VONMARCKEN
LABORATORY & MEDICAL EQUIPMENT

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PRODUCT

VT 548

-86°C ULTRA LOW TEMP. FREEZERS

The VT low temperature freezers provides the possibility to maintain temperatures as low as -86°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.)	495 (17.5)
Internal storage capacity, litres (cu. ft.)	476 (16.8)
Temperature range (16°C-30°C AMB)	-60°C to -86°C
Temperature probes	1
Compressor	Embraco
Refrigerant	Nature R
Noise level, dB	55
Power consumption, kWh / 24h	9,0
Power consumption, kWh / year	3.285
Voltage, V	220-240
Frequency, Hz	50/60

FEATURES

Castors	Optional
Inner lids	NO
Defrost	Manual
Battery Backup	Optional
USB	NO
Alarm connection	NO/NC
Digital controller	XR30CX
Data logging, # logs	NO
Analogue chart recorder	NO
Max no. of standard vials, pcs.	25.515

DIMENSIONS

Height, mm (inches)	850 (33.5)
Height w/ castors, mm (inches)	885 (34.8)
Width, mm (inches)	1.660 (61.4)
Depth, mm (inches)	695 (27.4)
Gross weight, kg (lbs)	123 (272)
Net weight, kg (lbs)	107 (194)

LOADING QUANTITIES

Qty. per 20' / 40' container	18 / 36
Qty. per truck (EU standard)	46

VESTFROST SOLUTIONS

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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DETAILS

VT 548

-86°C ULTRA 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

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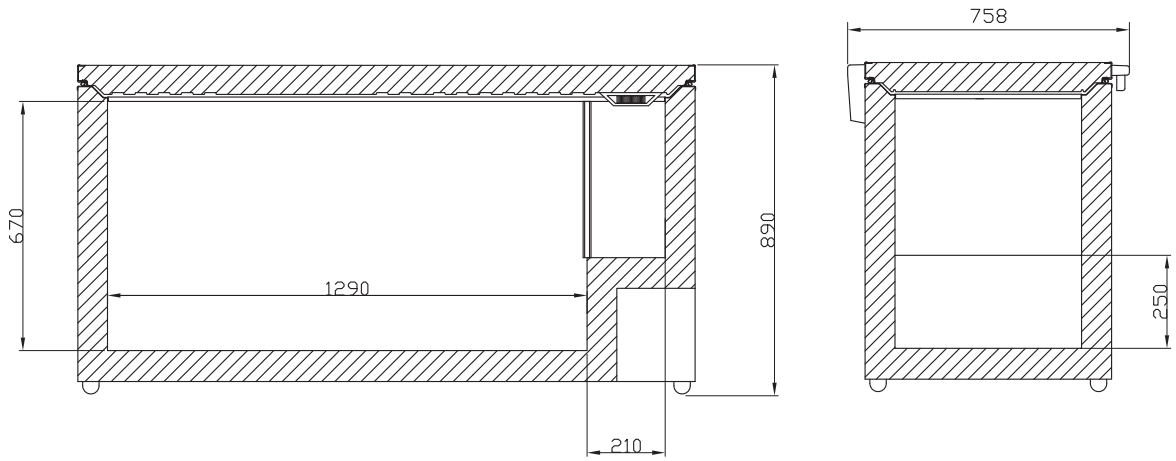

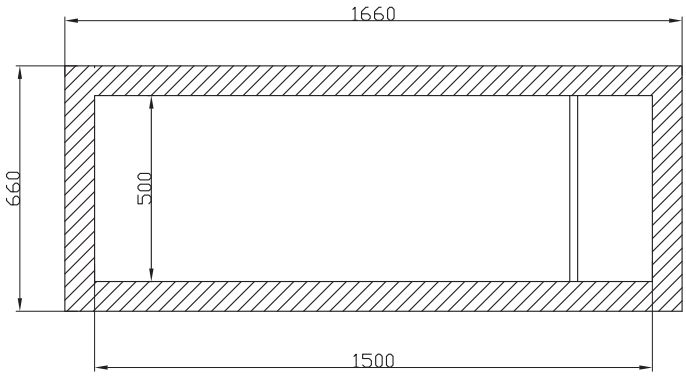

DIMENSIONS

Height, mm (inches)	890 (35,04)
Height w. castors, mm (inches)	Optional
Width, mm (inches)	1.660 (65,35)
Depth, mm (inches)	660 (25,98)
Gross weight, kg (lbs)	123 (271)

All measurements in mm

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DIMENSIONS

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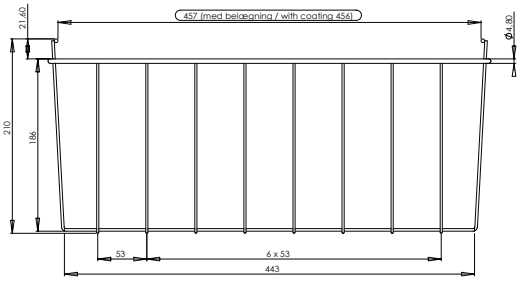

INTERNAL DIMENSIONS

Height, mm (inches)	670 (26,38)
Width, mm (inches)	1.500 (59,06)
Depth, mm (inches)	500 (19,69)
Insulation, mm	80
Insulation type	PUR
Innerliner material	Galv. Steel
Max. AMB humidity, %	70
Internal humidity	<5

LOADING CAPACITY

Max loading, kg (lbs)	495 (1091)
Max no. of standard vials, pcs.	25.515
Max loading in baskets, kg (lbs)	168 (370)

UNIT FEATURES

Porthole for external probe, mm Ø	12
Optional Castors (with brakes)	4 (4)
Inner lids	5
Lid vacuum release	N/A

BASKET FEATURES [OPTIONAL]

Basket material	Coated Steel
Basket type	Large
Quantity	10
Maximum basket load, kg (lbs)	16,77 (36,98)
Weight, kg (lbs)	0,430 (0,95)

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