

PRODUCT

VT 546 -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.) | 495 (17.5) |
| Internal storage capacity, litres (cu. ft.) | 476 (16.8) |
| 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 | 6.5 |
| Power consumption, kWh / year | 2.373 |
| Voltage, V | 220-240 |
| Frequency, Hz | 50/60 |



FEATURES

| | |
|------------------------------------|---------|
| Castors | NO |
| No. of baskets | 3 |
| 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. | 25.515 |
| Plasma bag capacity, pcs. (450 ml) | 335-355 |

DIMENSIONS

| | |
|--------------------------------|--------------|
| Height, mm (inches) | 890 (35.0) |
| Height w. castors, mm (inches) | N/A |
| Width, mm (inches) | 1.660 (65.4) |
| Depth, mm (inches) | 758 (29.8) |
| Gross weight, kg (lbs) | 123 (272) |
| Net weight, kg (lbs) | 107 (236) |

LOADING QUANTITIES

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

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

DETAILS

VT 546 -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
- 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.



SUITALBE for rack systems and baskets.

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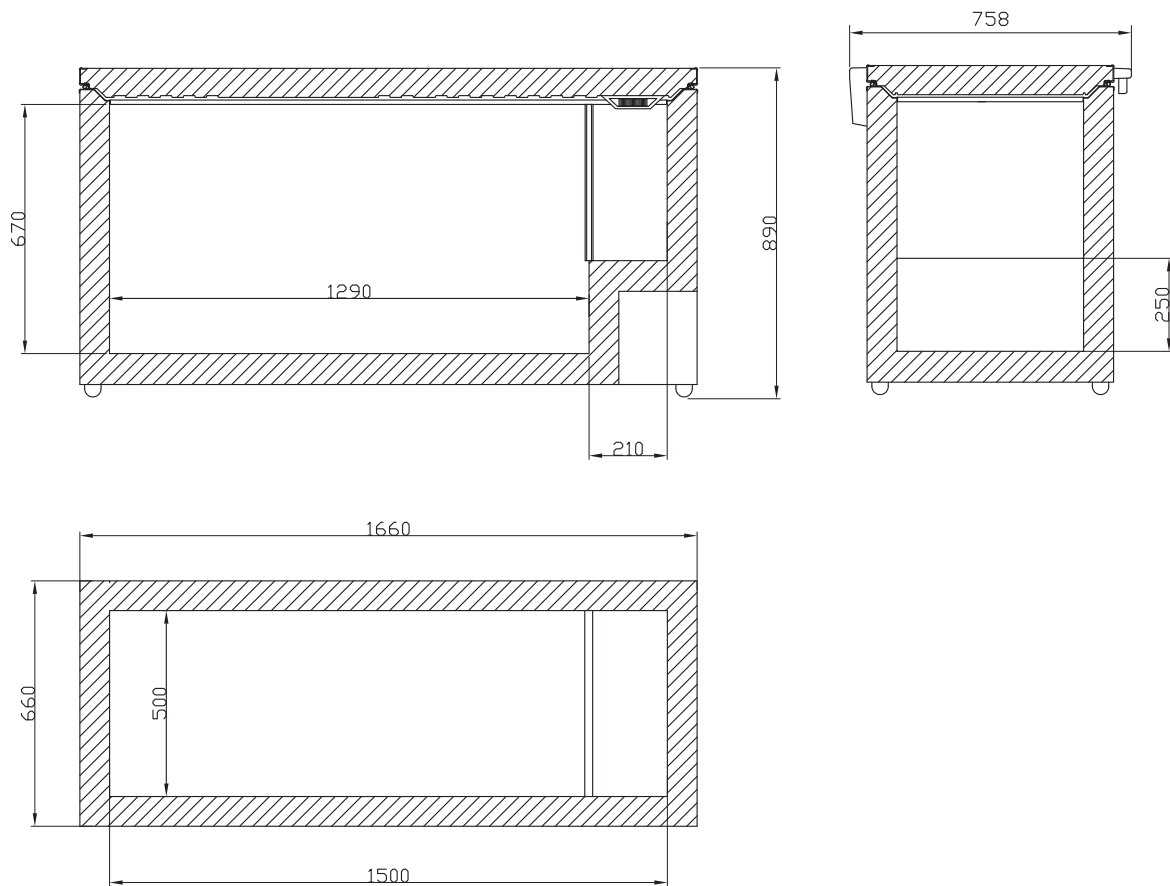
BIOMEDICAL SOLUTIONS

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LABORATORY & MEDICAL EQUIPMENT

DIMENSIONS

VT 546 -45°C LOW TEMP. FREEZER



DIMENSIONS

| | |
|--------------------------------|---------------|
| Height, mm (inches) | 890 (35,04) |
| Height w. castors, mm (inches) | N/A |
| Width, mm (inches) | 1.660 (65,35) |
| Depth, mm (inches) | 758 (29,84) |
| Gross weight, kg (lbs) | 123 (271) |

All measurements in mm

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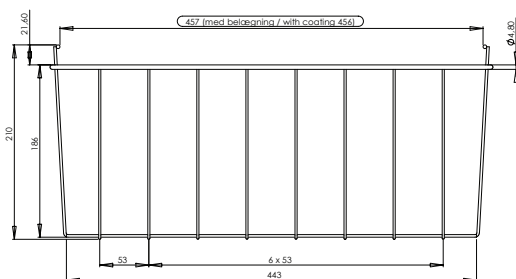
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DIMENSIONS

VT 546 -45°C LOW TEMP. FREEZER



INTERNAL DIMENSIONS

| | |
|-------------------------|---------------|
| Height, mm (inches) | 670 (26,38) |
| Width, mm (inches) | 1.500 (59,06) |
| Depth, mm (inches) | 500 (19,69) |
| Insulation, mm (inches) | 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. | 25.515 |
| Max loading in baskets, kg (lbs) | 252 (555) |

UNIT FEATURES

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

BASKET FEATURES [OPTIONAL]

| | |
|-------------------------------|---------------|
| Basket material | Coated Steel |
| Basket type | Large |
| Quantity | 3 |
| Maximum basket load, kg (lbs) | 18,00 (39,68) |
| Weight, kg (lbs) | 0,430 (0,95) |

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