



Chiller room commercial version,
optional with SilverProtect®



Cold storage the smart way – cost-effective and clearly laid out

In modern cold storage in trade and the household, optimum cooling of the storage room is essential. However, cellar rooms in houses with central heating are no longer suitable for storing foodstuffs as a result of the methods used in housing construction. Perishable foodstuffs, i.e. fruit and vegetables, require mild cooling and high humidity to remain crisp, fresh and rich in vitamins. On the other hand wines require storage at a moderate temperature, in darkness and at low humidity, to allow them to unfold their taste and bouquet without mould forming on the cork. These are requirements successfully met by the comfortable walk-in Viessmann chiller rooms! Viessmann refrigeration units, as an ideal addition to chiller rooms, are equipped with a switch for selecting higher or lower relative humidity – a

great advantage compared to conventional refrigerators! In this way, for instance, salad and vegetables can be kept fresh and aromatic in the chiller room for up to a week, cheese does not dry out and fruit stays juicy and tasty. No matter whether you are storing foodstuffs, barrels, wine, game or pharmaceutical products, Viessmann chiller rooms offer the best solutions with ideal temperature conditions and efficient storage volumes! A large number of standard sizes with variable widths and depths ensure that all the requirements for any application are fulfilled. Even the smallest version with a 1.08 m² base surface, a height of 1.95 m and approx. 1540 litres volume content has sufficient space to store your foodstuffs in a way that makes them clearly visible and quick to locate.

- For temperature ranges from +3 to +19°C
- 60 mm thick, FCKW-free insulation
- Fully hygienic stainless steel floor
- Defined assembly quality and easy extension due to groove and tongue system with selfcentring eccentric cam locks
- Numerous standard sizes available directly from stock

Perfect chiller rooms for almost all room situations



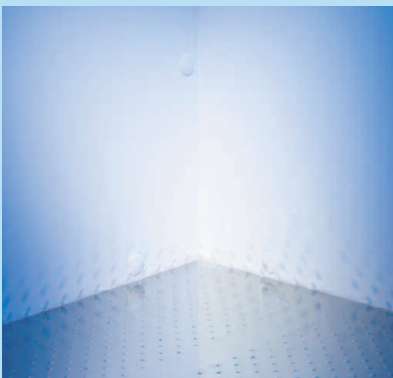
Chiller room standard version
with optional accessories hanging baskets and Rega Stabio

Optimal suitability for private and trade applications

Whatever you want to keep fresh at a defined coolness: Viessmann chiller rooms set new standards for storage in private households, gastronomy, foodstuffs trade, florist trade, drug stores or chemists.

Well thought out to the last detail!

Viessmann panels are conceived accurately to fit due to a groove and tongue system with protected eccentric cam locks. This well thought out modular type of construction gives the rooms perfect insulation, preventing heat bridges and condensation. The cover



Floor/wall connection

layers of our sandwich panels consist of hot-galvanized steel sheet, which is enamelled with an environmentally friendly powder coating procedure at 180°C in our factory. This is done in such a way that the cut edges are also sealed with an average layer thickness of 70 µm. Additionally to the Viessmann standard powder coating in white (similar to RAL 9016), finishes in austenitic stainless steel 1.4301 with different surface finishes are also available on request.

SilverProtec® surfaces with antimicrobial hygiene protection

The new type of powder coating **SilverProtec®** offers an active and long-lasting protection against micro-organisms. **SilverProtec®** is effective in three ways due to the deliberate release of silver ions: it blocks the cell metabolism, prevents cell breathing, stops cell division and causes the death of micro-organisms when they come in contact with the surface. The starting concentrations of known test organisms, such as salmonella enteritidis or escherichia coli, feared in gastronomy, are reduced by 100% or 5 log-steps with **SilverProtec®**, which is equivalent to a safe disinfection. Viessmann chiller rooms with **SilverProtec®** as an option prevent the

Advantages at a glance:

- German proprietary quality with excellent workmanship
- Effective economy
- Short delivery times due to extensive stock holding
- Constant operating safety
- Defined assembly quality and easy extension due to groove and tongue system with selfcentring eccentric cam locks
- Perfectly matched system engineering with Viessmann refrigeration units
- Flexible solutions for individual demands

transfer and spread of potentially dangerous bacteria in a natural way. And of course they meet the relevant standards and regulations for application in the foodstuffs area, thus offering an absolutely safe environment for the storage of foodstuffs and other perishable goods.

Polyurethane hard foam

Viessmann chiller rooms are effectively insulated using a 60 mm thick insulation core made from cyclopentane foamed polyurethane. As a result of this FCKW-free manufacturing process and our consistent refusal to use any environmentally damaging solvents, we maintain our claim of permanently protecting the environment.

Diverse sizes

Numerous sizes with a height of 195 cm, widths of 120 to 240 cm and depths of 90 to 240 cm with our chiller rooms standard version and widths of 150 to 300 cm and depths of 120 to 600 cm with the commercial versions - in each case in the optimised Viessmann 30 cm grid – enable flexible installation suitable to each of your room conditions.

