

VT 546

BIOMEDICAL CHEST FREEZER

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



-10°C
-45°C

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

DIMENSIONS

Outer Dimensions HxWxD, mm	932x1664x665
Inner Dimensions HxWxD, mm	670x1500x500
Weight Gross/Net, kg	109 / 93
Material inner cabinet	Painted Steel
Material outer cabinet	Painted Steel
Packaging weight, kg	16
Packaging dimensions HxWxD, mm	1020x1715x785
Insulation thickness, mm	80
Insulation type	Polyurethane with Cyclopentane
Mobility / Casters	Yes
Refrigerant, Type	R290
Number of compressors	1
Internal Air Distribution	Static
Number of Probes	1

CONTROLLER

Controller	XR30CX
Controller language	No language - only 3 digits
USB Connection	No
Logging	No
Temperature Graph	No
High/Low Temp. Alarm	Yes
Open Door Alarm	No
Probe Failure Alarm	Yes
Power Failure Alarm	No

STORAGE

Volume, Gross/net, L	495 / 476
Baskets	3
Basket material	Steel coated with plastic powder
Inner lids	No

FEATURES

Lock	Yes
LED Light	No
Battery Backup for Controller, 24h	No
Porthole	Yes - Ø 12 mm
Dry Contact	No
Door	Solid
Door Reversibility	N/A

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Frequency	Hz	50Hz
Max Ambient	°C	30°C
Max Humidity	% rh	55%
PERFORMANCE		
All data in RT20°C		
Temperature Range	°C	-10 to -45
Uniformity in performance - difference +/- from Avg set point	°C	2,7
Pull down time (from 25 to factory setpoint)	Minutes	169
Hold over time (from factory SP to -25, -40 and -60) Empty	Minutes	136-142
Refrigerant		R290
Number of probes	pcs	1
Defrost	y/n	No
Internal air distribution		Static
Number of compressors	pcs	1
Safety thermostat	y/n	No
Energy 24 hours	kWh/24h	4,158
Energy year	kWh/year	1517,67

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