



 United Technologies

REFRIGERATED MULTIDECKS

Monaxis

Product variety for a
relaxed shopping atmosphere



Generous product facing area

High floor space utilization

New energy saving solutions

Customer magnet to promote sales

Experience applied for your benefit

In the Monaxis refrigerated multidecks, strong appeal display is part of the basic configuration. The products are shown to perfection, at the right temperature and with product facing that urges shoppers to reach in and take their pick.

Monaxis, with its modular design and various, readily combinable versions, fits into any store architecture and any display. Here we find the experience and knowledge of five merchandiser generations coming together, each having left its mark on the market.

Benefits at a glance

- Generous product facing area
- High floor space utilization
- Very appealing display
- Also available as roll-in cabinet
- Excellent lighting system

Freedom of design for any architecture

Monaxis is at home in any surroundings

Thanks to its various bottom display deck widths, display compartment heights and temperature classes, there is an ideal solution for each store situation and market feature and for each product range.

The various Monaxis versions can be freely combined and impressive wall line-ups created, making optimal use of each corner of the market surface. A visually pleasing design: for shoppers, Monaxis is unobtrusive, with its open design and harmonious use of the trading company's colours. Also an energy-saving solution is available: Monaxis GD.e*cube.

Appealing product presentation: Monaxis presents products in a way that enhances the mood of the shopper, making it a highly popular choice.



Ideal combination

Monaxis refrigerated multidecks ideal for each store situation

Monaxis GD.e*cube: System-wise energy savings



Low energy consumption,
greater temperature reliability

Refrigerated multideck with hinged glass doors

Monaxis GD.e*cube - for energy saving display of refrigerated products. The refrigerated multideck has energy-saving glass doors, dual speed EC fans and economical T5 HE fluorescent tubes.

stocking and picking of goods. The aisles before the cabinets remain pleasantly warm, since the cold air cannot escape from the merchandiser. The number of defrost cycles, too, is significantly reduced, which also protects the merchandise. Dual speed EC fans save additional energy and offer greater functional dependability. Energy-saving T5 HE fluorescent tubes or optimised LED rails round off the energy-saving potential.

Secure merchandise quality

The big hinged doors protect temperature-sensitive food against environmental disturbances or outside air. They permit ready access for easy

Benefits at a glance

- Significant reduction in energy costs*
- Reduced refrigeration load*
- Greater temperature reliability
- Cold aisle effect avoided, hence greater shopper comfort
- Fewer defrost cycles, hence improved food protection

Three door variants for individual customer needs

To accommodate different customer needs, three different door versions are available that differ in design, view of the merchandise and price. In their refrigeration technology, though, all variants can be regarded as virtually equivalent.

All-glass doors

Double insulated hinged glass doors without additional edge section and without inner merchandiser frame. To obtain a modern, elegant overall merchandiser look.

All-glass doors Antireflex

Double insulated hinged glass doors without additional edge section and without inner merchandiser frame. The non-reflecting panes avoid any kind of reflection. The result is a virtually open merchandise presentation.

Standard doors

Double insulated hinged glass door with narrow plastic edge section and a narrow inner merchandiser frame in a neutral white-aluminium powder coating.

Series features

- Insulated hinged glass doors with ergonomic door handles
- Dual speed EC fans (energy saving)

