



Refrigeration Solutions Handbook



Viessmann Refrigeration Solutions

Viessmann is one of Europe's leading supplier of refrigeration solutions. Local refrigeration sales organisations in 18 different countries ensure the greatest possible proximity to the customer and offer a comprehensive range of products and services – from maintenance and service to technical support. The wide range of expertise in the Viessmann Group always paves the way to the perfect solution for the market partner.

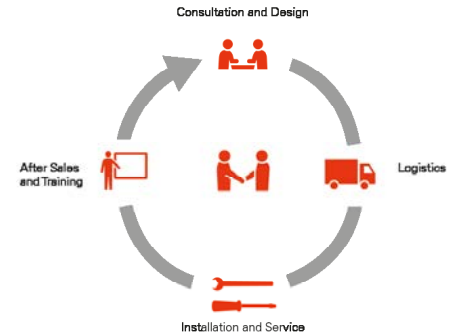
Production

Viessmann refrigeration solutions offer one contact point for refrigeration sales, marketing and services. Its production sites in Germany and Finland stand for

high-quality refrigerated cabinets, cold rooms and refrigeration systems, as well as great expertise in the field of commercial refrigeration. The bundling of both companies' long-term experience is a great benefit to the customers, who receive comprehensive refrigeration solutions from a single supplier.

REFRIGERATION SOLUTIONS OF VIESSMANN GROUP

- Refrigerated cabinets
- Cold rooms
- Refrigeration systems
- Turnkey projects



TectoDeck MD5 & MD5 eco



Improved merchandising for retailers

KEY BENEFITS

- + Integrated door design for maximised product display area
- + New shelf lighting for optimised product visibility
- + Attractive visual quality
- + Space-efficient design
- + High shelf load capacity
- + New unique evaporator design
- + Available in 3M0, 3M1 and 3M2 versions
- + Easy to install, clean and service

MD5

Front height (mm)

300

External length (mm)

1250, 1875, 2500, 3750,
1580, 1780, 1980, 2180

External height (mm)

2055, 2255

External depth (mm)

790, 890, 1090

MD5 eco

Front height (mm)

300

External length (mm)

1250, 1875, 2500, 3750

External height (mm)

2055, 2255

External depth (mm)

790, 890

TectoDeck MD4 Leho

Energy efficiency and modern technology



KEY BENEFITS

- + Reliable and energy saving air curtain
- + Leading energy efficiency
- + Enhanced evaporating temperatures
- + Enhanced lighting of goods
- + Outstanding temperature performance
- + 60 mm insulated framework

Front height (mm)
235

External length (mm)
1250, 1880, 2500, 3750

External height (mm)
2040, 2220

External depth (mm)
1190



TectoDeck MD3 e-Visio



Two multideck cabinets in one

KEY BENEFITS

- + e-ncore technology with patented air curtain
- + Optimised usage of the floor space
- + Maximum product visibility
- + More options for store layout planning
- + 50% faster to install



External length (mm)

1250, 2500

External height (mm)

2010, 2210

External depth (mm)

1460

TectoDeck SV2

Ideal mid-floor solution with improved product visibility.



KEY BENEFITS

- + Excellent product visibility with new roof design
- + Space-efficient bottom evaporator design
- + High-performance open and door cabinet
- + New evaporator design delivering secured performance
- + Unique patented air curtain technology
- + Easier drainage and refrigeration piping installation

Front height (mm)
300

External length (mm)
1250, 1875, 2500, 3750,

External height (mm)
1500, 1650

External depth (mm)
1010

TectoDeckSV1 Inspi

Semi-vertical multideck with
first class product visibility



KEY BENEFITS

- + Easily convertible to fit the space
- + Simpler roof form completes the fresh look
- + Optimised shape of suction grid
- + Removable suction grids for effortless cleaning
- + Low energy fans as an option for efficient energy saving
- + Different cooling systems available
- + Sliding doors available for extra energy saving

