

Biomedical



REFRIGERATORS & FREEZERS FOR BIOMEDICAL NEEDS

VESTFROST
SOLUTIONS



SOLUTIONS FOR DEMANDING NEEDS
RELIABLE . USER-FRIENDLY . ECO-FRIENDLY

Reliable Biomedical Solutions

Vestfrost Biomedical Solutions is reliable and user-friendly refrigeration and freezing equipment specifically designed for hospitals, health clinics, blood banks, universities, laboratories and pharmacies.

Serving global needs and requirements

From the small health clinic in the village with no electricity to the high-tech hospital in the metropolitan; Vestfrost Biomedical Solutions serve global needs and requirements of the entire health sector. Our product line consists of intelligent solutions covering temperatures from +20°C to -86°C.



Reliable and accurate storage

Accurate and reliable storage is vital to secure efficacy of vaccines and medicine. Benefitting from more than 50 years experience, we have gained vast expertise to develop Biomedical refrigerators and freezers with uncompromised focus on safe operation and reliable temperatures.



Trademark features benefitting users and environment

Our energy saving Biomedical refrigerators and freezers are designed to be long-term investments that include Vestfrost Solutions' renowned quality, functional design, ease of operation and maintenance. These features are beneficial to the environment and the people using our products.



Premium -86°C Ultra Low Temp. Freezer

Exclusive new model with added features

The VTS series offers a rare combination of streamlined and space-saving design with large capacity and state-of-the-art technology.

The ultra low temperature cabinet is designed for long term storage of sensitive articles such as research samples, chemicals, and viruses where contents must remain changeless. Among many useful features, the VTS freezer is equipped with an ergonomic full-door handle for better grip and energy saving LED lighting for clear viewing of stored contents.

Large control panel

The large display and Dixell NG+ controller provides an easy view of the current cabinet temperature. View temperature history with the illustrative graph chart, which can be generated on the screen. Temperature data can be downloaded with the USB data logging system. In case of power failure, the battery back-up system will notify about temperature fluctuations up to 48 hours.



VTS SERIES



USB data collection point

Data of temperature history can be downloaded via the built-in USB port. This serves as an added safety feature when the freezer is left unattended for longer periods. Equally, it is useful for reporting statistics that validate correct storage temperature over longer periods. An integrated lock is placed below the USB port.



Castors

The tall and streamlined design makes the freezer fit easily into any room and setup. Mobility is, in addition, enhanced by the castors, which make positioning and re-positioning effortless.



Internal doors and shelves

When the freezer is opened, the two internal doors assist in upholding stable cabinet temperature. The 5 adjustable shelves behind the internal doors offer improved storage flexibility. Inner doors are secured with a door lock and compartments are designed for optimal storage of racks.

	VTS 254	VTS 256	VTS 258
Capacity (gross/storage), litres	253/219	253/219	253/219
Height/width/depth, mm	2055/600/643	2055/600/643	2055/600/643
Temperature range (20°C AMB)	-10°C to -45°C	-30°C to -60°C	-60°C to -86°C
Refrigerant	Nature R	Nature R	Nature R
Certifications	CB, CE & EMC	CB, CE & EMC	CB, CE, EMC
No. of inner lids	2	2	2

Single-compressor -86°C Ultra Low Temp. Freezer

Designed for demanding storage requirements

The VT ultra low temperature chest freezers are specifically designed for long term storage of sensitive items such as research samples, chemicals, and viruses where contents must remain changeless at temperatures as low as -86°C.

Performance is enhanced with natural refrigerants and unique single-compressor system as opposed to typical market standards of cascade systems. The ultra low temperature freezers are specifically targeted hospitals, research institutes and laboratories with demanding storage requirements.

Temperature stability and precision

Powerful cyclopentane insulation ensures optimal temperature stability and precision. The actual temperature is viewed on the digital XR30CX controller with display, which is pre-programmed from factory. Parameters can be reset with hot key.