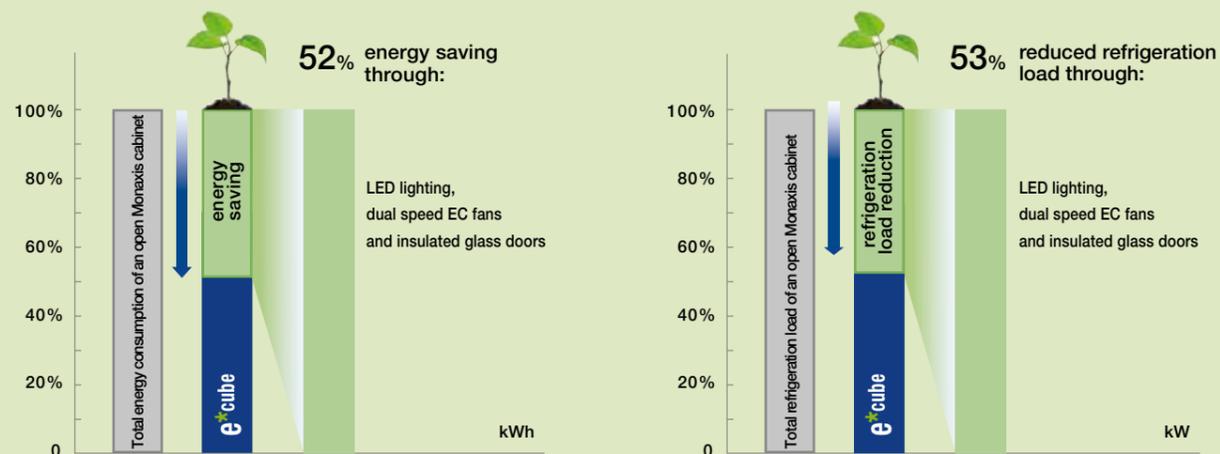
Accessory (optional)

- LED lighting

Total saving potential

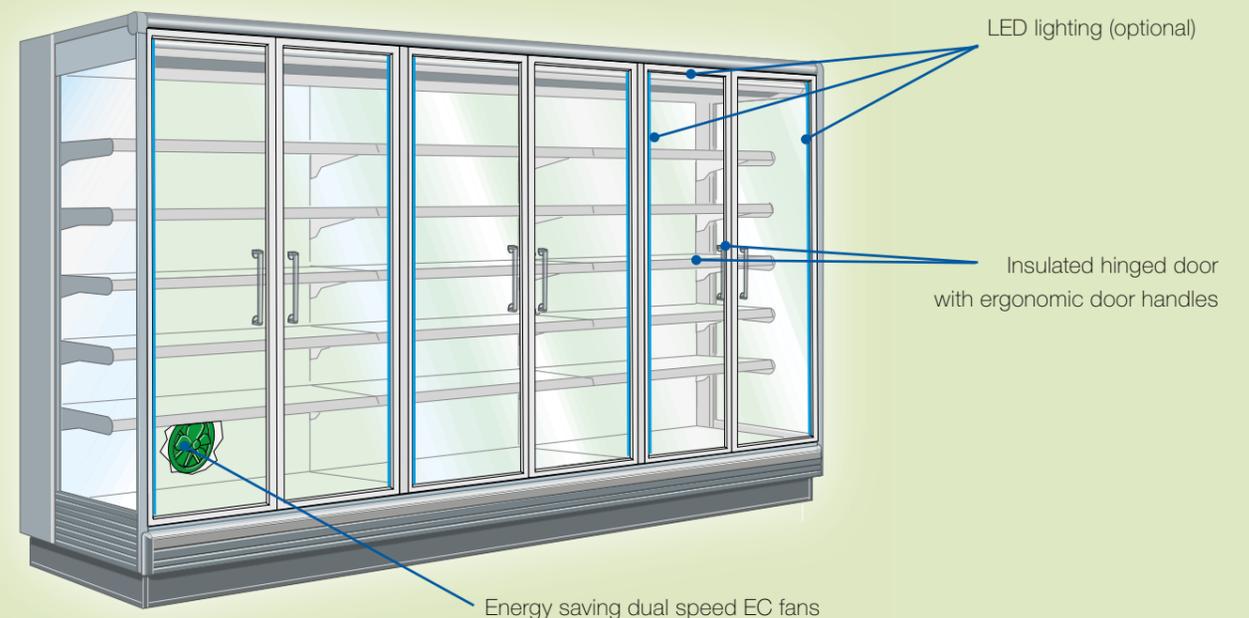
- Refrigeration load required approx. 53%
- Total electric energy consumption approx. 52%

Saving potential of Monaxis GD.e*cube



Source: Carrier Lead Design Center

*Performance data compared to standard Monaxis cabinet and dependent on range of operational setting, environmental factors and model types.



