

# PRODUCT

## VT 147 -60°C LOW TEMP. FREEZERS

The VT low temperature freezers provides the possibility to maintain temperatures as low as -60°C. Supreme stability, reliability, user-friendliness and ease of cleaning makes the VT LT freezers an ideal solution for laboratories and hospitals.

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

### SPECIFICATIONS

Gross volume, litres (cu. ft.)	140 (4.9)
Internal storage capacity, litres (cu. ft.)	133 (4.7)
Temperature range (16°C-30°C AMB)	-30°C to -60°C
Temperature probes	1
Compressor	Embraco
Refrigerant	Nature R
Noise level, dB	55
Power consumption, kWh / 24h	3,5
Power consumption, kWh / year	1.278
Voltage, V	220-240
Frequency, Hz	50



### 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.	6.804

### DIMENSIONS

Height, mm (inches)	850 (33.5)
Height w. castors, mm (inches)	890 (35.1)
Width, mm (inches)	720 (28.3)
Depth, mm (inches)	695 (27.4)
Gross weight, kg (lbs)	59 (130)
Net weight, kg (lbs)	55 (121)

### LOADING QUANTITIES

Qty. per 20' / 40' container	46 / 92
Qty. per truck (EU standard)	114



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

# DETAILS

## VT 147 -60°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, HCFC-free Nature R refrigerant
- Efficient cyclopentane insulation
- Low energy consumption

### FEATURES

- Digital XR30CX controller with display
- Prepared for external logging equipment
- PT1000 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).



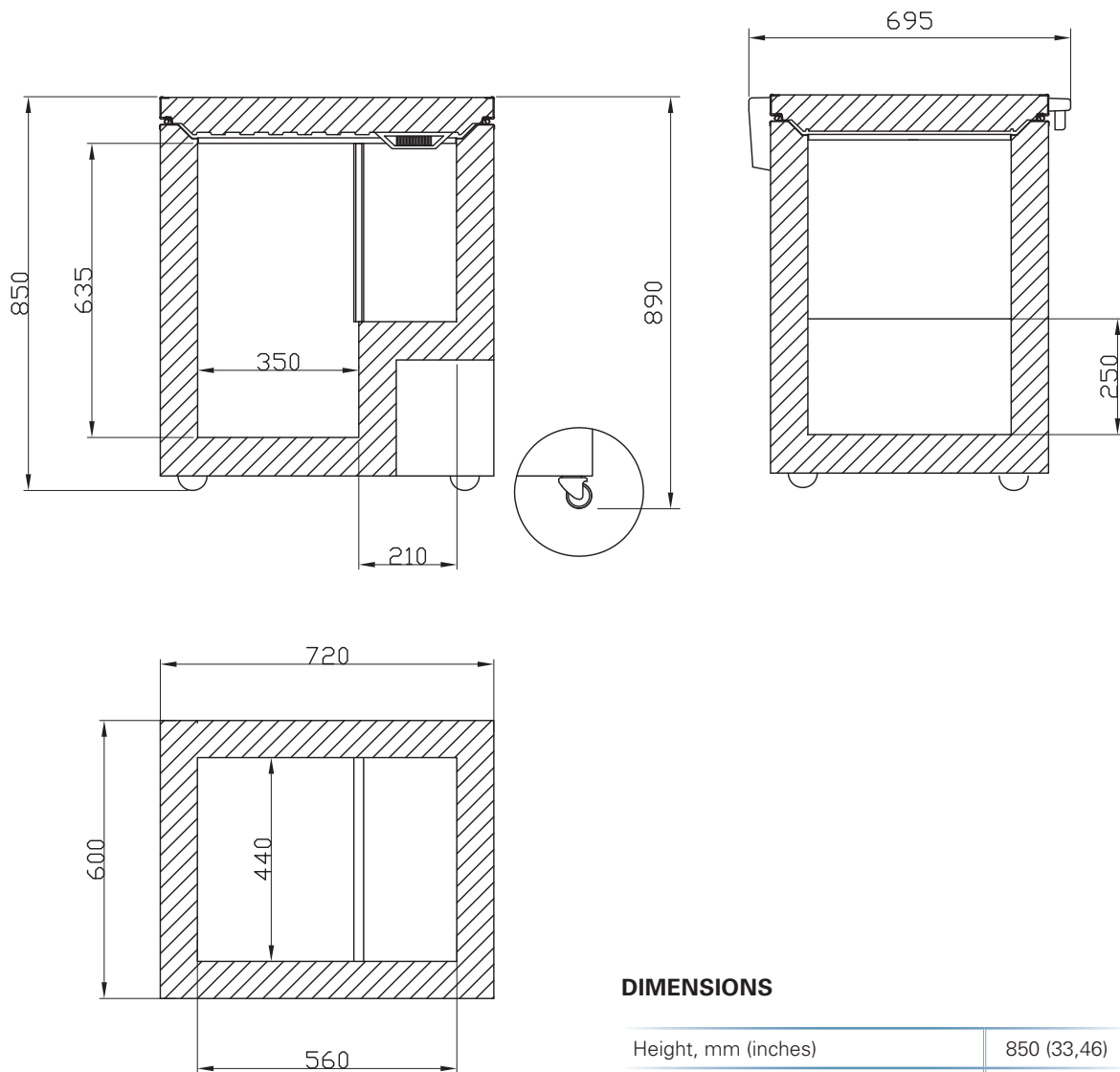
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# DIMENSIONS

