ARCTIKO LR 300
true cooling specialists

+1°/+10°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

Arctiko's LR range is a highly customizable allowing you to choose between a wide range of universal shelves and drawers.

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

▶ GREAT COOLING PERFORMANCE

Air forced cooling provides superior temperature uniformity and stability.

Forcing the airflow around the shelves and the stored items, ensures that all parts of the unit is equally cold and avoids any cold or hot spots.

Distributed by a powerful fan and open air flow areas along the sides, the air is always distributed evenly throughout the fully loaded unit.

LR 300* ◀

FORCED AIR COOLING

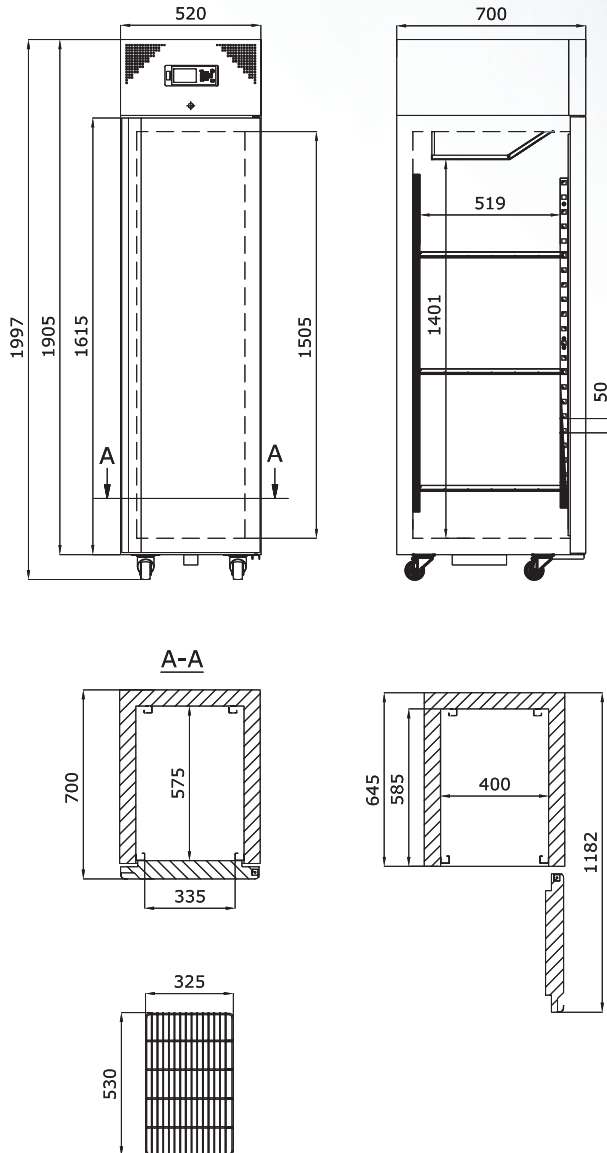AVAILABLE IN ATEX

FILTERLESS CONSTRUCTION

FLEXIBLE SHELVES

* The pictures shown are for reference only, actual product size may vary. Please read the dimensions of the product in the specifications.

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The ARCTIKO LR 300 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
- Wire shelf
- LED Light

MODEL	LR 300
Main specifications	
Item code	DAI 0220
Temperature range (°C)	+1 / +10
Max. ambient temperature (°C)	43
Capacity (L)	346
Exterior dimensions WxDxH (mm)	520x700x1997
Interior dimensions WxDxH (mm)	400x575x1505
Weight (kg)	98
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)	2.3
AMP (A)	1.4
Power (Watt)	199
Horse power (HP)	1/8
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)	143
Shipping dimensions WxDxH (cm)	83x67x220
Shipping volume (m³)	1,22

*110V/60Hz available as option

ISO 9001:2015 Certificate No: 33037

ISO 13485:2016 Certificate No: 0000320341-PA-NA-NOR

CE

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