Front height (mm)
300, 580

External length (mm)
1250, 1875, 1920, 2120,
2320, 2500, 3750

External height (mm)
1500, 1400

External depth (mm)
1010, 1210

TectoDeck RI4 Leho

Energy efficiency and modern technology



KEY BENEFITS

- + New innovative design with robust front
- + Display area for variety of packaging formats and sizes
- + Excellent product presentation
- + New Viessmann LED lighting for optimal product display
- + Optimised airflow
- + Improved hygiene with antimicrobial powder coating SmartProtec
- + Higher evaporating temperature for keeping delicate produce fresh
- + Fast and easy cleaning

Front height (mm)
235

External length (mm)
2500, 2800

External height (mm)
2040, 2220

External depth (mm)
1190

TectoDeck RI1 Intro



Easy to load and maintain
roll-in multideck



KEY BENEFITS

- + Steady and solid lift up front is easy to handle and lead
- + End panels with plain surfaces and extremely large glasses
- + Wider air channels for improved air circulation
- + Low energy fans as an option for efficient energy saving
- + Different cooling systems available

Front height (mm)
300

External length (mm)
1875, 2500, 3750, 1940,
2910

External height (mm)
2010, 2210, 2250, 2450

External depth (mm)
1110, 1210, 1130



TectoFreeze SV1 Iconic

Create more frozen sales



KEY BENEFITS

- + Higher sales
- + More frozen products without the need for additional space
- + Better product visibility
- + Better ergonomics and user experience
- + More design options for your shop layout

External length (mm)
1875, 2500

External height (mm)
1550

External depth (mm)
1050, 1920

TectoFreeze IS1

Spacious freezer and cooler islands of high quality



KEY BENEFITS

- + Optimised product visibility
- + Large product space
- + Easy re-filling
- + Reliable performance

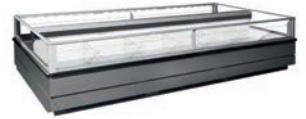
External length (mm)
1875, 2500, 3750

External height (mm)
900

External depth (mm)
1915, 1080

TectoFreeze IS1 Maxim

Reliable islands for chilled and frozen food



KEY BENEFITS

- + Wide variety of models
- + Reliable performance
- + Easy re-filling

External length (mm)

1875, 2500, 3750,
1340, 1740, 2140

External height (mm)

900

External depth (mm)

1115, 1515, 1915, 2315,
1080



TectoFreeze IS2 Freoz

A versatile plug in island for promotions



KEY BENEFITS

- + Natural refrigerant R290 is an environmentally friendly solution
- + Variable speed compressors for improved performance
- + LED lights for improved product visibility
- + Raised base ensure better ergonomics
- + Remote monitoring readiness
- + Reliable island for promotions

External length (mm)
1832, 1872, 2132, 2532

External height (mm)
850

External depth (mm)
700, 900

TectoFreeze VF1 Luxo

High volume freezer line



KEY BENEFITS

- + Great product visibility
- + Optional glass end panels for better product visibility
- + Different cooling systems available
- + Low-energy fans for energy saving
- + LED lights for better internal illumination and energy efficiency
- + Black door frames available as option

External length (mm)
795, 1565, 2345, 3125,
3890

External height (mm)
2010, 2210

External depth (mm)
970

TectoFreeze CF1 Nardo



Freezer cabinets for premium products



KEY BENEFITS

- + Spacious and compact sales space
- + Effective lighting and enhanced product display
- + Different cooling systems available
- + Low energy fans and glass lids as optional energy saving solutions

External length (mm)

1875, 2500, 3750, 1468

External height (mm)

2010, 2210

External depth (mm)

1120*, 1250

* Available in height 2210



TectoServe DC1 Emilie

Front runner for service and space efficiency



KEY BENEFITS

- + More display area compared to traditional counters
- + Efficient use of staff
- + Food display that will increase the sales

External length (mm)

1250, 1875, 2500, 3750

External height (mm)

1230

External depth (mm)

1240

TectoServe SL2

Versatile service line cabinets to fit any store



KEY BENEFITS

- + New ergonomic design
- + A complete range of cabinet models with a unique look
- + Ease of maintenance and cleaning
- + Increased display space