## VT 147 -60°C LOW TEMP. FREEZER



All measurements in mm

### DIMENSIONS

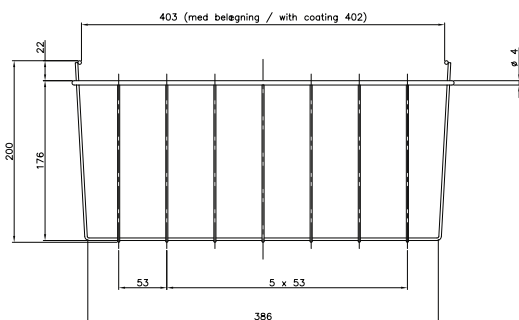
Height, mm (inches)	850 (33,46)
Height w. castors, mm (inches)	890 (35,04)
Width, mm (inches)	720 (28,35)
Depth, mm (inches)	600 (600)
Gross weight, kg (lbs)	59 (130)

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# DIMENSIONS

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### INTERNAL DIMENSIONS

Height, mm (inches)	635 (25)
Width, mm (inches)	560 (22,05)
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

Max loading, kg (lbs)	106 (233)
Max no. of standard vials, pcs.	6.804
Max loading in baskets, kg (lbs)	42 (93)

### 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)	14,50 (31,96)
Weight, kg (lbs)	0,390 (0,86)

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# RACKS

## VT 147 -60°C LOW TEMP. FREEZERS

### STORAGE CAPACITY: RACKS FOR 50 MM BOXES

VF Product no.	No. of boxes	No. of racks	Total no. of boxes
VF311200	6	3	18
VF311220	11	6	66
<b>Total, ex dividers</b>			<b>84</b>



### STORAGE CAPACITY: RACKS FOR 50 MM BOXES (INCL. DIVIDERS)

VF Product no.	No. of boxes	No. of racks	Total no. of boxes
VF312200	6	3	18
VF312220	11	6	66
<b>Total, vials</b>			<b>6.804</b>



### STORAGE CAPACITY: RACKS FOR 75 MM BOXES

VF Product no.	No. of boxes	No. of racks	Total no. of boxes
VF311300	4	3	12
VF311320	8	6	48
<b>Total, ex dividers</b>			<b>60</b>



### STORAGE CAPACITY: RACKS FOR 75 MM BOXES (INCL. DIVIDERS)

VF Product no.	No. of boxes	No. of racks	Total no. of boxes
VF312300	4	3	12
VF312320	8	6	48
<b>Total, vials</b>			<b>4.860</b>



### STORAGE CAPACITY: RACKS FOR 100 MM BOXES

VF Product no.	No. of boxes	No. of racks	Total no. of boxes
VF311400	3	3	9
VF311420	5	6	30
<b>Total, ex dividers</b>			<b>39</b>



### STORAGE CAPACITY: RACKS FOR 100 MM BOXES (INCL. DIVIDERS)

VF Product no.	No. of boxes	No. of racks	Total no. of boxes
VF312400	3	3	9
VF312420	5	6	30
<b>Total, vials</b>			<b>3.159</b>



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