

# PRODUCT

## VT 78 -86°C ULTRA LOW TEMP. FREEZERS

The VT ultra 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 ULT 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.)	74 (2.6)
Internal storage capacity, litres (cu. ft.)	71(2.5)
Temperature range (16°C-30°C AMB)	-60°C to -86°C
Temperature probes	1
Compressor	Embraco
Refrigerant	Nature-R
Noise level, dB	53
Power consumption, kWh / 24h	5,10
Power consumption, kWh / year	1.862
Voltage, V	220-240
Frequency, Hz	50



### FEATURES

Castors	Optional
Inner lids	1
Defrost	Manual
Battery Backup	50h
USB	NO
Alarm connection	NO/NC
Digital controller	XR30CX
Data logging, # logs	NO
Analogue chart recorder	NO
Max no. of standard vials, pcs.	3.240

### DIMENSIONS

Height, mm (inches)	895 (35.3)
Height w. castors, mm (inches)	935 (36.9)
Width, mm (inches)	555 (21.9)
Depth, mm (inches)	645 (25.4)
Gross weight, kg (lbs)	57 (126)
Net weight, kg (lbs)	53 (117)

### LOADING QUANTITIES

Qty. per 20' / 40' container	60 / 120
Qty. per truck (EU standard)	176

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 78

### -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
- Approximately 50 hours battery backup
- 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 208/308/408-line units.

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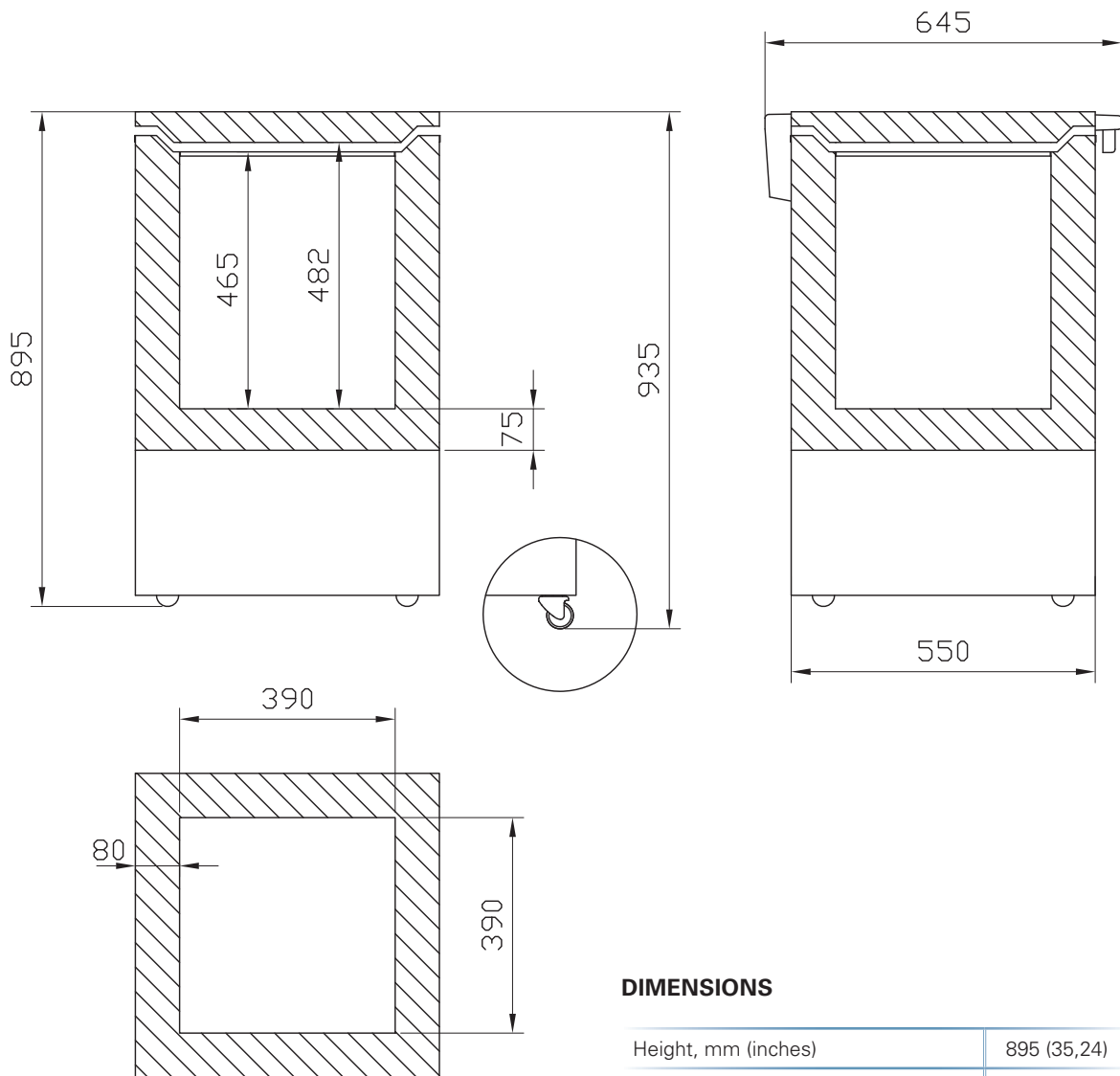
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# DIMENSIONS VT 78

-86°C ULTRA LOW TEMP. FREEZER



## DIMENSIONS

Height, mm (inches)	895 (35,24)
Height w. castors, mm (inches)	935 (36,81)
Width, mm (inches)	550 (21,65)
Depth, mm (inches)	550 (21,65)
Gross weight, kg (lbs)	57 (126)

All measurements in mm

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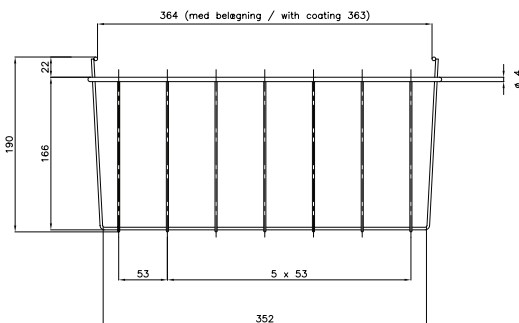
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# DIMENSIONS VT 78

## -86°C ULTRA LOW TEMP. FREEZER



### INTERNAL DIMENSIONS

Height, mm (inches)	482 (18,98)
Width, mm (inches)	390 (15,35)
Depth, mm (inches)	390 (15,35)
Insulation, mm	80
Insulation type	PUR
Innerliner material	Coated steel
Max. AMB humidity, %	70
Internal humidity, %	<5

### LOADING CAPACITY

Max loading, kg (lbs)	56 (123)
Max no. standard vials, pcs.	3.240
Max loading in baskets, kg (lbs)	10,45 (22,05)

### UNIT FEATURES

Porthole for external probe, mm Ø	12
Castors (with brakes)	Optional
Inner lids	1
Lid vacuum release	N/A

### BASKET FEATURES [OPTIONAL]

Basket material	Coated steel
Basket type	Compact
Quantity	0
Maximum basket load, kg (lbs)	10,45 (24,25)
Weight, kg (lbs)	0,370 (0,82)

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