



BIOMEDICAL

ULT-7i

ULT TECHNICAL SPECIFICATIONS

Multi voltage.



DIMENSIONS	VALUE
Dimension HxWxD	731x447x709
Dimension inner HxWxD	307x147x142
Weight	63
Package weight	20
Packaging dimensions HxWxD	909x529x754
Material inner cabinet	Stainless steel
Material outer cabinet	Galv. steel prepainted
Insulation type	PUR
Insulation thickness	120
Type of packaging	Cardboard, EPS, PE, wood
Mobility	4 x adjustable feet

STORAGE	VALUE
Capacity (L)	7

ALARMS	VALUE
High / Low temperature	<input checked="" type="checkbox"/>
Open door	<input checked="" type="checkbox"/>
Power failure	<input checked="" type="checkbox"/>
Probe failure	<input checked="" type="checkbox"/>

FEATURES	VALUE
Lock	<input checked="" type="checkbox"/>
LED light	<input checked="" type="checkbox"/>
Battery backup	<input checked="" type="checkbox"/>
Porthole	<input checked="" type="checkbox"/>
Porthole size	20 mm
Dry contact	<input checked="" type="checkbox"/>
Door reversibility	<input type="checkbox"/>
Vacuum valve	<input checked="" type="checkbox"/>
VIP (Vacuum Insulated Panel)	<input checked="" type="checkbox"/>

COOLING	VALUE
Refrigerant	Nature R
Energy 20 °C	2,74 kW/24h
Noise	< 48
Voltage	110-230V
Frequenze	50/60 Hz
Temperature range	-25 / -86
Ambient condition	25 °C



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OPERATING CONDITIONS

Voltage/Frequency	Voltage/Hz	
Max Ambient	°C	25
Max Humidity	% rh	
Test condition	°C	

PERFORMANCE	UNIT	VALUE
All data in RT20°C		
Temperature Range	°C	-25 to -86
Uniformity in performance - difference between top and bottom	°C	+/- 2,5
Pull down time	Minutes	132 min. to -75°C
Hold over time	Minutes	N/A
Noise	dB	N/A
Energy 24 hours	kWh/24h	2,94 kWh/24h set -80°C
Energy year	kWh/year	1073kWh/y set -80°C
Instant Power Consumption	kW	PD 0,300/Stable 0,190
Heat Rejection	W	N/A
K-Value	W/m ² K	N/A

COOLING COMPONENTS	VALUE
Refrigerant/Amount (gram)	Nature R 2/85gr
Number of compressors	1
Varibel speed compressor	Yes
Internal air distribution (type of)	Static
Evaporator Fan	No
Condenser Fan	Yes
Number of probes	2
Defrost	No

CONTROLLER	VALUE
Controller	yes
Controller type	i-Care touch
USB Connection	yes
Data connection	yes
Controller abilities	logging of data & alarms
Controller languages	EN, DE, FR
Temperature curve in controller	yes