VT 408



Suitable for rack systems

The VT freezer is suitable for rack systems and provides room for multiple racks.



Castors

The VT freezer is equipped with castors and can easily be repositioned as required (included on VT 208/308/408).



Lock

An integrated lock in the solid handle prevents unauthorized access to the low temperature freezer when it is left unattended.

	VT 78	VT 208	VT 308	VT 408
Capacity (gross/storage), litres	74/71	198/189	296/284	383/368
Height/width/depth, mm	895/600/645	885/920/695	885/1260/695	885/1560/695
Temperature range (20°C AMB)	-60°C to -86°C	-60°C to -86°C	-60°C to -86°C	-60°C to -86°C
Power consumption (20°C AMB) per 24 hrs, kWh	6.00	7.40	8.50	10.20
Refrigerant	Nature R	Nature R	Nature R	Nature R
No. of inner lids	1	2	3	4

-60°C Low Temp. Freezer

Designed to endure

The user-friendly VT low temperature freezers create perfect conditions to maintain temperatures as low as -60°C. With its high temperature precision, the VT series is a good match for laboratories, hospitals and research institutes. It may also be used for storage of ingredients.

Eco-friendly solution with low running costs

VT-60°C low temperature freezers are designed with Vestfrost Solutions' own natural refrigerant mix: Nature R. Additionally, the chest freezers are constructed with recyclable materials and feature efficient cyclopentane insulation; all-in-all forming one of the market's more sustainable solutions with low power consumption.



VT 307



Display

Temperature is controlled with the digital XR30CX controller with display. The controller is pre-programmed from factory. Parameters can be reset with hot key.

-45°C Low Temp. Freezer

Designed for demanding use

Easy to use and easy to clean; the reliable VT series is specially designed for demanding use at laboratories, hospitals and research institutes. These VT low temperature freezers create perfect conditions to maintain temperatures as low as -45°C.

Chest series with practical benefits

Product lifetime is prolonged thanks to the VT low temperature freezer's solid and sturdy design. Unit cost compared to storage volume is nearly impossible to match by other alternatives, which makes the chest freezers a sound economic investment. Among several features, the VT-45°C freezers have acoustic and visual alarm, and optional battery backup for temperature display.



VT 546



Lock

An integrated lock in the solid handle prevents unauthorized access to the low temperature freezer when it is left unattended.

	VT 75	VT 147	VT 307	VT 407	VT 547
Capacity (gross/storage), litres	74/71	140/133	296/284	383/368	495/476
Height/width/depth, mm	895/600/645	885/720/695	885/1260/695	885/1560/695	890/1660/758
Temperature range (25°C AMB)	-30°C to -60°C	-30°C to -60°C	-30°C to -60°C	-30°C to -60°C	-30°C to -60°C
Power consumption (25°C AMB) per 24 hrs, kWh	4.00	4.20	7.20	9.20	7.20
Refrigerant	Nature R	Nature R	Nature R	Nature R	Nature R
No. of baskets	1	1	3	4	3

	VT 146	VT 306	VT 406	VT 546
Capacity (gross/storage), litres	140/133	296/284	383/368	495/476
Height/width/depth, mm.	885/720/695	885/1260/695	885/1560/695	890/1660/758
Temperature range (25°C AMB)	-10°C to -45°C	-10°C to -45°C	-10°C to -45°C	-10°C to -45°C
Power consumption (25°C AMB) per 24 hrs, kWh	3.50	5.30	5.80	6.50
Refrigerant	R404a	R404a	R404a	R404a
No. of baskets	1	1	1	3

Premium Pharmacy Refrigerator

Exclusive new model with added features

AKG 427E offers a rare combination of streamlined and space-saving design with large capacity and state-of-the-art technology.

With reliable temperatures in the needed range from +2°C to +8°C the exclusive AKG 427E is developed for safe storage of medicine in pharmacies, laboratories and hospitals. Among many useful features, AKG 427E is equipped with an ergonomic full-door handle for better grip and energy saving LED lighting for clear viewing of stored contents.