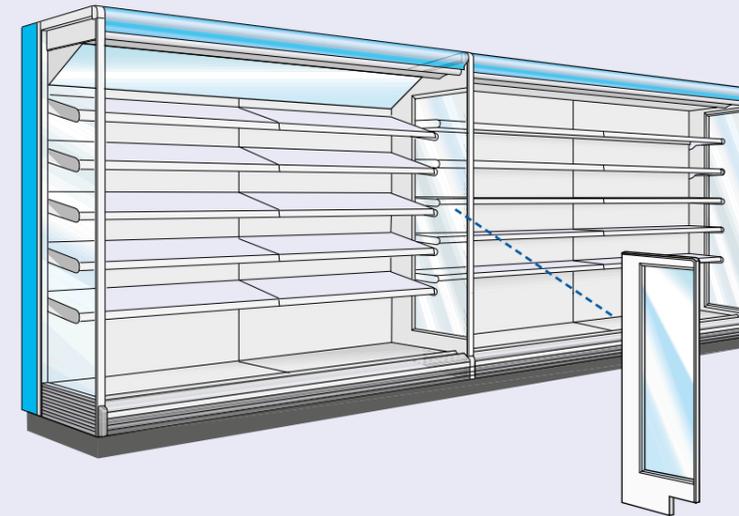
Multiple solutions

Intermediate and end walls for flexible layout

If, due to prevailing structural conditions, different multideck depths or models are to be combined, our intermediate walls (IW) will connect them all to form a well-balanced whole. Intermediate walls have all kinds of advantages: they cut purchase and installation costs since each intermediate wall replaces two end walls (EW), and the display surface grows in width.

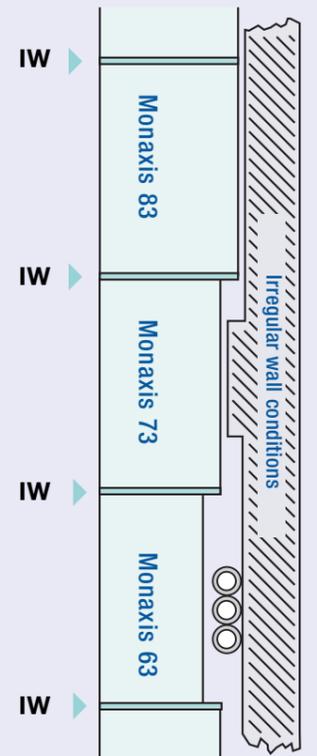
The harmonious transition points between the merchandisers enhance the visual appearance. This creates more freedom for layout planning since it is now even easier to build around utility supply fixtures, columns, and projecting wall sections in the store. All in all, the customized solution will have a lasting impact on sales.

Intermediate walls, end walls



Intermediate walls

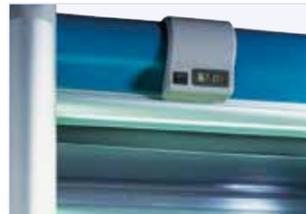
Where different merchandiser depths have to be combined – intermediate walls are the elegant solution to go with virtually any kind of market architecture.



End walls

From open to closed: End walls open up as much as you like in the market design. Full-glazed or part-glazed, plain, with or without inside mirroring – anything goes.

Sophisticated technology for more security



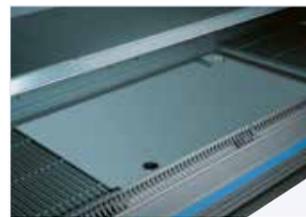
Easy to monitor

Optional switch and thermometer unit mounted outside on the canopy trim permits temperature controls even with the night blind closed.



Dual air curtain

The dual air curtain combines stable, secure temperatures with reduced energy consumption.



Easy-care

The base tub is free of technical parts, making it easy to wash and rinse. Return air grille and bottom display deck can be removed singly, making them easy to clean.



Neatly secure

The integrated bumper is proof against hard knocks from trolleys: either from the front or side.

Intelligent fittings for optimal presentations



Unending view of products

Mirrored inserts give the impression of an endless abundance of space for merchandise.



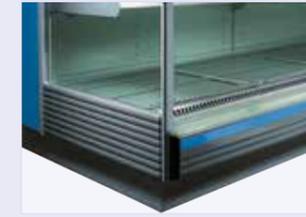
Perfect convenience

Convenience products stand out when hanging from Monaxis hock displays.



Visibly tidy

Angle-adjustable bottom racks offer especially good insights. With optional wire dividers, the merchandise always looks neat and tidy.



