ARCTIKO LF 700

true cooling specialists

-10°/-30°C

HIGH LEVEL OF SECURITY FOR YOUR SAMPLES, DUE TO THE GREAT COOLING PERFORMANCE WITH AIR FORCED COOLING.
Automatic defrost saves you time to focus on what's most important and stores the samples safely.

▶ **ATEX**

This unit can be made in an ATEX version – approved according to EN 60079-15 category 3, zone 2. CE EX 11-/3 G.

▶ **FLEXIBLE STORAGE SOLUTIONS**

This freezers is a functional freezer with flexible storage solutions. The freezer is highly customizable allowing for maximum flexibility in frozen biologicals or other samples you store within.

This allows the user to organize their unit exactly as desired. Our universal shelf and drawer guides allow you to mix shelves and drawers for flexible storage.

▶ **EXCEPTIONAL COOLING**

Arctiko has combined the high quality cooling performance created by air-forced cooling and automatic defrosting.

The results meet the more stringent requirements for lower power consumption, more precise cooling uniformity, need for temperature and alarm surveillance, documentation and validation, making the LF 700 the perfect solution for biomedical storage.

FORCED AIR COOLING

FILTERLESS CONSTRUCTION

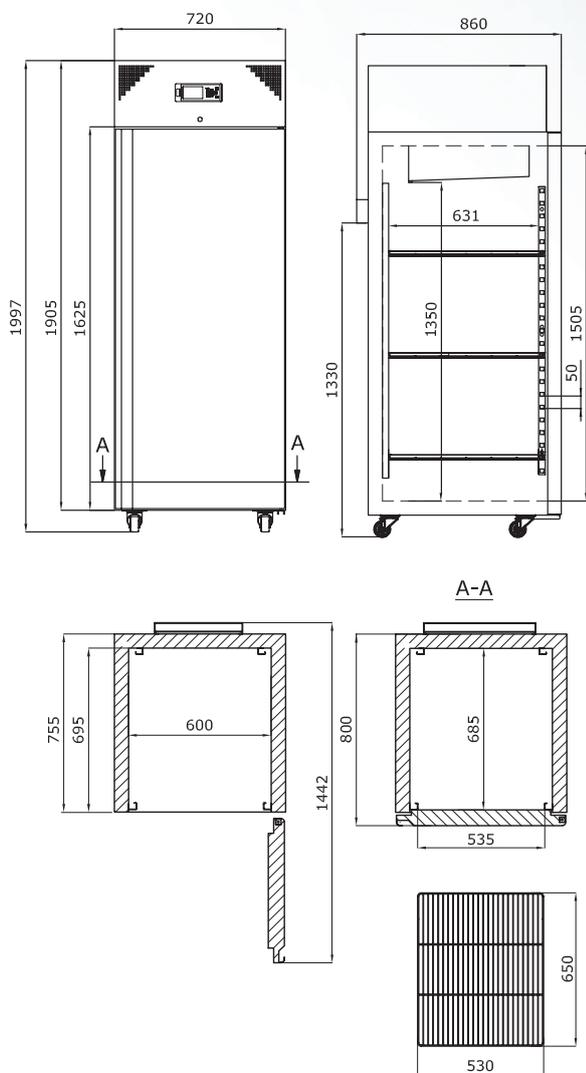FLEXIBLE SHELVES

AVAILABLE IN ATEX

LF 700* ◀

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The ARCTIKO LF 700 model supports following optional features:

- Modbus adapter for G214 controller
- Temperature chart recorder
- GSM alarm module
- Voltage converter
- Voltage stabilizer
- Stainless steel drawers
- Perforated shelf stainless steel
- Stainless steel shelf
- Wire shelf
- LED Light

720 · 860 · 1997 · 1905 · 1625 · 1330 · 631 · 1350 · 1505 · 50
A · A

A-A

755 · 695 · 600 · 800 · 685 · 1442 · 535 · 650 · 530

ISO 9001:2015 Certificate No: 33037
ISO 13485:2016 Certificate No: 0000320341-PA-NA-NOR
CE

MODEL	LF 700
Main specifications	
Item code	DAI 0255
Temperature range (°C)	-10 / -30
Max. ambient temperature (°C)	25
Capacity (L)	618
Exterior dimensions WxDxH (mm)	720x860x1997
Interior dimensions WxDxH (mm)	600x685x1505
Weight (kg)	133
Insulation (mm)	60
Cooling technology	forced air
Controller model / probe type	G214 / PT1000
Power	
Power supply (V)	230*
Frequency (Hz)	50*
Power consumption (kWh/24h)	9.8
AMP (A)	4.0
Power (Watt)	550
Horse power (HP)	5/8
Alarm functions	
Alarm display as text - not codes	yes
Visual / acoustic alarm	yes / yes
Power failure alarm	yes
Adjustable high / low temperature alarm	yes / yes
Open door alarm	yes
Probe failure alarm	yes
Low battery alarm	yes
Compressor failure alarm	yes
Battery backup for alarms (approx. hrs.)	72
Data logging & external connection	
Voltage free contact for remote alarm (e.g. GSM alarm module)	yes
Electronic data logger	yes
RS 485 port	yes
USB port for software update & data download	yes
Temperature chart recorder	optional
Display features	
Display type	4,3'' with touch buttons
Number of optional reference probes	2
Password protection for turning unit on / off	yes
Temperature graph on display	yes
Other features	
Automatic defrost	yes
Antifreeze function	no
Vacuum release port	no
Access port for external probe etc. (int. diameter mm)	12
Light	no
Lock with key	yes
Castors (total pcs) / castors with brake (pcs)	4 / 2
Fixed feet (pcs) / levelling feet (pcs)	no
Sub lids / inner doors (pcs)	no
Reversible door(s)	yes
Fixed shelves (pcs) / adjustable shelves (pcs)	0 / 3
Max. no. of shelves (pcs) / recommended max. no. of shelves (pcs)	23 / 11
Max. load per shelf (kg)	30
Adjustable drawers (pcs)	optional
Max. no. of adjustable drawers (pcs)	8
Max. load per adjustable drawer (kg)	30
Refrigeration & cabinet	
Number of compressors	1
Refrigerant	R290
Interior cabinet material	stainless steel
Exterior cabinet material	painted steel
Colour (exterior cabinet)	white
Foam type	polyurethane
VIP vacuum insulated panels	no
Shipping	
Shipping weight (kg)	194
Shipping dimensions WxDxH (cm)	102x84x220
Shipping volume (m^3)	1.88

*110V/60Hz available as option   *60Hz also available.

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