Large control panel

The large display and Dixell NG+ controller provides an easy view of the current cabinet temperature. View temperature history with the illustrative graph chart, which can be generated on the screen. Temperature data can be downloaded with the USB data logging system. In case of power failure, the included battery back-up system will notify about temperature fluctuations up to 48 hours.



AKG 427E



USB data collection point

Data of temperature history can be downloaded via the built-in USB port. This serves as an added safety feature when the refrigerator is left unattended for longer periods. Equally, it is useful for reporting statistics that validate correct storage temperature over longer periods. An integrated lock is placed below the USB port.



Castors

The tall and streamlined design makes the refrigerator fit easily into any room and setup. Mobility is, in addition, enhanced by the castors, which makes positioning and re-positioning effortless.



Adjustable drawers

The extractible drawers inside the cabinet include partitions for rational storage of medicine.

	AKG 427E
Capacity (gross/storage), litres	356/291
Height/width/depth, mm	2055/600/643
Temperature range	+2°C to +8°C
Refrigerant	R600a
Certifications	CB, CE & EMC

Reliable Pharmacy Refrigerators

Stable operation – easy to use

The AKG series of reliable pharmacy refrigerators is developed for safe storage of medicine in pharmacies, laboratories and hospitals.

The temperature can be set from +2°C to +8°C and is maintained at all times with the integrated total electronic temperature control.

Electronic temperature display

The external control panel features a digital display showing current cabinet temperature. In case the cabinet door is left opened for longer periods – eventually causing unwanted temperature changes – a visual and acoustic alarm will appear. The built-in dry contact enables connection to an external alarm.



AKG 377



Top light

An integrated top light facilitates good visibility of stored contents. Also available with energy-efficient LED lighting.



Adjustable wire shelves

As a standard, the AKG pharmacy refrigerator is equipped with functional wire shelves. The glass door is reversible to suit any arrangement.



Extractable drawers

The optional extractable drawers are adjustable for height and removable, if needed. Partitions are included to secure organized storage of medicine.

	AKG 317	AKG 377
Capacity (gross/storage), litres	306/281	377/351
Height/width/depth, mm	1560/600/595	1860/600/595
Temperature range	+2°C to +8°C	+2°C to +8°C
Power consumption (stable running, 20°C AMB) per 24 hrs, kWh	3.52	3.52
Refrigerant	R600a	R600a
No. of wire shelves	4	5

Premium Safe Chill Refrigerator

Exclusive new model with added features

SC 290 offers a rare combination of streamlined and space-saving design with large capacity and state-of-the-art technology.

The specially designed Safe Chill refrigerator SC 290 is made for reliable and precise storage of blood bags. SC 290, which stores up to 126 blood bags, is an exclusive cabinet designed for blood banks and hospitals where quality and design matters. Among many useful features SC 290 is equipped with an ergonomic full-door handle for better grip and energy saving LED lighting for clear viewing of stored blood bags.

Large control panel

The large display and Dixell NG+ controller provides an easy view of the current cabinet temperature. View temperature history with the illustrative graph chart, which can be generated on the screen. Temperature data can be downloaded with the USB data logging system. In case of power failure, the battery back-up system will notify about temperature fluctuations up to 48 hours.



SC 290



USB data collection point

Data of temperature history can be downloaded via the built-in USB port. This serves as an added safety feature when the refrigerator is left unattended for longer periods. Equally, it is useful for reporting statistics that validate correct storage temperature over longer periods. An integrated lock is placed below the USB port.



