Approach tailored to unique customer requirements
- Experienced teams with standard work processes
- A focus on quality throughout the process
- Limited on-site time for minimal business disruption



# Small store Flexi cases for tight spaces



Flexible layout for small store formats  
Harmonized design in limited retail spaces  
Fully operated with natural refrigerants

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

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# Flexible in layout – harmonized in design

Carrier has developed a program that offers solutions for the specific conditions and requirements of small store formats. The chillers and freezer display cabinets in Carrier's small store program provide optimal presentation of food in limited retail space – small dimensioned and in homogeneous design.

A variety of lengths allow for the ideal adaptation of the cabinets to any given store dimensions (such as wall lengths). The combination of remote and plug-in solutions are suited to the small store concept with building restrictions and are flexible enough to accommodate changes or enlargement of the refrigerated or frozen food range. Carrier's small store program has been designed with forthcoming environmental legislation in mind – both the remote as well as the plug-in cabinets can be operated with natural refrigerants.



### Chiller meets freezer

Limited retail space can require chillers and freezers to be placed side by side; the harmonized dimensions and uniform design of the small store program cabinets make this possible. The result is a more attractive store design without any loss of space. This flexibility applies to remote and plug-in cabinets as well as a combination of both.



Mendos® XU & Optimer™ L

MenEco® XU & Optimer™ LG

### Extended food displays for year-long flexibility

For shops with a high footfall and a limited sales area, flexibility in adjusting their sales assortment – sometimes seasonally – is a must in order to meet customer requirements. Existing remote installations (chillers and freezers) can be flexibly extended with a plug-in cabinet without touching the remote refrigeration system. All remote cabinets can be supplemented by any plug-in display case in matching dimensions and design. Additions or changes to the sales assortment can be realized easily.



Velando™ CS – multiplexed

### Pure remote

Carrier's small store program has everything that is needed for refrigeration in a small space: open display cabinets, display cabinets with single or double-glazed doors and freezers. The cabinet depth of approx. 750 mm – multidecks optionally available in 850 mm – allows optimal utilization of limited areas. All cabinets can be operated with CO<sub>2</sub> natural refrigerant. The cabinets can be installed in a line-up of various combinations and



configurations. All display cabinets are compatible in terms of size and match visually, allowing a uniform attractive design of the presentation area without any loss of space.

### Systems

For small store application where shop space is very limited and building restrictions do not allow a machine room, Carrier offers various solutions to meet your individual requirements.

You can choose between solutions with natural refrigerant (CO<sub>2</sub>), synthetic refrigerants with a very low GWP (R448A, R449A) or even traditional refrigerants (R134a, R404A). All units are ready for operation, and include all necessary components such as electrical controls, condenser/gas cooler and compressors.



For special applications where outdoor installation is not possible, such as small downtown retail shops, we offer low-noise solutions to be placed somewhere in the building, connected to an existing air duct

system. For small coldrooms, we offer a packaged unit with a compact design, including a coldroom evaporator precisely tailored to capacity, which is very easy to install and operate.

### Pure plug-in

The complete presentation area can be equipped with plug-in cabinets, allowing easy adaptation to possible restrictions within existing buildings and inner-city locations. These cabinets are also ideal for temporary food promotions or for changing the food offering. The cabinets are available in a variety of versions and lengths, allowing a custom layout to meet individual customer requirements. The cabinets can be installed in a line up in various combinations and configurations. All display cabinets are compatible in terms



of size and match visually, allowing a homogeneous and attractive design of the presentation area without any loss of

space. Slidable machine compartments in all plug-in cabinets save time in service and maintenance.