

## ARCTIKO LR 300®

Item code: DAI 0220 / DAI 0221  
BIOMEDICAL REFRIGERATOR

### Main specification

Item code	DAI 0220 / DAI 0221
Temperature range (°C)	+1 / +10
Max. ambient temperature (°C)	43
Capacity (L)	346
Exterior dimensions WxDxH (mm)	520x690x1997
Interior dimensions WxDxH (mm)	400x585x1505
Weight (kg)	98
Insulation (mm)	60
Cooling technology	air forced
Controller model / probe type	G-214 / PT 1000
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (KWH/24H)	2,4
AMP (A)	1,4
Power (Watt)	199
Horse Power (HP)	1/8

### 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 / sub doors (qty)	no
Reversible doors (qty)	yes
Fixed shelves (pcs) / adjustable shelves (pcs)	0 / 3
Max. no. of shelves (pcs) / recommended max. no. of shelves (pcs)	23 / 11
Max load shelves (kg)	30
Adjustable drawers (pcs)	optional
Max. no. of adjustable drawers (pcs)	8
Max. load per adjustable drawer (kg)	30
Basket	no
Total capacity of 50mm boxes 9x9 dividers (pcs)	no
Total capacity of 75mm boxes 9x9 dividers (pcs)	no
Total capacity of 96mm boxes 9x9 dividers (pcs)	no

### Display / Data / Alarm

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	no
Battery backup for alarms (approx. hrs.)	72
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 type	4,3" touch button
Number of optional reference probes	2
Password protection for turning unit on/off	yes
Temperature graph on display	yes

### Refrigeration & Cabinet

Number of compressors	1
Refrigerant	R290
Interior cabinet material	stainless steel
Exterior cabinet material	electrogalvanized steel / stainless steel
Colour (exterior cabinet)	white / stainless steel
Foam type	polyurethane
VIP vacuum insulated panels	no

### Shipping

Shipping weight (kg)	143
Shipping dimensions (cm)	83x67x220
Shipping volume (m <sup>3</sup> )	1,22

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### Documentation (downloads)

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Product datasheet	Available on website
Dimension drawing	Available on website
Wiring diagram	Available on website
CE-Certificate	Available on website
ISO-Certificate	Available on website
CE-Certificate ATEX approved	Available on website
IQ/OQ	Available on website
Operating instructions	Available on website

### Accessories

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ARCTIKO GSM Alarm Module®	Add-on
ARCTIKO Stainless Steel Drawers®	Add-on
ARCTIKO Voltage Stabilizers®	Add-on
ARCTIKO Voltage Converters®	Add-on
ARCTIKO Temperature Chart Recorder®	Add-on
ARCTIKO Wire Shelves Plastic Coated®	Add-on
ARCTIKO Stainless Steel Wire Shelves®	Add-on
ARCTIKO Perforated Stainless Steel Shelves®	Add-on