External length (mm)
937, 1250, 1875, 2500,
3750

External height (mm)
900, 1200, 1500, 1750

External depth (mm)
1170

TectoServe SL1 Gusto

Ergonomic and functional
serve-over cabinets



KEY BENEFITS

- + Wide range of display cases, cabinet models and accessories
- + Functional and ergonomic design
- + Ease of maintenance and cleaning
- + Reliability based on years of experience

External length (mm)

1875, 1250, 2500, 3750

External height (mm)

1180, 880

External depth (mm)

1160

TectoPromo MD4 Visio



Superiour product visibility and display

KEY BENEFITS

- + Impressive mass displays
- + Suits every store format
- + Ease of filling and handling



External length (mm)
1410

External height (mm)
1910

External depth (mm)
860

TectoPromo MD3 Deli



Energy efficient impulse cooler for food and beverages

KEY BENEFITS

- + Excellent lighting for exceptional good product visibility
- + Easy to move with castors
- + Several branding, colour and accessory options



External length (mm)
880, 1200

External height (mm)
1750

External depth (mm)
660



TectoPromo MD2 Euromax



One-stop-shopping cabinet to display an extensive product selection



KEY BENEFITS

- + Excellent product temperatures for multiple food categories
- + Wide opening with largest display area on the market
- + Four cabinet models to match any store layout
- + Easy front service access that maximizes productivity and minimizes service costs
- + Energy efficiency, saving costs and helping to protect the environment

External length (mm)
880, 1250, 1925, 2450

External height (mm)
1980 (std), 2030 (castors)

External depth (mm)
880

CONVENIENCE



TectoPromo SV2 Deli

Low height multideck ideal for fast-moving groceries



KEY BENEFITS

- + Excellent lighting for exceptional good product visibility
- + Possibility to create more touch points for customers to increase sales
- + Integral design to combine refrigerated and ambient units
- + Simple and easy installation
- + Many model options for any store concept to optimise the use of floor space
- + Several branding, colour and accessory options

External length (mm)
600, 880, 1200

External height (mm)
1350

External depth (mm)
660



TectoPromo FL2 Aida



Versatile front line display cabinet for bakery products



KEY BENEFITS

- + Versatile with several models from serve-over cabinets to bake off and self service models
- + Fits any store concept with wide range of glazing units
- + Effortless usage for both customers and staff
- + Beautiful styling and lighting present the most delicious looking products
- + Easy maintenance and cleaning
- + Excellent technical performance where a constant temperature is guaranteed, even for the most delicate pastry

External length (mm)
600, 900, 1200

External height (mm)
1300

External depth (mm)
770

TectoPromo IS2 Promoter



Eco-friendly impulse cooler for efficient promotions



KEY BENEFITS

- + Excellent product visibility
- + Great branding possibilities for promotions
- + Castors for easy moving
- + Effortless to keep clean

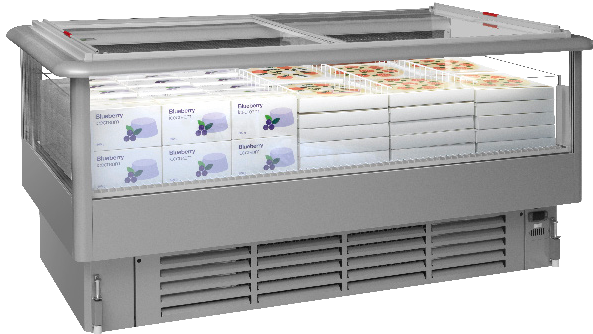
External length (mm)
720

External height (mm)
900

External depth (mm)
450

TectoPromo IS1 Norwell

Impulse island which is flexible for both chilled and frozen food



KEY BENEFITS

- + Lighting on all four sides gives good product visibility
- + Castors for easy moving of the islands
- + Ideal for branding or promotion from all angles
- + Available as a refrigerator, freezer or combination unit
- + Even temperature throughout the unit
- + Glass lids available for energy saving

External length (mm)

1200, 1515, 1910

External height (mm)

