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

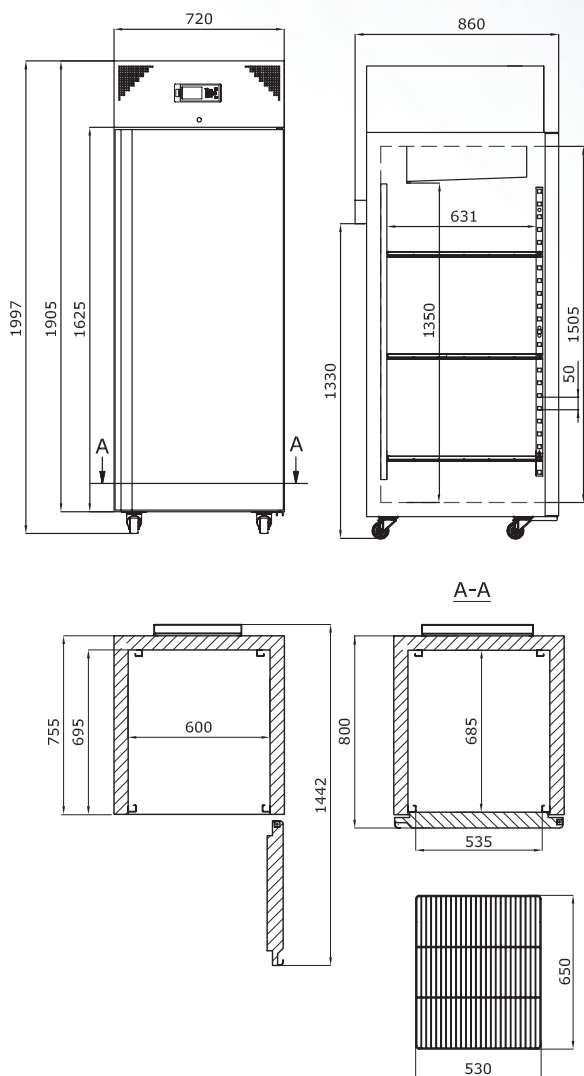FLEXIBLE SHELVES

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

A-A

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)	50/60
	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

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