



BIOMEDICAL

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.

-25°C
-45°C



DIMENSIONS		VALUE
Outer Dimensions, HxWxD		932x1664x665
Inner Dimensions, HxWxD		670x1500x500
Weight Gross/Net, kg		92,4 / 108
Material Inner Cabinet		Painted Steel
Material Outer Cabinet		Painted Steel
Insulation Thickness, mm		80
Insulation Type		Polyurethane with Cyclopentane
Mobility / Castors		Yes
Refrigerant, Type		R290
Number of compressors		1
Internal Air Distribution		Static
Number of Probes		1
CONTROLLER		VALUE
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		VALUE
Volume, Gross/net, L		495
Baskets		3
Basket material		Steel coated with plastic powder
Inner lids		No
FEATURES		VALUE
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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PERFORMANCE	UNIT	VALUE
All data in RT20°C		
Frequency	Hz	50Hz
Max Ambient	°C	30°C
Max Humidity	% rh	55%
Temperature Range	°C	Fra -25 til -45
Uniformity in performance - difference +/- from Avg set point	°C	v. 20 °C, 2,7
Pull down time (from 25 to fabric setpoint)	Minutes	v. 20 °C, 169
Hold over time (From fabric SP to -25, -40 and -60) Empty	Minutes	v. 20 °C, 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	v. 20 °C, 4,158
Energy year	kWh/year	v. 20 °C, 1517,67