Upright freezer ULT U100

- Optimal footprint, easily installable & movable
- Low cost of ownership
- Limited maintenance and on-site service
- Eco-friendly, HCFC-free Nature R refrigerant
- Efficient cyclopentane insulation
- ISO 9001, 14001 & 45001 Certified

Specifications

Technical

Gross volume	93 litres
Net volume	91 litres
Temp. range	-60°C to -86°C
Temp. probes	1/PT 1000
Compressor	Embraco
Refrigerant	Nature R
Noise level	57 dB
Power consumption 24/h	6,7 kWh
Power consumption	2.445 kWh / year
Voltage	230 V
Frequency	50 Hz

Features

Audible & visual alarm	YES
Castors	NO
Inner doors	NO
Defrost	Manual
Integrated lock	YES
Battery Backup	48h
USB	YES
Data connection	MODBUS
Digital controller	XW737K
Data logging	35.500 Entries
High/Low temperature alarm	YES
Adjustable shelves, stainless steel	2
Door vacuum release	Automatic
Portholes for external probe & CO2 backup	Ø20 mm
Connection for remote alarm	YES

Material

Inner	Stainless steel
Outer	Galvanized pre-coated steel

Dimensions

Height	825 mm
Width	595 mm
Depth (incl. condenser)	630 mm
Depth (incl. condenser & handle)	690 mm
Net weight	60 kg

Internal dimensions

Height	625/395 mm
Width	430 mm
Depth	425/205 mm
Insulation	80 mm
Insulation type	PUR
Internal humidity	<5 %

ULT U100



Product no.	N123001

Storage capacity. Rack

Box height	No. of boxes	No. of racks	Total no. of boxes	Product no.
50 mm	74	1	74	N321700
75 mm	45	1	45	N321800
100 mm	33	1	33	N331400

Storage capacity. Rack with boxes and dividers

Box height	Divider	No. of samples	Product no.
50 mm	9x9	5994	N322700
50 mm	10x10	7400	N322710
75 mm	9x9	3645	N322800
75 mm	10x10	4500	N322810
100 mm	9x9	2673	N332400
100 mm	10x10	3300	N332410

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