

# PRODUCT VT 78

## -86°C ULTRA LOW TEMPERATURE FREEZER

The VT low temperature freezers creates the possibility to maintain temperatures as low as -86°C. Supreme stability, reliability, user-friendliness and ease of cleaning make these freezers an ideal solution for laboratories and hospitals. Nature R refrigerant, cyclopentane insulation combined with recyclable materials make the freezers extremely eco-friendly.

### SPECIFICATIONS

Temperature Range, °C	-65 to-86
Uniformity in performance, °C	5,2
Refrigerant	Nature R
Number of probes	1
Type of freezing	Static
Defrost	No
Internal air distribution	No
Number of compressors	1
Safety thermostat	No
Noise, dBA	55
Energy consumption, kWh/24h	5,1
Voltage, V	220-240
Frequency, Hz	50/60
Plug type	Schuko
Gross volume, litres (cu. ft.)	74 (2,61)
Net volume, litres (cu. ft.)	71(2,5)
Inner Height, mm (inches)	466 (18,34)
Inner Width, mm (inches)	387 (15,23)
Inner Depth, mm (inches)	387 (15,23)
Certifications/Standards	UL (optional)



### FEATURES

Lock	Yes
LED light	No
Porthole	Yes
Contact for remote alarm	Yes
Castors	No
Doors	Solid
Door closure	No
Inner Doors / Lids	1

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.



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**VESTFROST**  
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**A/S Vestfrost**  
Falkevej 12  
DK-6705 Esbjerg Ø  
www.vestfrostolutions.com

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### STORAGE

Baskets	No
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### OPTIONALS

Chart recorder	No
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### CONTROLLER

Controller type	XR30CX
USB Connection	No
Data connection	No
Controller languages	3 digits
Logs	No
High/Low temperature alarm	Yes
Open door alarm	No
Power Failure alarm	Yes
Probe failure alarm	Yes
Temperature curve in controller	No

### DIMENSIONS AND CONSTRUCTION

Height, mm (inches)	870 (34,25)
Width, mm (inches)	555 (21,85)
Depth, mm (inches)	555 (21,85)
Depth incl. doorhandle, mm (inches)	639 (25,16)
Gross weight, kg (lbs)	49,6 (109,35)
Net weight, kg (lbs)	44,6 (98,33)
Material inner cabinet	Prepainted steel
Material outer Cabinet	Prepainted steel
Insulation thickness	80 mm
Insulation type	Polyurethane with cyclopentane
Type of packaging	Wooden box

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# DETAILS

## VT 78 -86°C ULTRA LOW TEMPERATURE FREEZER

- Designed and manufactured by A/S Vestfrost in Denmark
- Unit optimized for optimal footprint

### ENVIRONMENT

- Eco-friendly, HCFC-free Nature R refrigerant
- Efficient cyclopentane insulation
- Low energy consumption

### FEATURES

- Digital XR30CX controller with display
- 48 hours battery backup
- Porthole for external monitoring systems
- PT1000 internal temperature measuring probe
- Integrated lock to prevent unauthorized access
- High/low temperature alarm

### QUALITY

- User-friendly and maintenance-free
- Single compressor system
- Suitable for rack systems
- UL certified (optional)



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