915

External depth (mm)

880, 800, 1055



TectoRack S

Energy efficient and ecological
CO2 Power Packs



KEY BENEFITS

- + Very small installation surface – extremely compact
- + Suction line filter for MT (LT on site installation)
- + Liquid line filter drier and sight glass
- + Heat exchanger for flash gas superheating
- + Safety valves mounted and connect together – one blow-off line
- + CE certified

MT up to 45 - 75 kW and
LT up to 0 - 14,5 kW

Up to 3 MT compressors
(one with frequency
inverter)

Up to 2 LT compressors
(optionally one with
frequency inverter)

60 bar medium pressure
receiver, 75 liter

Switchboard included –
completely tested

TectoRack M

Energy efficient and ecological
CO2 Power Packs



KEY BENEFITS

- + Very easy to use (without complicating functions)
- + Compound refrigeration systems with natural refrigerants R744 (CO2)
- + Modular installation of machine and medium pressure station
- + Insulation of all "cold" parts
- + Suction line filter for MT and LT
- + Liquid line filter drier and sight glass
- + LT suction line heat exchanger for superheating

45 - 160 kW MT / 0 - 27
kW LT

Up to 4 MT compressors
(one with frequency
inverter)

Up to 3 LT compressors
(optionally one with
frequency inverter)

60 bar medium pressure
receiver, 105 - 165 liter

Switchboard included –
completely tested

TectoRack L

Energy efficient and ecological
CO2 Power Packs



KEY BENEFITS

- + Interior and exterior installation
- + Flexibly selectable options
- + Modular installation of machine and medium pressure station
- + Medium temperature cooling, low temperature cooling, heat pump, air conditioning feature, parallel compression, ejectors

100 - 290 kW MT / 0 - 60
kW LT

Up to 6 MT compressors
(one with frequency
inverter)

Up to 5 LT compressors
(optionally one with
frequency inverter)

60 bar medium pressure
receiver, 165 - 250 liter

Switchboard included –
completely tested

TectoCell Standard Plus



Perfect ice-cold refrigeration

KEY BENEFITS

- + For temperature ranges from -50 to +60 °C
- + Fully hygienic wall radii
- + High standard of hygiene thanks to the SmartProtect® antimicrobial surfaces
- + Walls hygienically overlap without any joints to prevent the collection of dirt or water
- + Optional easy clean design floor radius providing optimal hygiene



Width (mm)

1500 - 6000

Length (mm)

1200 - 12000

TectoCell Compact



Perfect ice-cold refrigeration



KEY BENEFITS

- + For temperature ranges from -25 to +60 °C
- + Quick and easy installation thanks to the groove/tongue system with self-centring eccentric cams
- + Easy expansion and reassembly thanks to joints that require neither glue nor silicone
- + Viessmann joint-free and continuously underlapped stainless steel floors
- + Non-slip floor grouting in several versions

Width (mm)
1800 - 3600

Length (mm)
1200 - 12000



TectoRefrigo

Use the full refrigerating capacity and save energy



KEY BENEFITS

- + Ceiling mounted units are well suited to areas where space is limited. They require no additional space on the coldroom floor area.
- + Easy to install wall mounted units make the best use of the available space, even with low ceilings.



Ceiling mounted units

Wall mounted units



VIESMANN

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VIESMANN



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Viessmann

The Viessmann Group is one of the leading international manufacturers of heating, industrial and refrigeration systems.

VISSMANN GROUP

Company details

- Established in: 1917
- Employees: 12,100
- Group turnover: € 2.37 billion
- Export share: 56 percent
- 23 manufacturing sites in 12 countries
- Sales companies and representations in 74 countries
- 120 sales offices worldwide

The comprehensive product range from the Viessmann Group for all energy sources and output ranges

- Boilers for oil or gas
- Combined heat and power units
- Heat pumps
- Wood combustion technology
- Biogas production plants
- Biogas upgrading plants
- Solar thermal systems
- Photovoltaic systems
- Accessories
- Refrigeration technology



Viessmann Refrigeration Solutions
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