



NORDIC LAB

## CHEST FREEZERS & UPRIGHT FREEZERS

# NORDIC LAB

Your Cool Solution Partner

## Freezer Collection





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### Welcome

Nordic Lab is a Danish manufacturer and supplier of laboratory freezers and cool storage solution – with focus on high quality, design, and functionality.

Our products are designed, developed, and produced in Denmark - guaranteeing high quality standards.

Our vision is to be a global provider of top designed and innovative laboratory equipment and solutions - with the strategy to focus on smaller sized and competitively priced freezers.

Nordic Lab represents a series of Low Temperature freezers, covering temperatures from -10°C to -86°C, both as chest and upright freezers.

Nordic Lab freezers are based on a single stage compressor technology, proven in the market for more than 20 years. They are very reliable, stable and have a very low maintenance level.

Our freezers are produced with strong focus on environment friendliness and sustainability. They are offered with natural refrigerants R290 (Propane), and our Nature R, which is a patented natural refrigerant.

The production is in accordance with ISO 9001, 14001 and 45001 certification and standards, which guarantees reliable and consistent high-quality products.

## ULT Upright freezer Ultra Low Temperature -86°C



MODEL	ULT U35	ULT U100
<b>Technical</b>		
Net Volume	37 litres	91 litres
Temp. range	-60 °C to -86°C	-60 °C to -86°C
Temp. probe	1/PT 1000	1/PT 1000
Refrigerant	Nature R	Nature R
Inner doors	N/A	N/A
Adjustable shelves	N/A	2
Inner lids	N/A	N/A
Power consumption 24/h	3,2 kWh	6,2 kWh
Voltage	230V	230V
Frequency	50 Hz	50 Hz
Compressor type	Single stage	Single stage
<b>Features</b>		
- Audible and visual alarm	Yes	Yes
- High/low alarm	Yes	Yes
- Battery backup	48h	48h
- Portholes for external probe & CO2 backup	Ø20 mm	Ø20 mm
- Castors	N/A	N/A
- Integrated lock	Yes	Yes
- Temperature logger with USB port	Yes	Yes
- Door alarm	Yes	Yes
- Digital controller	XW737K	XW737K
<b>Outer dimensions</b>		
Height	650 mm	825 mm
Width	630 mm	595 mm
Depth (incl. condenser & handle)	675 mm	630 mm
Net weight	59 kg	60 kg
<b>Product no.</b>	N123000	N123001

## ULT Chest freezer Ultra Low Temperature -86°C



ULT U250	ULT C75	ULT C200	ULT C300	ULT C400
236 litres	71 litres	189 litres	284 litres	368 litres
-6 °C to -86°C	-60 °C to -86°C	-60 °C to -86°C	-60 °C to -86°C	-60 °C to -86°C
1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000
Nature R	Nature R	Nature R	Nature R	Nature R
2	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A
N/A	1	3	3	4
10,3 kWh	5 kWh	5,3 kWh	8 kWh	9 kWh
230V	230V	230V	230V	230V
50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Dual cooling	Single stage	Single stage	Single stage	Single stage
Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes
48h	48h	48h	48h	48h
Ø20 mm	Ø20 mm	Ø20 mm	Ø20 mm	Ø20 mm
4	4	4	4	4
Yes	Yes	Yes	Yes	Yes
Yes	N/A	N/A	N/A	N/A
Yes	N/A	N/A	N/A	N/A
XW737K	XR30CX	XR30CX	XR30CX	XR30CX
2.055 mm	870 mm	885 mm	885 mm	885 mm
600 mm	555 mm	923 mm	1265 mm	1560 mm
690 mm	630 mm	680 mm	680 mm	680 mm
140 kg	45 kg	69 kg	76 kg	80 kg
N123002	N113001	N113002	N113003	N113004

