



CHEST FREEZERS & UPRIGHT FREEZERS

NORDIC LAB

Your Cool Solution Partner

Freezer Collection

120V/60Hz - 230V/60Hz





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 120V/60Hz



ULT/XLT Upright freezer

Ultra Low Temperature

-86°C 120V/60Hz
-86°C 230V/60Hz



MODEL	ULT U35	ULT U100	ULT U200	ULT/XLT U200	ULT U200	ULT/XLT U200
Technical						
Net Volume	37 litres	91 litres	182 litres	182 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	-60 °C to -86°C	-25 °C to -86°C
Temp. probe	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000
Refrigerant	Nature R-489A	Nature R-489A	Nature R-489A	Nature R-489A	Nature R-489A	Nature R-489A
Inner doors	N/A	N/A	N/A	N/A	N/A	N/A
Adjustable shelves	N/A	2	2	2	2	2
Inner lids	N/A	N/A	N/A	N/A	N/A	N/A
Power consumption 24/h	3,2 kWh	5,6 kWh	11,2 kWh	8,3 kWh	11,2 kWh	8,3 kWh
Voltage	120V	120V	120V	120V	230V	230V
Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Compressor type	Single stage	Single stage	Single stage	Single stage	Single stage	Single stage
Features						
- Audible and visual alarm	Yes	Yes	Yes	Yes	Yes	Yes
- High/low alarm	Yes	Yes	Yes	Yes	Yes	Yes
- Battery backup	48h	48h	48h	48h	48h	48h
- Portholes for external probe & CO2 backup	Ø20 mm	Ø20 mm	Ø20 mm	Ø20 mm	Ø20 mm	Ø20 mm
- Castors	N/A	N/A	Optional	Optional	Optional	Optional
- Integrated lock	Yes	Yes	Yes	Yes	Yes	Yes
- Temperature logger with USB port	Yes	Yes	Yes	Yes	Yes	Yes
- Door alarm	Yes	Yes	Yes	Yes	Yes	Yes
- Digital controller	XW737K	XW737K	XW737K	XW737K	XW737K	XW737K
Outer dimensions						
Height	650 mm	825 mm	1730 mm	1730 mm	1730 mm	1730 mm
Width	630 mm	595 mm	595 mm	595 mm	595 mm	595 mm
Depth (incl. condenser & handle)	675 mm	630 mm	690 mm	690 mm	690 mm	690 mm
Net weight	59 kg	60 kg	126 kg	126 kg	126 kg	126 kg
Product no.	N123050	N123051	N125051	N125052	N125061	N125062

ULT Chest freezer

Ultra Low Temperature

-86°C 120V/60Hz



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-489A	Nature R-489A	Nature R-489A	Nature R-489A
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	4,05 kWh	5,3 kWh	8 kWh	9 kWh
Voltage	120V	120V	120V	120V
Frequency	60 Hz	60 Hz	60 Hz	60 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	Ø20 mm	Ø20 mm	Ø20 mm	Ø20 mm
- Castors	4	4	4	4
- 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.	N113051	N113052	N113053	N113054

ULT Upright freezer

Ultra Low Temperature

-86°C 230V/60Hz



MODEL	ULT U35	ULT U100
Technical		
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-489A	Nature R-489A
Inner doors	N/A	N/A
Adjustable shelves	N/A	2
Inner lids	N/A	N/A
Power consumption 24/h	3,2 kWh	5,6 kWh
Voltage	230V	230V
Frequency	60 Hz	60 Hz
Compressor type	Single stage	Single stage
Features		
- 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
Outer dimensions		
Height	650 mm	825 mm
Width	630 mm	595 mm
Depth (incl. condenser & handle)	675 mm	630 mm
Net weight	59 kg	60 kg
Product no.	N123000	N123061

ULT Chest freezer

Ultra Low Temperature

-86°C 230V/60Hz



	ULT C75
	71 litres
	-60 °C to -86°C
	1/PT 1000
	Nature R-489A
	N/A
	N/A
	1
	4,05 kWh
	230V
	60 Hz
	Single stage
	Yes
	Yes
	48h
	Ø20 mm
	4
	Yes
	N/A
	N/A
	XR30CX
	870 mm
	555 mm
	630 mm
	45 kg
	N113061

