

## LFF SERIES

- White or stainless steel exterior
- Castors
- Stainless steel interior
- Door key lock
- 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                          | LFF 270              |
|--------------------------------|----------------------|
| Item code                      | DAI 0235             |
| Dimensions exterior WxDxH (mm) | 520x700x1997         |
| Capacity (L)                   | 160 / 160            |
| Temperature range (°C)         | +1 / +10 & -30 / -10 |
| Power supply (V)               | 230                  |
| Frequency (Hz)                 | 50/60                |

**+1 / +10 °C**  
**-30 / -10 °C**

# LFF 270

Laboratory fridge / freezer

AVAILABLE  
WITH SPARK FREE  
INTERIOR



**Battery backup - 72 hours** ←

**Integrated data logger with memory** ←

**RS485/RS232 interface** ←

**On/off protection** ←

The LFF fridge/freezer range offers flexible storage at both positive and negative temperatures. The range is equipped with our advanced controller where all necessary features always come as standard and which is designed with focus on details and user friendliness. A new option is our LFFG models which features a glass door on the fridge section for a quick overview of the stored items.

# ARCTIKO

The art of simplicity®

# Technical specifications

|   |                                     |
|---|-------------------------------------|
| Item code   | DAI 0235                            |
| Dimensions exterior WxDxH (mm)  | 520x700x1997                        |
| Capacity (L)  | 160 / 160                           |
| Dimensions interior WxDxH (mm)  | 2x(400x575x700)                     |
| Insulation (mm)   | 60                                  |
| Temperature range (°C)  | +1 / +10 & -30 / -10                |
| Max. ambient temperature (°C)   | 32                                  |
| Power supply (V)  | 230                                 |
| Frequency (Hz)  | 50/60                               |
| Power consumption (KWH/24H)   | 2,4 / 7,2                           |
| Current (A)   | 1 / 1                               |
| Weight (KG)   | 120                                 |
| Shipping weight (KG)  | 163                                 |
| Shipping weight with wooden packaging (KG)  | -                                   |
| Shipping dimensions WxDxH (mm)  | 900x740x2200                        |
| Shipping dimensions with wooden packaging WxDxH (mm)  | -                                   |
| No. of compressors  | 2                                   |
| 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 of 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                            |
| Shelves (pcs)   | 4                                   |
| Adjustable shelves  | 4                                   |
| Baskets (pcs)   | No                                  |
| Sub lids / doors (pcs)  | No                                  |
| Lighting  | No                                  |
| Lock  | Yes                                 |
| Inner liner material  | Stainless steel                     |
| Cabinet material  | Varnished steel / stainless steel * |
| Colour (exterior)   | White / stainless steel *           |
| Refrigerant   | R134a / R404a                       |

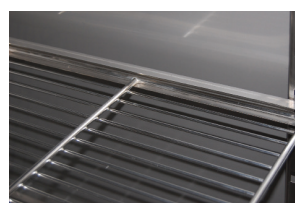
## Optional



**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.



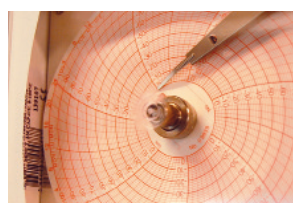
**3** The stainless steel wire shelf is of high quality and ensures a long life span.



**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)

## LFF SERIES

- White or stainless steel exterior
- Castors
- Stainless steel interior
- Door key lock
- 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                          | LFF 660              |
|--------------------------------|----------------------|
| Item code                      | DAI 0265             |
| Dimensions exterior WxDxH (mm) | 720x860x1997         |
| Net capacity (L)               | 290 / 290            |
| Temperature range (°C)         | +1 / +10 & -30 / -10 |
| Power supply (V)               | 230                  |
| Frequency (Hz)                 | 50/60                |

**+1 / +10 °C**  
**-30 / -10 °C**

# LFF 660

Laboratory fridge / freezer



**Battery backup - 72 hours** ←

**Integrated data logger with memory** ←

**RS485/RS232 interface** ←

**On/off protection** ←

The LFF fridge/freezer range offers flexible storage at both positive and negative temperatures. The range is equipped with our advanced controller where all necessary features always come as standard and which is designed with focus on details and user friendliness. A new option is our LFFG models which features a glass door on the fridge section for a quick overview of the stored items.

# ARCTIKO

The art of simplicity®

# Technical specifications

|   |                         |
|---|-------------------------|
| Item code   | DAI 0265                |
| Dimensions exterior WxDxH (mm)  | 720x860x1997            |
| Capacity (L)  | 290 / 290               |
| Dimensions interior WxDxH (mm)  | 2x(600x685x700)         |
| Insulation (mm)   | 60                      |
| Temperature range (°C)  | +1 / +10 & -30 / -10    |
| Max. ambient temperature (°C)   | 32                      |
| Power supply (V)  | 230                     |
| Frequency (Hz)  | 50/60                   |
| Power consumption (KWH/24H)   | 2,95 / 9,2              |
| Current (A)   | 1,6 / 4,7               |
| Weight (KG)   | 163                     |
| Shipping weight (KG)  | 193                     |
| Shipping weight with wooden packaging (KG)  | -                       |
| Shipping dimensions WxDxH (mm)  | 990x840x2200            |
| Shipping dimensions with wooden packaging WxDxH (mm)  | -                       |
| No. of compressors  | 2                       |
| 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 of 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                |
| Shelves (pcs)   | 4                       |
| Adjustable shelves  | 4                       |
| Baskets (pcs)   | No                      |
| Sub lids / doors (pcs)  | No                      |
| Lighting  | No                      |
| Lock  | Yes                     |
| Inner liner material  | Stainless steel         |
| Cabinet material  | Varnished steel         |
| Colour (exterior)   | White / stainless steel |
| Refrigerant   | R134a / R404a           |

## 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.

\* Optional, please contact us

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



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

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