Nicely matched

The front panel integrated in the plinth can have colours to suit customer requirements.

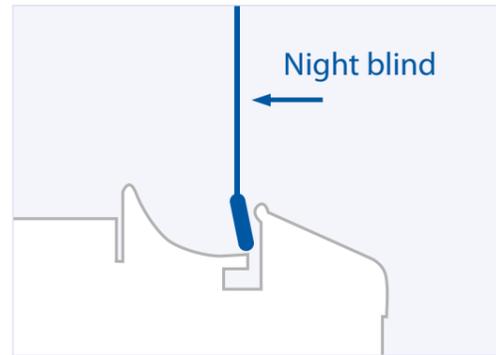
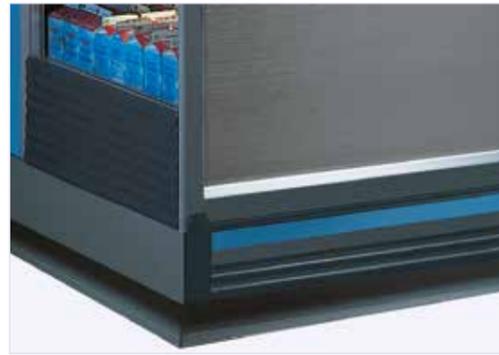


Perfect match

Combined Monaxis roll-in cabinet and refrigerated multideck



Detail solutions with additional function



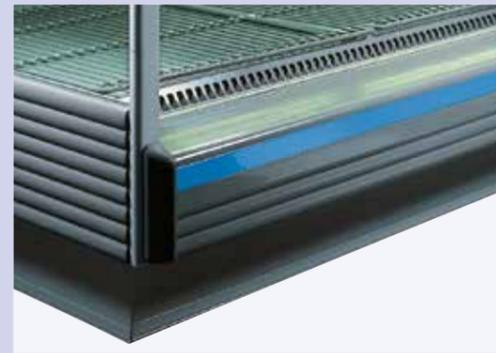
Automatic and tight

The night blind is pressed forward by the air stream in the merchandiser and seals automatically to save energy (protected by utility model).



Secure and stable

The return air grille acts as an integrated stack limiter. Also, the shape prevents blocking with merchandise, and it can withstand heavy loads in stocking.



Low and convenient

Thanks to the 30 cm front height, the available space can be optimally used and also makes for easy stocking of the multideck.

Market impressions



Magnetic

Attention-grabbing Monaxis crown ends showcase your display.



Economical

Thermopane glass doors protect temperature-sensitive products and reduce energy costs.



Optimal

Hook displays make convenience products especially attractive and accessible.



Matching

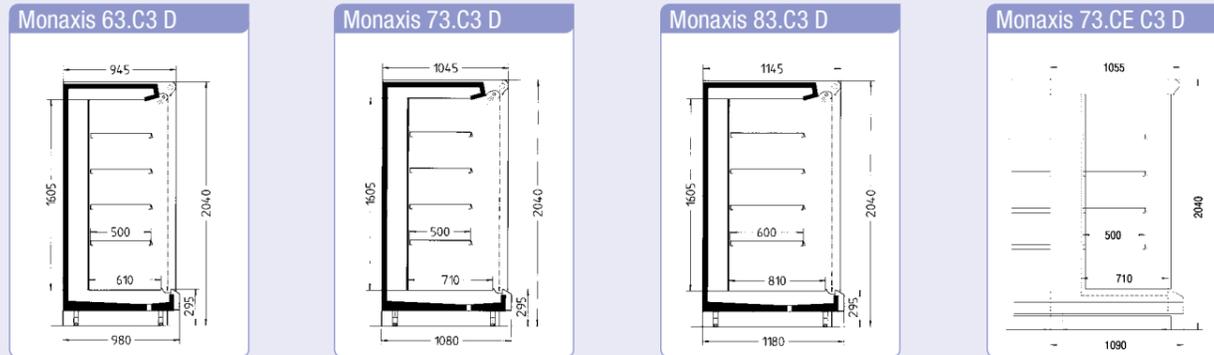
Monaxis crown ends opposite a long Monaxis wall line-up.

