

# PRODUCT

## VT 306 -45°C LOW TEMP. FREEZERS

The VT low temperature freezers provides the possibility to maintain temperatures as low as -45°C. Supreme stability, reliability, user-friendliness and ease of cleaning makes the VT LT freezers an ideal solution for laboratories and hospitals.

R404a refrigerant, cyclopentane insulation combined with recyclable materials, ensures that the freezers are extremely eco-friendly.

### SPECIFICATIONS

Gross volume, litres (cu. ft.)	296 (10.5)
Internal storage capacity, litres (cu. ft.)	284 (10.0)
Temperature range (16°C-30°C AMB)	-10°C to -45°C
Temperature probes	1
Compressor	Secop
Refrigerant	R404a
Noise level, dB	55
Power consumption, kWh / 24h	5.3
Power consumption, kWh / year	1.935
Voltage, V	220-240
Frequency, Hz	50/60



### FEATURES

Castors	YES
No. of baskets	1
Defrost	Manual
Battery Backup	NO
USB	NO
Alarm connection	NO/NC
Digital controller	XR30CX
Data logging, # logs	NO
Analogue chart recorder	NO
Max no. of standard vials, pcs.	17.496
Plasma bag capacity, pcs. (450 ml)	200-210

### DIMENSIONS

Height, mm (inches)	850 (33.5)
Height w. castors, mm (inches)	890 (35.1)
Width, mm (inches)	1.260 (49.6)
Depth, mm (inches)	695 (27.4)
Gross weight, kg (lbs)	82 (181)
Net weight, kg (lbs)	76 (168)

### LOADING QUANTITIES

Qty. per 20' / 40' container	24 / 54
Qty. per truck (EU standard)	60

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



BIOMEDICAL SOLUTIONS

**VESTFROST**  
SOLUTIONS

A/S Vestfrost  
Falkevej 12  
DK-6705 Esbjerg Ø  
www.vestfrostsolutions.com

# DETAILS

## VT 306 -45°C LOW TEMP. FREEZERS

- State-of-the-art unit designed and manufactured by A/S Vestfrost in Denmark
- Unit optimized for optimal footprint

### ENVIRONMENT

- Eco-friendly R404a refrigerant
- Efficient cyclopentane insulation
- Low energy consumption

### FEATURES

- Digital XR30CX controller with display
- Prepared for external logging equipment
- PTC internal temperature measuring probe
- Top-quality castors for explicit movability
- Integrated lock to prevent unauthorized access
- High/low temperature alarm

### QUALITY

- User-friendly and maintenance-free
- Single compressor system
- Suitable for rack systems
- ISO 9001, 14001 & 18001 OHSAS Certified