# XLT Upright Freezer

## Extra Low Temperature

### - 60°



# XLT Chest freezer

## Extra Low Temperature

### -60°C



MODEL	XLT U100	XLT C75	XLT C150	XLT C200	XLT C300	XLT C400	XLT C500
<b>Technical</b>							
Net Volume	91 litres	71 litres	133 litres	189 litres	284 litres	368 litres	476 litres
Temp. range	-25°C to -65°C	-40°to -60°C	-40°C to -60°C	-40°C to -60°C	-40°C to -60°C	-40°C to -60°C	-40°C to -60°C
Temp. probe	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000
Refrigerant	Nature R	Nature R	Nature R	Nature R	Nature R	Nature R	Nature R
Inner doors	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Adjustable shelves	2	N/A	N/A	N/A	N/A	N/A	N/A
Inner lids	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Baskets	N/A	1	1	1	3	4	3
Power consumption 24/h	4,6 kWh	4,0 kWh	3,7 kWh	3,1 kWh	5,5 kWh	7 kWh	5,7 kWh
Voltage	230V	230V	230V	230V	230V	230V	230V
Frequency	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Compressor type	Single stage	Single stage	Single stage	Singles stage	Singles stage	Singles stage	Singles stage
<b>Features</b>							
- Audible and visual alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
- High/low alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
- Battery backup	48h	48h	N/A	N/A	N/A	N/A	N/A
- Portholes for external probe & CO2 backup	Ø20 mm	Ø12 mm	Ø12 mm	Ø12 mm	Ø12 mm	Ø12 mm	Ø12 mm
- Castors	N/A	N/A	4	4	4	4	4
- Integrated lock	Yes	Yes	Yes	Yes	Yes	Yes	Yes
- Temperature logger with USB port	Yes	N/A	N/A	N/A	N/A	N/A	N/A
- Door alarm	Yes	N/A	N/A	N/A	N/A	N/A	N/A
- Digital controler	XW737K	XR30CX	XR30CX	XR30CX	XR30CX	XR30CX	XR30CX
<b>Outer dimensions</b>							
Height	825 mm	870 mm	855 mm	885 mm	885 mm	885 mm	932 mm
Width	595 mm	555 mm	725 mm	923 mm	1265 mm	1560 mm	1664 mm
Depth (incl. condenser & handle)	630 mm	360 mm	680 mm	680 mm	680 mm	680 mm	740 mm
Net weight	60 kg	48 kg	59 kg	62 kg	71 kg	86 kg	92 kg
<b>Product no.</b>	N122001	N112001	N112002	N112006	N112003	N112004	N112005

# LT Chest freezer

## Low Temperature

### -45°C



MODEL	LT C150	LT C200	LT C300	LT C400	LT C500
<b>Technical</b>					
Net Volume	133 litres	189 litres	284 litres	368 litres	476 litres
Temp. range	-25°C to -45°C	-25°C to -45°C	-25°C to -45°C	-25°C to -45°C	-25°C to -45°C
Temp. probe	1/PTC	1/PTC	1/PTC	1/PTC	1/PTC
Refrigerant	R290	R290	R290	R290	R290
Inner doors	N/A	N/A	N/A	N/A	N/A
Adjustable shelves	N/A	N/A	N/A	N/A	N/A
Baskets	1	1	3	4	3
Power consumption 24/h	1,8 kWh	2,8 kWh	3,7 kWh	4,1 kWh	4,7 kWh
Voltage	230V	230V	230V	230V	230V
Frequency	50Hz	50Hz	50Hz	50Hz	50Hz
Compressor type	Single stage	Singles stage	Singles stage	Singles stage	Singles stage
<b>Features</b>					
- Audible and visual alarm	Yes	Yes	Yes	Yes	Yes
- High/low alarm	Yes	Yes	Yes	Yes	Yes
- Battery backup	N/A	N/A	N/A	N/A	N/A
- Portholes for external probe & CO2 backup	Ø12 mm	Ø12 mm	Ø12 mm	Ø12 mm	Ø12 mm
- Castors	4	4	4	4	4
- Integrated lock	Yes	Yes	Yes	Yes	Yes
- Temperature logger with USB port	N/A	N/A	N/A	N/A	N/A
- Door alarm	N/A	N/A	N/A	N/A	N/A
- Digital controller	XR30CX	XR30CX	XR30CX	XR30CX	XR30CX
<b>Outer dimensions</b>					
Height	855 mm	885 mm	885 mm	885 mm	932 mm
Width	725 mm	923 mm	1265 mm	1560 mm	1664 mm
Depth (incl. condenser & handle)	680 mm	680 mm	680 mm	680 mm	740 mm
Net weight	59 kg	62 kg	71 kg	86 kg	92 kg
<b>Product no.</b>	N111002	N111006	N111003	N112004	N112005





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