



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



ULT/XLT Upright freezer

Ultra Low Temperature

-86°C



MODEL	ULT U35	ULT U100	ULT U200	ULT/XLT U200
Technical				
Net Volume	37 litres	91 litres	182 litres	182 litres
Temp. range	-60 °C to -86°C	-60 °C to -86°C	-60 °C to -86°C	-25 °C to -86°C
Temp. probe	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000
Refrigerant	Nature R	Nature R	Nature R	Nature R
Inner doors	N/A	N/A	N/A	N/A
Adjustable shelves	N/A	2	4	4
Inner lids	N/A	N/A	N/A	N/A
Power consumption 24/h	3,2 kWh	7,7 kWh	15,4 kWh	12,3 kWh
Voltage	230V	230V	230V	230V
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Compressor type	Single stage	Single stage	Single stage	Single stage
Features				
- Audible and visual alarm	Yes	Yes	Yes	Yes
- High/low alarm	Yes	Yes	Yes	Yes
- Battery backup	48h	48h	48h	48h
- Portholes for external probe & CO2 backup	2 x Ø20 mm	2 x Ø20 mm	4 x Ø20 mm	4 x Ø20 mm
- Castors	N/A	N/A	Yes	Yes
- Integrated lock	Yes	Yes	Yes	Yes
- Temperature logger with USB port	Yes	Yes	Yes	Yes
- Door alarm	Yes	Yes	Yes	Yes
- Digital controller	XW737K	XW737K	XW737K	XW737K
Outer dimensions				
Height	650 mm	825 mm	1730 mm	1730 mm
Width	630 mm	595 mm	595 mm	595 mm
Depth (incl. condenser & handle)	675 mm	630 mm	690 mm	690 mm
Net weight	59 kg	60 kg	120 kg	120 kg
Product no.	N123000	N123001	N125001	N125002

ULT Chest freezer

Ultra Low Temperature

-86°C



MODEL	ULT C75	ULT C200	ULT C300	ULT C400
Technical				
Net Volume	71 litres	189 litres	284 litres	368 litres
Temp. range	-60 °C to -86°C	-60 °C to -86°C	-60 °C to -86°C	-60 °C to -86°C
Temp. probe	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000
Refrigerant	Nature R	Nature R	Nature R	Nature R
Inner doors	N/A	N/A	N/A	N/A
Adjustable shelves	N/A	N/A	N/A	N/A
Inner lids	1	3	3	4
Power consumption 24/h	5,1 kWh	5,3 kWh	8,1 kWh	9,1 kWh
Voltage	230V	230V	230V	230V
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Compressor type	Single stage	Single stage	Single stage	Single stage
Features				
- Audible and visual alarm	Yes	Yes	Yes	Yes
- High/low alarm	Yes	Yes	Yes	Yes
- Battery backup	48h	48h	48h	48h
- Portholes for external probe & CO2 backup	2 x Ø20 mm	2 x Ø20 mm	2 x Ø20 mm	2 x Ø20 mm
- Castors	Yes	Yes	Yes	Yes
- Integrated lock	Yes	Yes	Yes	Yes
- Temperature logger with USB port	N/A	N/A	N/A	N/A
- Door alarm	N/A	N/A	N/A	N/A
- Digital controller	XR30CX	XR30CX	XR30CX	XR30CX
Outer dimensions				
Height	870 mm	885 mm	885 mm	885 mm
Width	555 mm	923 mm	1265 mm	1560 mm
Depth (incl. condenser & handle)	630 mm	680 mm	680 mm	680 mm
Net weight	45 kg	69 kg	76 kg	80 kg
Product no.	N113001	N113002	N113003	N113004

XLT Upright Freezer

Extra Low Temperature

-60°



XLT Chest freezer

Extra Low Temperature

-60°C



MODEL	XLT U100	XLT U200	XLT C75	XLT C150	XLT C200	XLT C300	XLT C400	XLT C500
Technical								
Net Volume	91 litres	182 litres	71 litres	133 litres	189 litres	284 litres	368 litres	476 litres
Temp. range	-25°C to -65°C	-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	1/PT 1000
Refrigerant	Nature R	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	N/A
Adjustable shelves	2	4	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	N/A
Baskets	N/A	N/A	1	1	1	3	4	3
Power consumption 24/h	4,6 kWh	9,2 kWh	4,0 kWh	3,7 kWh	4,6kWh	5,5 kWh	7 kWh	5,7 kWh
Voltage	230V	230V	230V	230V	230V	230V	230V	230V
Frequency	50Hz	50 Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Compressor type	Single stage	Single stage	Single stage	Single stage	Singles stage	Singles stage	Singles stage	Singles stage
Features								
- Audible and visual alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
- High/low alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
- Battery backup	48h	48h	48h	N/A	N/A	N/A	N/A	N/A
- Portholes for external probe & CO2 backup	Ø20 mm	4 x Ø20 mm	Ø12 mm	Ø12 mm	Ø12 mm	Ø12 mm	Ø12 mm	Ø12 mm
- Castors	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
- Integrated lock	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
- Temperature logger with USB port	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
- Door alarm	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
- Digital controler	XW737K	XW737K	XR30CX	XR30CX	XR30CX	XR30CX	XR30CX	XR30CX
Outer dimensions								
Height	825 mm	1730 mm	870 mm	855 mm	885 mm	885 mm	885 mm	932 mm
Width	595 mm	595 mm	555 mm	725 mm	923 mm	1265 mm	1560 mm	1664 mm
Depth (incl. condenser & handle)	630 mm	690 mm	360 mm	680 mm	680 mm	680 mm	680 mm	740 mm
Net weight	60 kg	120 kg	48 kg	59 kg	62 kg	71 kg	86 kg	92 kg
Product no.	N122001	N125003	N112001	N112002	N112006	N112003	N112004	N112005

LT Chest freezer

Low Temperature

-45°C



MODEL	LT C150	LT C200	LT C300	LT C400	LT C500
Technical					
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	1	1	3
Power consumption 24/h	1,8 kWh	2,8 kWh	3,7 kWh	4,1 kWh	4,2 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
Features					
- 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	Yes	Yes	Yes	Yes	Yes
- 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
Outer dimensions					
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
Product no.	N111002	N111006	N111003	N112004	N112005



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