Efficient functionality with convincing advantages

Performance overview	Chiller room standard/commercial
Specification	
Wall thickness in mm	60
Temperature ranges (ambient temperature +25°C)	+3°C bis +19°C
K-value = W/m ² K (Kelvin)	0,34
Material classification	B3 according to DIN 4102
Clear openings of the door (width x height in mm)	600 x 1830 750 x 1830* (*commercial only)

Equipment overview	chiller room standard	chiller room commercial
Specification		
Light switch with control lamp	■	■
Thermometer	■	■
Damp room lamp 60 W	■	■
Pressure release valve	-	■
Magnetic sealing frame	■	■
Reversible door leaf (DIN right/left) with light metal fittings	■	-
Door leaf with heavy metal fittings	-	■
Possible as dual compartment	-	■
Available without floor	-	■
Slots for hanging in the shelves (only 900 x 1200 mm-version)	■	-
Hanging baskets	□	-
Ramp	-	□
SilverProtect® surface	□	□

■ included □ optional - not available



Groove and tongue system

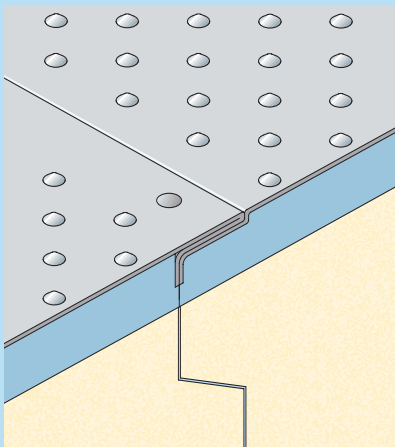


Chiller room standard version with optional accessories hanging baskets and Rega Stabio (hung)

Floor panels made from stainless steel

Due to the patented design of Viessmann floors made of stainless steel 1.4301, our chiller rooms meet highest hygiene requirements.

Viessmann stainless steel floors are finished joint free, stepless and seamlessly underlapped, and with threshold flush with the floor. The heat insulated Viessmann KE11 stainless steel floor offers a decisive plus in safety with its specific cone pressing with multidirectional anti-slip (certified) and the admissible wheel load of 100 kp!



Stainless steel floor, cone pressed

Coldroom doors

Viessmann chiller rooms are equipped with supported, single hinged coldroom doors, opening to the outside, with rising door hinges for easy opening/closing. The typical Viessmann magnetic sealing frames offer secure locking for protection against energy loss, even with doors which are no longer perfectly adjusted after years of use. The highly elastic magnetic sealing frame can be exchanged without tools and is easy to clean. A locking device with cylinder lock and emergency opener for opening the locked door from the inside, ensure maximum safety and functionality.



Magnetic sealing frame

Simple and quick assembly

Viessmann chiller rooms combine best functionality with highest assembly comfort! The true-to-measure foaming of the panels and the clever connection with the groove and tongue system with selfcentring eccentric cam locks enables a simple do-it-yourself assembly on site. On request, our cold-engineering experts will support you extensively during planning, installation and maintenance of your Viessmann chiller room.



Simple assembly of the panels

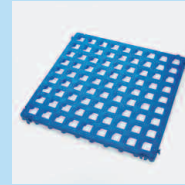
Viessmann accessories programme for chiller rooms



Wall hanging refrigeration unit with T-regulation



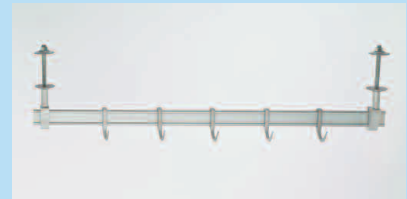
Shelving system Rega Almo



Plastic floor grid



Ramp



Meat and sausage hanging rail for ceiling mounting

Viessmann refrigeration units

Due to the company owned fabrication of refrigeration units we are able to offer an ideal system supplement to our chiller rooms.

Viessmann refrigeration units and their function are especially adapted to the coldrooms and can be mounted without a great deal of time or effort. No matter whether wall-hanging, split or ceiling-mounted units with electronic or thermostatic control are used: Viessmann refrigeration units convince not only through ready-to-plug-in commissioning but also through above average cold output. These units can be ideally combined with electric heating and/or moisturing in order to be able to create a controlled atmosphere in the chiller room.

You will find more detailed information in our product data sheet:

„**Refrigeration units**“.

Viessmann shelving systems

We not only achieve the well-known Viessmann quality in the development of the most modern cold engineering but also in the precise design of functional shelving systems.

The stable Stabio-shelving system offers the highest load-bearing capacity thanks to its excellent stainless steel material quality and can be easily cleaned thanks to its smooth surfaces. The intrinsically stable Almo-shelving system proves itself through its lightweight aluminium quality, especially for cooling goods of medium weights.

You will find more detailed information in our product data sheet:

„**Shelving systems**“.

Viessmann accessories range

An extensive array of useful accessories complements the Viessmann chiller room range and the equipment in your coldroom can be adapted to your individual requirements. Diverse equipment options such as ramps (only with commercial version), hanging baskets, bumper rail, beer storage equipment and much more ensure optimum utilisation.

You will find more detailed information on our accessories range in our current Viessmann price list.