



ULT-91i

ULT TECHNICAL SPECIFICATIONS

Multi voltage.



DIMENSIONS		VALUE
Dimension HxWxD		836x937x778
Dimension inner HxWxD		307x367x443
Weight		102
Package weight		35
Packaging dimensions HxWxD		1011x1019x824
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
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"/>
STORAGE		VALUE
Capacity (L)		88
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"/>
COOLING		VALUE
Refrigerant		Nature R
Energy 20 °C		5,22 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	50/60
Max Ambient	°C	25
Max Humidity	% rh	60
Test condition	°C	20

PERFORMANCE

	UNIT	VALUE
All data in RT20°C		
Temperature Range	°C	-25 to -86
Uniformity in performance - difference between top and bottom		+/- 2,5
Pull down time	Minutes	103 min. to -75°C
Hold over time	Minutes	N/A
Noise	dB	N/A
Energy 24 hours	kWh/24h	5,22 kWh/24h set -80°C
Energy year	kWh/year	1905kWh/y set -80°C
Instant Power Consumption	kW	PD 0,650/Stable 0,280
Heat Rejection	W	N/A
U-Value	W/m ² K	N/A

COOLING COMPONENTS

		VALUE
Refrigerant/Amount (gram)		Nature R 2/149gr
Number of compressors	pcs	1
Varibel speed compressor	Yes/No	Yes
Internal air distribution (type of)		Static
Evaporator Fan	Yes/No/Variable	No
Condenser Fan	Yes/No/Variable	Yes
Number of probes	pcs	2
Defrost	Yes/No	No

CONTROLLER

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