XLT Upright freezer

Extra Low Temperature

- 65°

120V/60Hz

230V/60Hz



MODEL	XLT U100	XLT U100	XLT U200	XLT/ULT U200	XLT U200	XLT/ULT U200
Technical						
Net Volume	91 litres	91 litres	182 litres	182 litres	182 litres	182 litres
Temp. range	-25°C to -65°C	-25°C to -65°C	-25°C to -65°C	-25°C to -86°C	-25°C to -65°C	-25°C to -86°C
Temp. probe	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000	1/PT 1000
Refrigerant	Nature R-489A	Nature R-489A	Nature R-489A	Nature R-489A	Nature R-489A	Nature R-489A
Inner doors	N/A	N/A	N/A	N/A	N/A	N/A
Adjustable shelves	2	2	2	2	2	2
Inner lids	N/A	N/A	N/A	N/A	N/A	N/A
Baskets	N/A	N/A	N/A	N/A	N/A	N/A
Power consumption 24/h	2,7 kWh	2,7 kWh	5,4 kWh	9,3 kWh	5,4 kWh	9,3 kWh
Voltage	120V	230V	120V	120V	230V	230V
Frequency	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
Compressor type	Single stage	Single stage	Single stage	Single stage	Single stage	Single stage
Features						
- Audible and visual alarm	Yes	Yes	Yes	Yes	Yes	Yes
- High/low alarm	Yes	Yes	Yes	Yes	Yes	Yes
- Battery backup	48h	48h	48h	48h	48h	48h
- Portholes for external probe & CO2 backup	Ø20 mm	Ø20 mm	Ø20 mm	Ø20 mm	Ø20 mm	Ø20 mm
- Castors	N/A	N/A	Optional	Optional	Optional	Optional
- Integrated lock	Yes	Yes	Yes	Yes	Yes	Yes
- Temperature logger with USB port	Yes	Yes	Yes	Yes	Yes	Yes
- Door alarm	Yes	Yes	Yes	Yes	Yes	Yes
- Digital controller	XW737K	XW737K	XW737K	XW737K	XW737K	XW737K
Outer dimensions						
Height	825 mm	825 mm	1730 mm	1730 mm	1730 mm	1730 mm
Width	595 mm	595 mm	595 mm	595 mm	595 mm	595 mm
Depth (incl. condenser & handle)	630 mm	630 mm	690 mm	690 mm	690 mm	690 mm
Net weight	60 kg	60 kg	126 kg	126 kg	126 kg	126 kg
Product no.	N122051	N122061	N125053	N122061	N125063	N125064

XLT Chest freezer

Extra Low Temperature

-60°C 120V/60Hz



MODEL	XLT C150	XLT C300	XLT C400
Technical			
Net Volume	133 litres	284 litres	368 litres
Temp. range	-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
Refrigerant	Nature R-489A	Nature R-489A	Nature R-489A
Inner doors	N/A	N/A	N/A
Adjustable shelves	N/A	N/A	N/A
Inner lids	N/A	N/A	N/A
Baskets	1	3	4
Power consumption 24/h	3,7 kWh	5,5 kWh	7 kWh
Voltage	120V	120V	120V
Frequency	60Hz	60Hz	60Hz
Compressor type	Single stage	Singles stage	Singles stage
Features			
- Audible and visual alarm	Yes	Yes	Yes
- High/low alarm	Yes	Yes	Yes
- Battery backup	N/A	N/A	N/A
- Portholes for external probe & CO2 backup	Ø12 mm	Ø12 mm	Ø12 mm
- Castors	4	4	4
- Integrated lock	Yes	Yes	Yes
- Temperature logger with USB port	N/A	N/A	N/A
- Door alarm	N/A	N/A	N/A
- Digital controler	XR30CX	XR30CX	XR30CX
Outer dimensions			
Height	855 mm	855 mm	885 mm
Width	725 mm	1265 mm	1560 mm
Depth (incl. condenser & handle)	680 mm	680 mm	680 mm
Net weight	59 kg	71 kg	86 kg
Product no.	N112052	N112053	N112054



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