

BIOMEDICAL

The chest design is an economical choice, that preserves cold well due to the horizontal lid.





VALU
92lx550x55
450x390x39
73 / 5
Painted Stee
Painted Ste
8
Polyurethane with Cyclopentan
Standard: 4 castors with brake
Nature R2 / 1:
N
Stati
VALU
i-Care, Touch scree
EN, DE, F
Ye
Data, Alarms & Event
Yes
Ye
N
Ye
Ye
VALU
4.0
Ye.
VALU
Υe
N
Υe
N
N
Yes - Ø 12,5 mr
Ye

1



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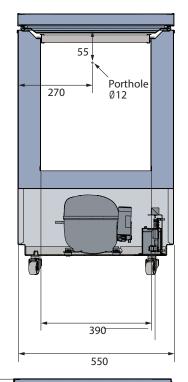
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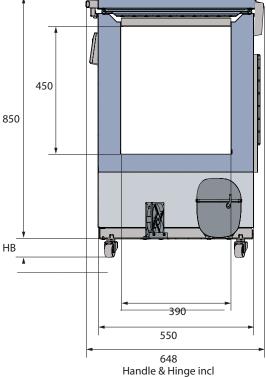
Voltage/Frequency	Voltage/Hz	230V/50H
Max Ambient	°C	30°C
Max Humidity	% rh	659
PERFORMANCE	UNIT	VALUE
All data in RT20°C		
Temperature Range	°C	-20 to -86
Uniformity in performance - difference between top and bottom	°C	+/- 0,9
Pull down time	Minutes	72min to -75°0
Hold over time	Minutes	64 min to -60°0
Voise	dB	5.
Energy Saving Mode	kWh/24h	4,018 kWh/24h Set -7
Energy 24 hours	kWh/24h	5,325 kWh/24h Set -8:
Energy year	kWh/year	1943,25 kWh/y Set -82°0
nstant Power Consumption	kW	PD 0,540-0,370/Stable 0,34
leat Rejection	W	37
J-Value	W/m^2 K	0,19
COOLING COMPONENTS		VALUE
Refrigerant/Amount (gram)		Nature R 2/121g
Number of compressors	pcs	
Varibel speed compressor	Yes/No	No
Internal air distribution (type of)		Statio
Evaporator Fan	Yes/No/Variable	N
Condenser Fan	Yes/No/Variable	Ye
Number of probes	pcs	
Defrost	Yes/No	No

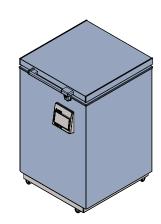


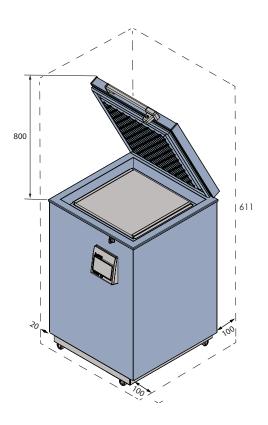
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All measurements in mm.

HB: Height of base (HB is adjustable when given value is xx-xx)

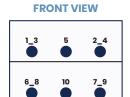


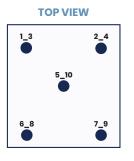


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SENSOR POSITION

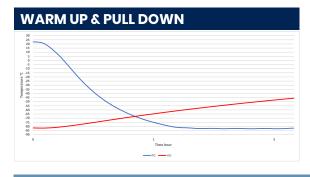
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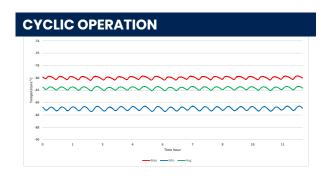




MODEL	ULTF-C74I
Test type	10-point test
Test enviroment	Controlled conditions, empty cabinet
Ambient temperature	20°C
Humidity	60%
Set-point	-82°C
Sensor used	25gr tinned brass formed as a cylinder with a diameter of 15,2 mm
Installation	Appliance installed according to instruction manual conditions
Refrigerant	Nature R 2

SENSOR TEMPERATURE										
Sensor position	PI	P2	Р3	P4	P5	P6	P7	P8	P9	P10
Max	-83,9	-85,3	-85,2	-84,9	-85,6	-85	-85	-84,5	-85	-84,6
Avg.	-84,5	-85,9	-85,8	-85,5	-86,2	-85,6	-85,5	-85	-85,6	-85,1
Min.	-85,1	-86,5	-86,2	-86,2	-86,9	-86,3	-86,3	-85,6	-86,3	-85,7





TYPICAL PERFORMANCE IN AMBIENT 20°C - EMPTY CABINET					
TYPICAL PERFORMANCE IN AMBIENT 20°C - EMPTY CABINET					
Avg. cabinet temperature	-85,5°C				
Peak variation from set-point	+/- 0,9°C				
Stability in avg.	1,0°C				
1 min. door open recovery to -75°C avg. temperature	6 min.				
Cycle rate on/off	16 / 7 min.				
Duty cycle	68%				
Energy consumption - Normal mode	5,32 kWh/day				
Energy consumption - Energy saving mode	4,01 kWh/day				
Pull down time to -75°C avg. temperature	72 min.				
Hold over time from -82°C to -60°C	64 min.				
Heat rejection	370 W				