VT 207

BIOMEDICAL CHEST FREEZER

BIOMEDICAL

Protection for storage
II 3G nA IIB T6

−40°C
−60°C

The VT low temperature freezers creates the possibility to maintain temperatures as low as -60°C. Supreme stability, reliability, user-friendliness and ease of cleaning make these freezers an ideal solution for laboratories and hospitals.

DIMENSIONS	VALUE
Outer Dimensions, HxWxD	885x923x605
Inner Dimensions, HxWxD	635x760x440
Weight Gross/Net, kg	62 / 57
Material Inner Cabinet	Painted Steel
Material Outer Cabinet	Painted Steel
Insulation Thickness, mm	80
Insulation Type	Polyurethane with Cyclopentane
Mobility / Castors	Yes
Refrigerant, Type	Nature R
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	198
Baskets	1
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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Frequency	Hz	50Hz
Max Ambient	ºC	30ºC
Max Humidity	% rh	55%

PERFORMANCE	UNIT	VALUE
All data in RT20ºC		
Temperature Range	ºC	Fra -40 til -60
Uniformity in performance - difference +/- from Avg set point	ºC	v 20 ºC, 5,7
Pull down time (from 25 to fabric setpoint)	Minutes	v 20 ºC, 80
Hold over time (From fabric SP to -25, -40 and -60) Empty	Minutes	v. 20 ºC, 75
Refrigerant		Nature R
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 ºC, 3,12
Energy year	kWh/year	v. 20 ºC, 1138,8

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