



# LR 270-2

**FUNCTIONAL AND FLEXIBLE REFRIGERATOR, DUE TO THE TWO INDIVIDUAL COMPARTMENTS, EACH WITH ITS OWN CONTROLLER.**

Meets the more stringent requirements for lower power consumption, more precise cooling uniformity, temperature and alarm surveillance, documentation and validation, making the LR 270-2 the perfect solution for your biomedical storage.



AVAILABLE IN  
ATEX



AIR FORCED  
COOLING



FILTERLESS  
CONSTRUCTION

## STAINLESS STEEL & SPARK FREE

The unit is available with stainless steel AISI 304 Exterior, so that the interior and exterior is made entirely of stainless steel, providing a stronger more resistant unit.

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 & FUNCTIONAL

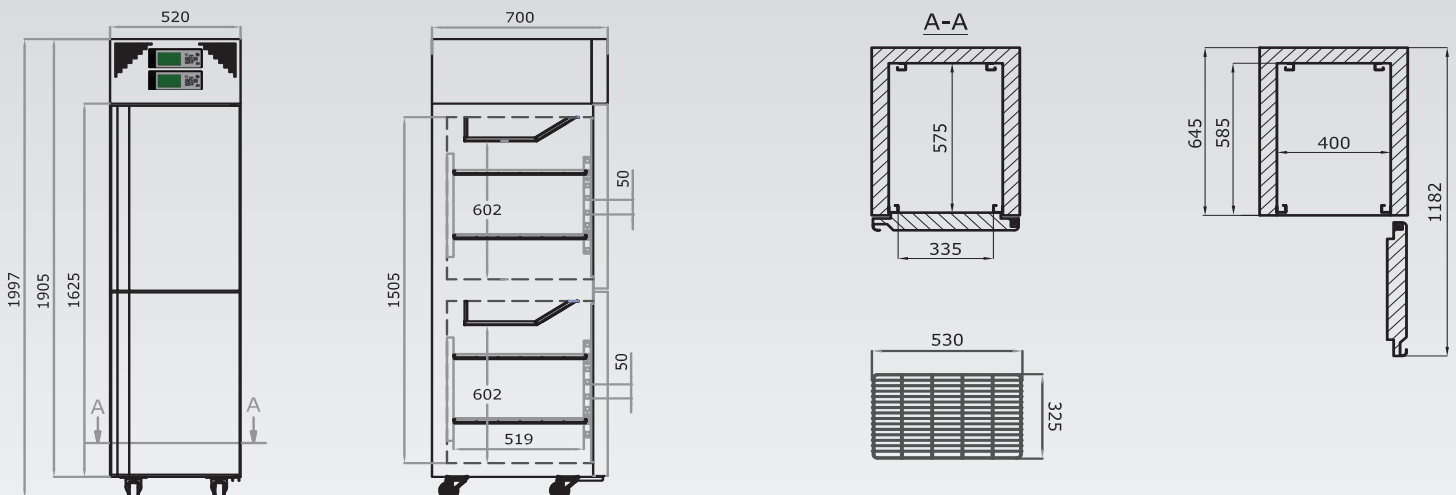
This refrigerator is perfect when you need the possibility for flexible storage. Functional and flexible refrigerator, due to the two individual compartments, each with its own controller. Our universal shelf and drawer guides allow you to mix shelves and drawers for flexible storage. This making the LR 270-2 a highly customizable refrigerator which allows the user to organize their unit exactly as desired.

## 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.

## MAIN DIMENSION FOR LR 270-2



## MAIN SPECIFICATIONS

Item code	DAI 0230 / DAI 0231
Temperature range (°C)	+1 / +10
Max. ambient temperature (°C)	43
Capacity (L)	161 / 161
Exterior dimensions WxDxH (mm)	520x700x1997
Interior dimensions WxDxH (mm)	2x(400x575x700)
Weight (KG)	120
Insulation (mm)	60
Cooling technology	air forced
Controller model / probe type	G214 / PT1000

## POWER

Power supply (V)	230*
Frequency (Hz)	50/60
Power consumption (kWh/24H)	5,9
AMP (A)	2,9
Power (Watt)	421
Horse power (HP)	2 x 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	no
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)	optional
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 / 4
Max. no. of shelves (pcs) / recommended max. no. of shelves (pcs)	16 / 8
Max. load per shelf (kg)	30
Adjustable drawers (pcs)	optional
Max. no. of adjustable drawers (pcs)	6
Max. load per adjustable drawer (kg)	30

## REFRIGERATION & CABINET

Number of compressors	2
Refrigerant	R290
Interior cabinet material	stainless steel
Exterior cabinet material	painted steel / stainless steel
Colour (exterior cabinet)	white / stainless steel
Foam type	polyurethane
VIP vacuum insulated panels	no

## SHIPPING

Shipping weight (KG)	175
Shipping dimensions WxDxH (cm)	83x67x220
Shipping volume (m <sup>3</sup> )	1,22

\*110V/60Hz available as option

## OPTIONAL ACCESSORIES

GSM alarm module  
Temperature chart recorder  
Shelves (perforated, wire)  
Drawers (stainless steel)  
Modbus adapter  
Voltage stabilizer  
Voltage converters  
LED light

## Arctiko A/S

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