Technical data

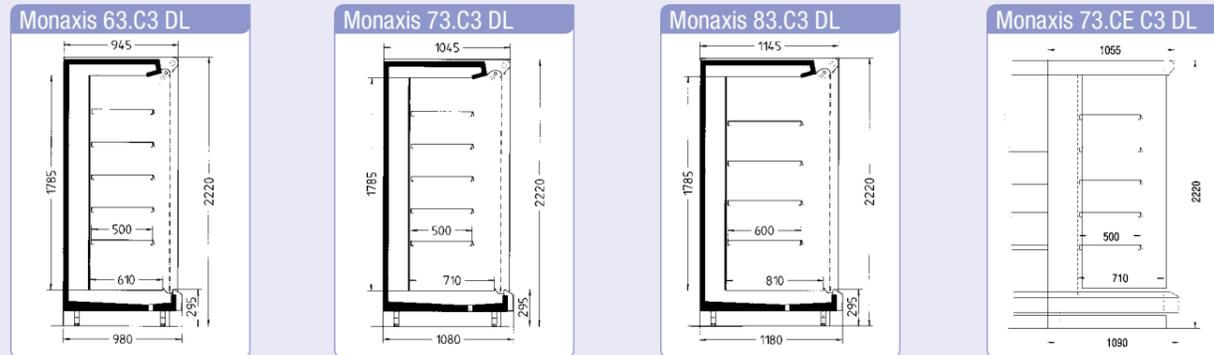
Monaxis

Type code **Monaxis 63 . C3 DL**
 Name of product line
 Depth of bottom shelf = 60 cm
 Cabinet front height = 30 cm
 Change code / status = C
 Temperature range = 3 (2/4, 4/6°C)
 Detailed information: D = Dual Air Curtain
 Detailed information: L = Height 2,200 mm

Monaxis line and crown end cabinets: Cabinet height 2,040 mm, temperature range 3 (2/4°C to 4/6°C)



Monaxis line and crown end cabinets: Cabinet height 2,220 mm, temperature range 3 (2/4°C to 4/6°C)



Monaxis C3	Modules* [mm]				Crown ends** [mm]		
	125	188	250	375	CE188	CE200	CE220
Length	1,330	1,960	2,580	3,830	2,130	2,255	2,455
Temperature range	3 (2/4°C to 4/6°C)						
Display area	[m ²]						
Monaxis 63.C3 D	3.25	4.90	6.55	9.80	5.45	-	-
Monaxis 63.C3 DL	3.90	5.85	7.80	11.65	6.50	-	-
Monaxis 73.C3 D	3.40	5.10	6.80	10.15	-	5.80	-
Monaxis 73.C3 DL	4.00	6.00	8.05	12.05	-	6.90	-
Monaxis 83.C3 D	4.00	6.00	8.05	12.05	-	-	6.40
Monaxis 83.C3 DL	4.00	6.00	8.05	12.05	-	-	7.60

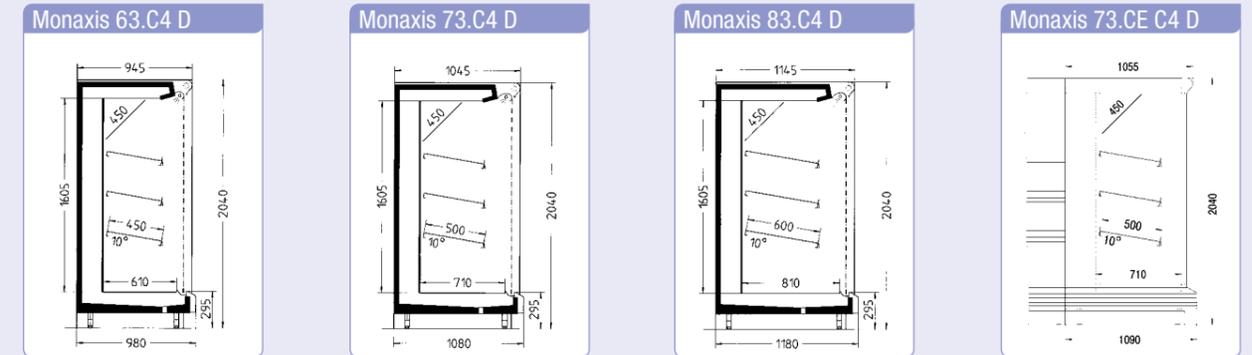
* Length incl. end walls (40 mm each)
 ** Monaxis 73, length incl. end walls (128 mm each)