Castors

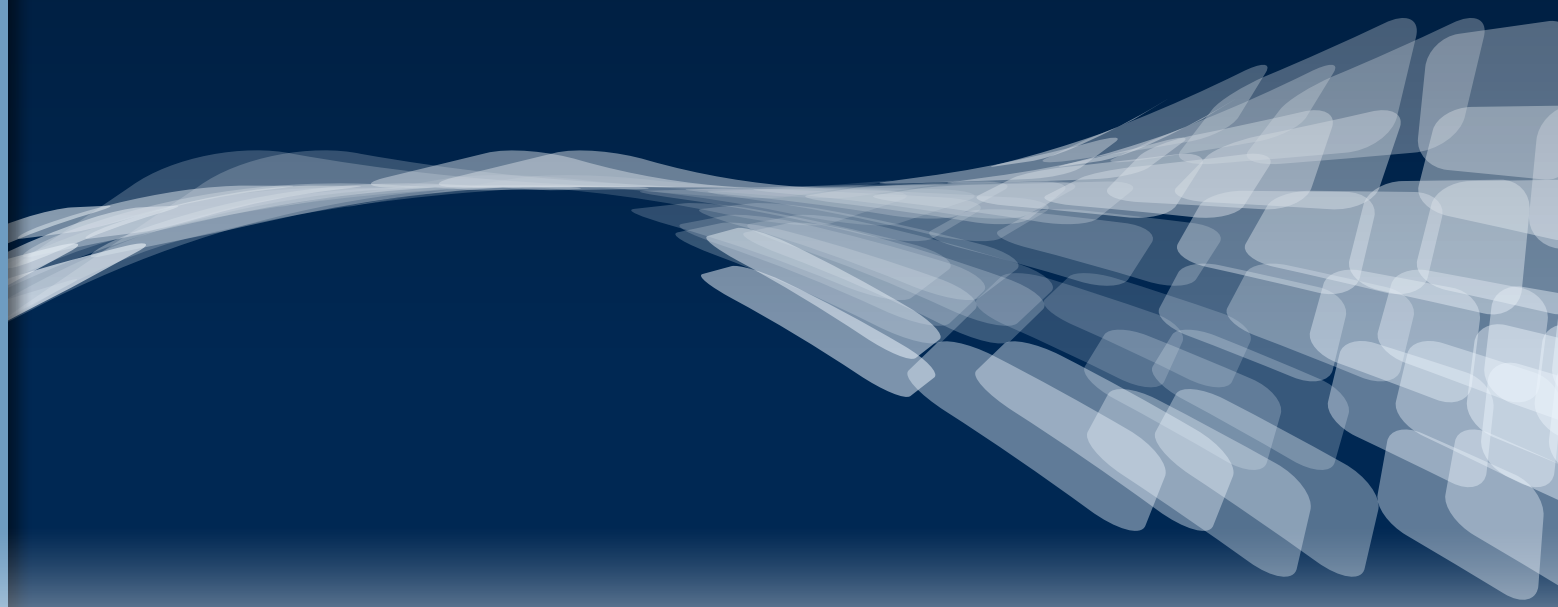
The tall and streamlined design makes the blood bank refrigerator fit easily into any room and setup. Mobility is, in addition, enhanced by the castors, which makes positioning and re-positioning effortless.



Adjustable drawers

The extractable drawers inside the cabinet include partitions for rational storage of blood bags, which can be positioned lying or standing.

	SC 290
Capacity (gross/storage), litres	356/198
Storage capacity, no. of blood bags	126
Height/width/depth, mm	2055/600/643
Temperature range	+4°C
Refrigerant	R600a
Certifications	CB, CE & EMC



Biomedical

Solutions for Demanding Biomedical Needs

Vestfrost Solutions Biomedical refrigerators and freezers are designed and produced for global demanding requirements of the health sector, where temperatures must be reliable and precise at all times.

The continuously expanding product line is based on extensive research and thoroughly tested technology; all products honoring the highest requirements in terms of safety, quality and usability.

Cool Experts for half a Century

A/S Vestfrost has developed and produced refrigerators and freezers since 1963. Today, product development, production and sales are focusing on solutions that meet specific business needs. Product

line and sales are targeting 3 diverse market segments: Biomedical, Food & Wine, and Merchandising. For more information about us, please visit our website: www.vestfrostsolutions.com

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