**SAFETY** first, and therefore the VT units are all equipped with integrated locks, and alarms.



**PRECISION** digital XR30CX controller with display, which is pre-programmed from factory.



**TOP-QUALITY** castors eases repositioning of the VT line units (Optional on some VT units).

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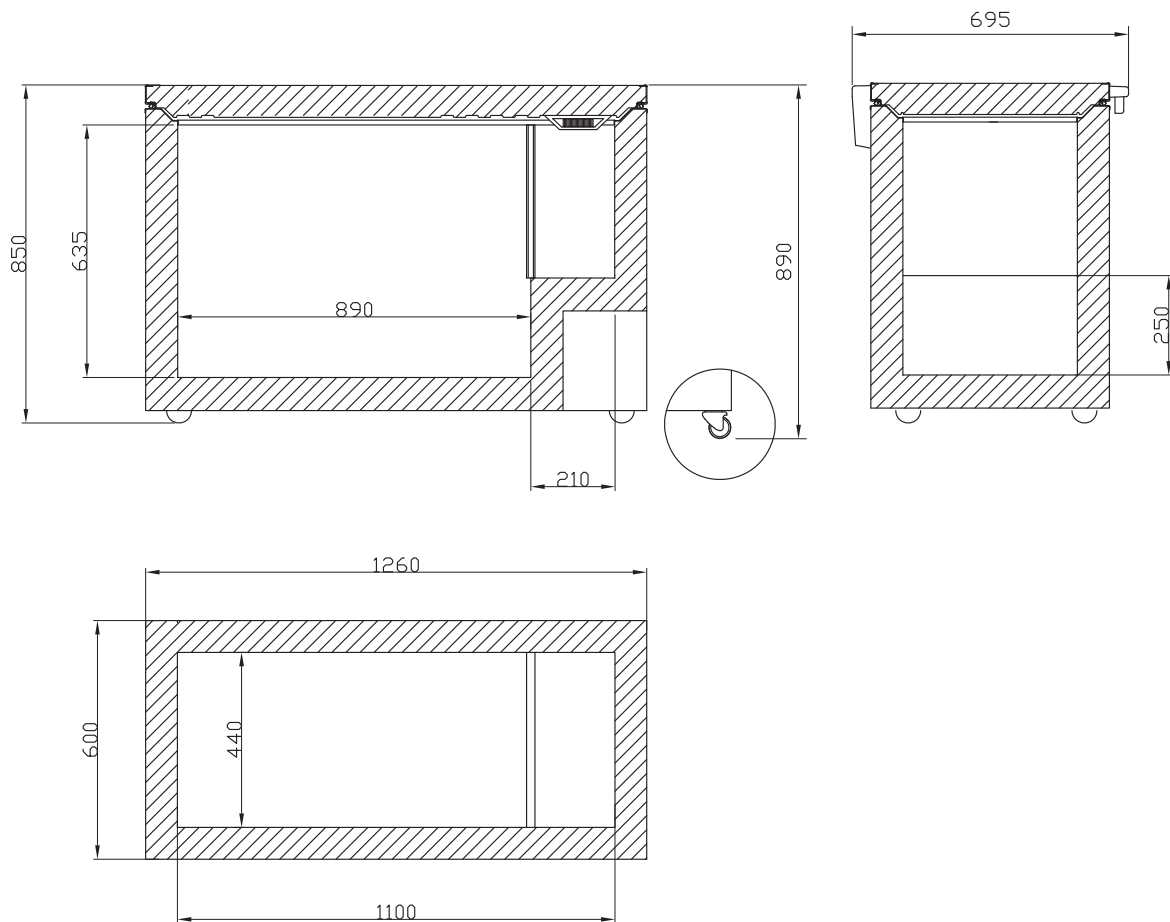
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# DIMENSIONS

## VT 306 -45°C LOW TEMP. FREEZER



### DIMENSIONS

Height, mm (inches)	850 (33,46)
Height w. castors, mm (inches)	890 (35,04)
Width, mm (inches)	1.260 (49,61)
Depth, mm (inches)	695 (27,36)
Gross weight, kg (lbs)	82 (181)

All measurements in mm

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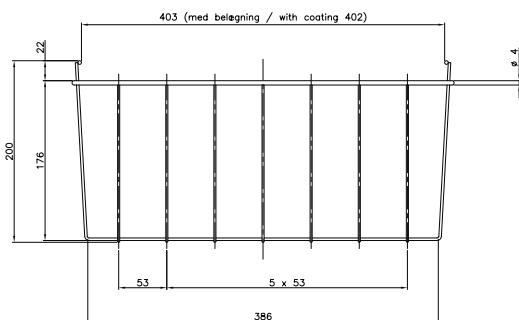
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# DIMENSIONS

## VT 306 -45°C LOW TEMP. FREEZER



### INTERNAL DIMENSIONS

Height, mm (inches)	635 (25)
Width, mm (inches)	1.100 (43,31)
Depth, mm (inches)	440 (17,32)
Insulation, mm	80
Insulation type	PUR
Innerliner material	Coated steel
Max. AMB humidity, %	70
Internal humidity, %	<5

### LOADING CAPACITY

Maximum load, kg (lbs)	200 (440)
Max no. of standard vials, pcs.	17.496
Max loading in baskets, kg (lbs)	168 (370)

### UNIT FEATURES

Porthole for external probe, mm Ø	12
Castors (with brakes)	4 (0)
Inner lids	0
Lid vacuum release	N/A

### BASKET FEATURES

Basket material	Coated steel
Basket type	Medium
Quantity	1
Maximum basket load, kg (lbs)	13,97 (30,80)
Weight, kg (lbs)	0,390 (0,86)

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