Technical data

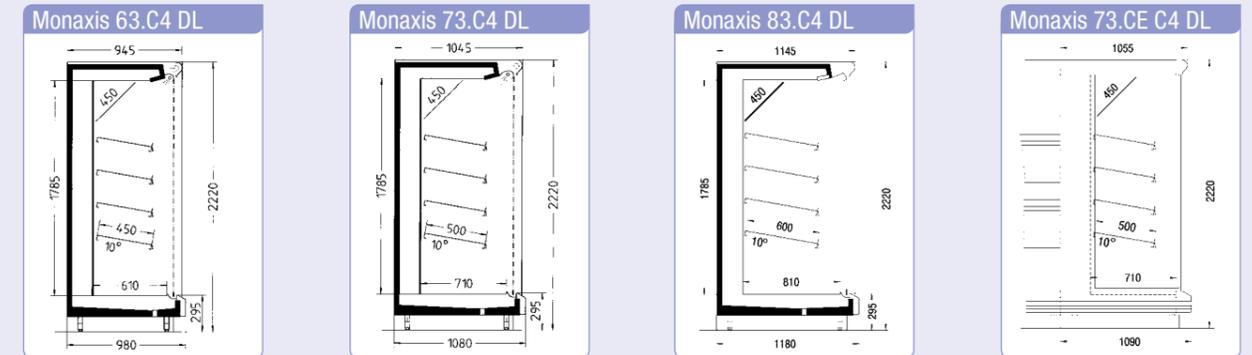
Monaxis

Type code **Monaxis 63 . C4 DL**
 Name of product line
 Depth of bottom shelf = 60 cm
 Cabinet front height = 30 cm
 Change code / status = C
 Temperature range = 4 (0/2°C)
 Detailed information: D = Dual Air Curtain
 Detailed information: L = Height 2,200 mm

Monaxis line and crown end cabinets: Cabinet height 2,040 mm, temperature range 4 (0/2°C)



Monaxis line and crown end cabinets: Cabinet height 2,220 mm, temperature range 4 (0/2°C)



Monaxis C4	Modules* [mm]				Crown ends** [mm]		
	125	188	250	375	CE188	CE200	CE220
Length	1,330	1,960	2,580	3,830	2,130	2,255	2,455
Temperature range	4 (0/2°C)						
Display area	[m ²]						
Monaxis 63.C4 D	2.45	3.70	4.90	7.35	4.15	-	-
Monaxis 63.C4 DL	3.00	4.55	6.00	9.00	5.10	-	-
Monaxis 73.C4 D	2.75	4.15	5.55	8.30	-	4.40	-
Monaxis 73.C4 DL	3.40	5.10	6.80	10.20	-	5.40	-
Monaxis 83.C4 D	3.25	4.90	6.55	9.80	-	-	4.85
Monaxis 83.C4 DL	4.00	6.00	8.05	12.05	-	-	5.95

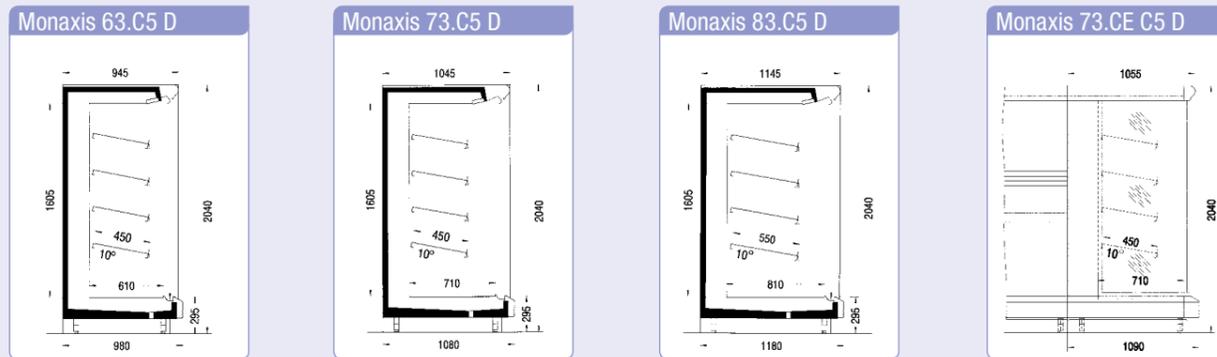
* Length incl. end walls (40 mm each)
 ** Monaxis 73, length incl. end walls (128 mm each)

