

## LR SERIES

- White or stainless steel exterior
- Castors
- Stainless steel interior
- Key lock on door
- Automatic door closing
- Reversible door
- Air forced cooling
- Adjustable shelves

## ALL STANDARD FEATURES

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Prepared for GSM alarm
- Prepared for connection of 2 additional probes
- Auto cycle in case of probe failure
- Ambient temperature display
- Direct download of logged data on USB memory stick
- Direct upload of new software via USB memory stick
- 3-level password protected
- Battery level indication
- Display text available in different languages
- Temperature graph
- Integrated data logger
- RS485/RS232 interface
- Integrated memory for 20 years
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Shows all alarms

MODEL	LR 100
Item code	DAI 0280
Dimensions exterior WxDxH (mm)	610x659x790
Capacity (L)	94
Temperature range (°C)	+1 / +10
Power supply (V)	230
Frequency (Hz)	50/60

+1 / +10 °C

# LR 100

Laboratory refrigerator



**Battery backup - 72 hours**



**Integrated data logger with memory**



**RS485/RS232 interface**



**On/off protection**



Our LR range offers high temperature uniformity and stability and is produced with attention to details as well as user friendly features. It is available with different capacities and offers you the best in technology and reliability.

# ARCTIKO

The art of simplicity®

# Technical specifications

Item code (DAI no.)	DAI 0280
Dimensions exterior WxDxH (mm)	610x659x790
Capacity (L)	94
Dimensions interior WxDxH (mm)	490x440x434
Insulation (mm)	60
Temperature range (°C)	+1 / +10
Max. ambient temperature (°C)	43
Power supply (V)	230
Frequency Hz	50/60
Power consumption (KWH/24H)	2,2
Current (A)	1,4
Weight (KG)	61
Shipping weight (KG)	78
Shipping weight with wooden box (KG)	-
Shipping dimensions WxDxH (mm)	840x720x1010
Shipping dimensions with wooden box WxDxH (mm)	-
No. of compressors	1
Visual / acoustic alarm	Yes
Power failure alarm	Yes
Adjustable high/low temperature alarm	Yes
Open door alarm	Yes
Probe failure alarm	Yes
Alarm display as text - not codes	Yes
Contact for remote alarm	Yes
Prepared for GSM alarm module	Yes
Approx. hrs of battery back up for alarms and temperature display in the event of power cut	72 hours
Porthole for installation o PT100/CO <sub>2</sub> back up	No
Digital display	Yes
Data logger	Yes
RS 232 interface	Yes
RS 485 interface	Yes
USB up/down load	Yes
Defrost manual / auto	Yes
Castors	Yes
Chart recorder	Optional
Shelve (pcs)	2
Adjustable shelves (pcs)	2
Basket (pcs)	-
Sub lids / doors (pcs)	-
Lighting	No
Lock	Yes
Inner liner material	Stainless steel
Caninet material	Varnished steel / Stainless steel *
Colour (exterior)	White / Stainless steel *
Refrigerant	R134a

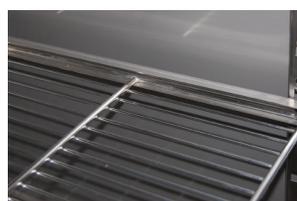
# Optional



**1** The GSM alarm module sends a SMS message to one or several coded telephone numbers in case the temperature exceeds a fixed range.



**2** SVS voltage stabilizers for excellent output voltage stability in case the voltage rises or drops.



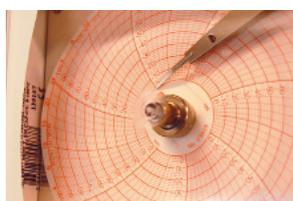
**3** The stainless steel wire shelf is of high quality and ensures a long life span.



**4** The perforated stainless steel shelf ensures stable storage due to its flat surface.



**5** The stainless steel drawer with adjustable dividers is a perfect option for flexible and categorized storage.



**6** Chart recorder for documentation of the temperature condition over a certain period of time.



\* Optional, please contact us

We reserve the right to change specifications without notice and subject to errors.



CO<sub>2</sub>CARE



[www.arctiko.com](http://www.arctiko.com)

[www.co2care.eu](http://www.co2care.eu)