Technical data

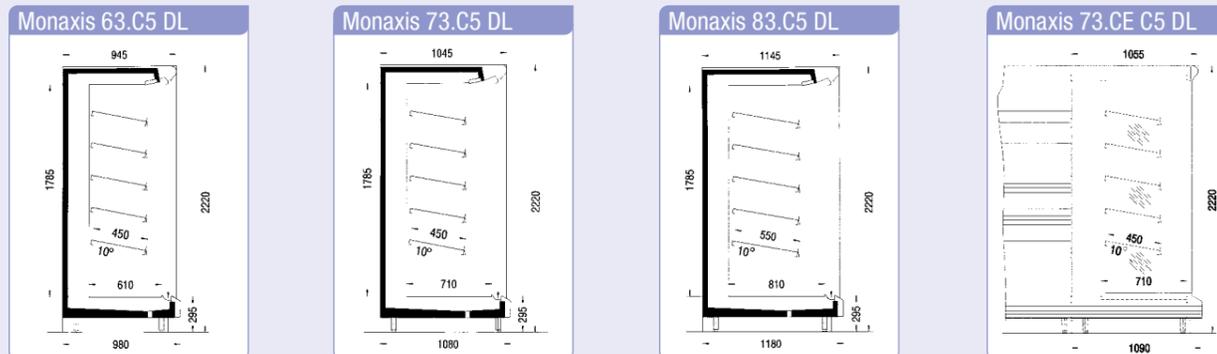
Monaxis

Type code	Monaxis	63	C5	DL
Name of product line				
Depth of bottom shelf = 60 cm				
Cabinet front height = 30 cm				
Change code / status = C				
Temperature range = 5 (-1/+1°C)				
Detailed information: D = Dual Air Curtain				
Detailed information: L = Height 2,200 mm				

Monaxis line and crown end cabinets: Cabinet height 2,040 mm, temperature range 5 (-1/+1°C)



Monaxis line and crown end cabinets: Cabinet height 2,220 mm, temperature range 5 (-1/+1°C)



Monaxis C5	Modules* [mm]				Crown ends** [mm]		
	125	188	250	375	CE188	CE200	CE220
Length	1,330	1,960	2,580	3,830	2,130	2,255	2,455
Temperature range	5 (-1/+1°C)						
Display area	[m ²]						
Monaxis 63.C5 D	3.00	4.50	6.00	9.05	4.71	-	-
Monaxis 63.C5 DL	3.60	5.35	7.15	10.70	5.55	-	-
Monaxis 73.C5 D	3.15	4.70	6.30	9.40	-	5.00	-
Monaxis 73.C5 DL	3.70	5.55	7.40	11.10	-	5.90	-
Monaxis 83.C5 D	3.75	5.65	7.55	11.30	-	-	5.50
Monaxis 83.C5 DL	4.45	6.70	8.90	13.35	-	-	6.50

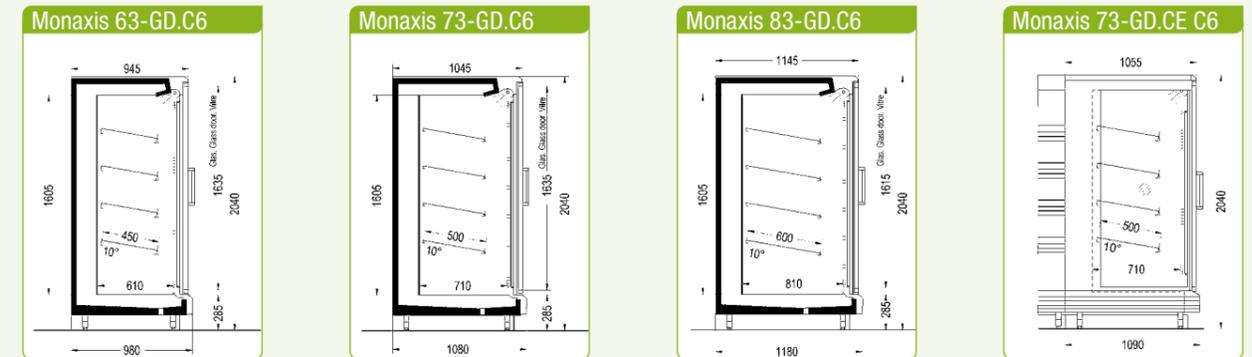
* Length incl. end walls (40 mm each)
** Monaxis 73, length incl. end walls (128 mm each)

Technical data

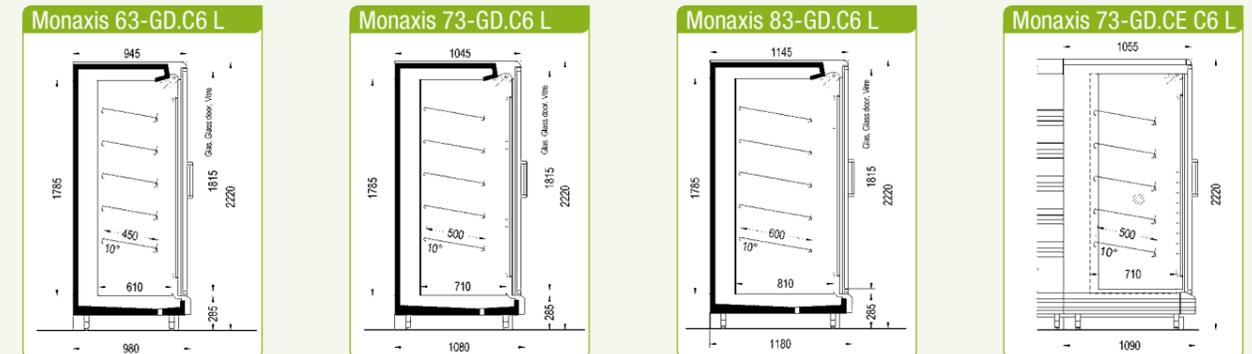
Monaxis GD.e*cube

Type code	Monaxis	83-GD	C6	L	e*cube
Name of product line					
Depth of bottom shelf = 80 cm					
Cabinet front height = 30 cm					
Glass doors = GD					
Change code / status = C					
Temperature range = 6 (-2/0, 2/4°C)					
Detailed information: L = Height 2,200 mm					
e*cube = energy saving design					

Monaxis GD.e*cube line and crown end cabinets: Cabinet height 2,040 mm, temperature range 6 (-2/0°C, -1/1°C, 0/2°C, 2/4°C)



Monaxis GD.e*cube line and crown end cabinets: Cabinet height 2,200 mm, temperature range 6 (-2/0°C, -1/1°C, 0/2°C, 2/4°C)



Monaxis GD.e*cube	Modules* [mm]				Crown ends** [mm]		
	125	188	255	375	CE188	CE200	CE220
Length	1,330	1,960	2,580	3,830	2,130	2,255	2,455
Temperature range	6 (-2/0°C, -1/1°C, 0/2°C, 2/4°C)						
Display area	[m ²]						
Monaxis 63-GD.C6 e*cube	3.00	4.55	6.00	9.05	5.10	-	-
Monaxis 63-GD.C6 L e*cube	3.60	5.40	7.15	10.70	6.00	-	-
Monaxis 73-GD.C6 e*cube	3.40	5.10	6.80	10.15	-	5.40	-
Monaxis 73-GD.C6 L e*cube	4.00	6.00	8.00	12.05	-	6.40	-
Monaxis 83-GD.C6 e*cube	4.00	6.00	8.00	12.05	-	-	5.95
Monaxis 83-GD.C6 L e*cube	4.75	7.15	9.50	14.30	-	-	7.05

* Length incl. end walls (40 mm each)
** Monaxis 73, length incl. end walls (128 mm each)

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



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

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