



## BIOMEDICAL REFRIGERATOR

With its low energy consumption, our eco-friendly Flexaline series offers an excellent level of flexibility, security, and reliability. Track your temperature data continuously with our digital controller which features an intergrated data logger.

### ▶ EXTRA SECURITY

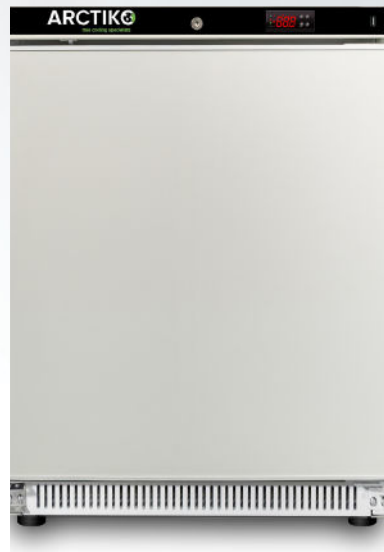
- High/low temperature alarms and open-door alarms with audio and visual indication.
- Data logger for continuous temperature tracking.
- Backup battery for the digital controller and data logger during a possible power failure.
- Built-in lock with keys to restrict access to the stored samples.

### ▶ FLEXIBILITY

- The position of the shelves are easily adjustable for your storage needs.
- Easy positioning on uneven floors using four integrated leveling feet.
- Reversible door coming with the left-handed opening as a default.

### ▶ OTHER BENEFITS

- LED light can be customized for all-the-time lighting, even when the refrigerator doors are closed.
- USB port for extracting logged data.
- Remote alarm interface.
- Porthole for inserting your own temperature monitoring equipment.
- Air-forced cooling for maximum temperature uniformity, stability and quick temperature recovery following door openings.



LRE 125



The digital controller features visual and acoustic alarms, high/low-temperature alarms, open-door alarms and a data logger.



The shelves are easily adjustable to offer the best flexibility for your storage needs.



All models in our Flexaline range feature durable, cost saving LED lighting for better overview of your samples.



DATA LOGGER



USB PORT



AIR FORCED COOLING



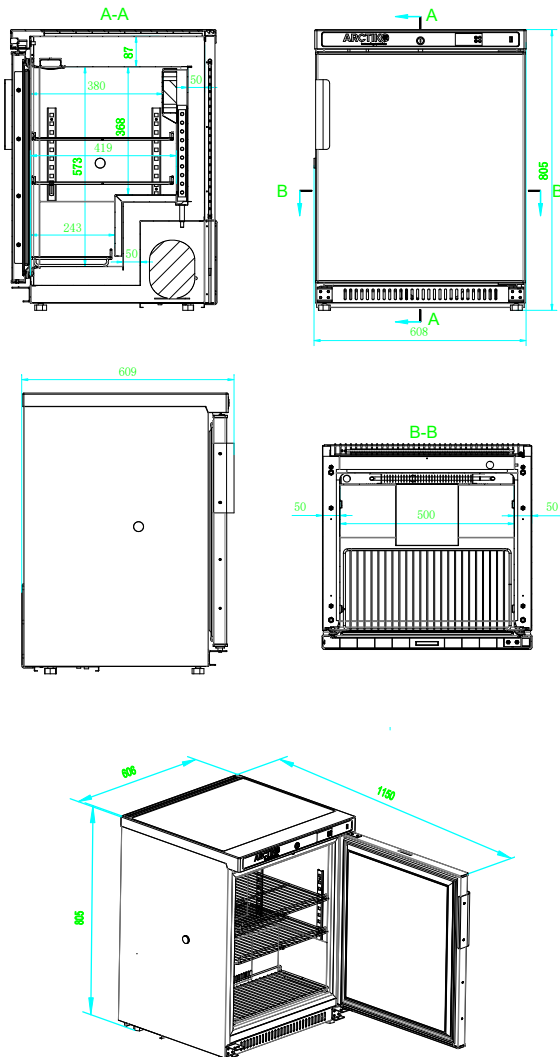
ADJUSTABLE SHELVES



VARIOUS SAFETY FEATURES

The ARCTIKO Flexaline series includes the following features, and more:

- Eco Friendly Refrigerant
- 100% HCFC & CFC FREE
- Low Energy Consumption
- Adjustable Shelves
- Key Lock on Door
- Remote Alarm Interface



| MODEL  |   | LRE 125                        |
|--|---|--------------------------------|
| Main specifications  | Item code   | 1900025-01                     |
|  | Temperature range (°C)  | 2°C to 8°C                     |
|  | Ambient temperature (°C)  | 16°C to 32°C                   |
|  | Capacity (L)  | [121 / 109]                    |
|  | Exterior dimensions WxDxH (mm)                                    | 608×610×805                    |
|  | Interior dimensions WxDxH (mm)                                    | 500×450×570                    |
|  | Weight (KG)   | 42                             |
|  | Insulation (mm)   | 50                             |
|  | Cooling technology  | Air-forced                     |
|  | Controller model / probe type                                     | Honker / NTC                   |
| Power  | Power supply (V)  | 230                            |
|  | Frequency (Hz)  | 50/60                          |
|  | Power consumption (kWh/24h)                                       | 1,9                            |
|  | AMP (A)   | 0,9                            |
|  | Power (Watt)  | 131                            |
|  | Horsepower (HP)   | 1/6                            |
| Alarm functions  | Alarm (displayed as text, not codes)                              | No                             |
|  | 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  |                                |
| Data logging & external connection                             | Voltage-free contact for remote alarm (e.g. GSM alarm module)     | Yes                            |
|  | Electronic data logger  | Yes                            |
|  | USB port for software update & data download                      | Yes                            |
|  | Temperature chart recorder  | No                             |
| Display/features   | Display type  | Digital                        |
|  | Number of optional reference probes                               | N/A                            |
|  | Password protection for turning unit on / off                     | No                             |
|  | Temperature graph on display                                      | No                             |
| Other features   | Automatic defrost   | Yes                            |
|  | Antifreeze function   | Yes (2°C)                      |
|  | Vacuum release port   | No                             |
|  | Access port for external probe etc. (int. diameter mm)            | 20                             |
|  | Light   | Yes                            |
|  | Lock with key   | Yes                            |
|  | Castors (total pcs) / castors with brake (pcs)                    | No                             |
|  | Fixed feet (pcs) / levelling feet (pcs)                           | 4 / 4                          |
|  | 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) | 3 / 3                          |
|  | Max load per shelf (kg)   | 19                             |
|  | Adjustable drawers (pcs)  | N/A                            |
|  | Max. no. of adjustable drawers (pcs)                              | N/A                            |
| Max. load per adjustable drawer (kg)                           | N/A   |                                |
| Max. no. of blood bags - by standard no. of adj. drawers (pcs) | N/A   |                                |
| Max. no. of blood bags - by max. no. of adj. drawers (pcs)     | N/A   |                                |
| Refrigeration & cabinet  | Number of compressors   | 1                              |
|  | Refrigerant   | R600a                          |
|  | Interior cabinet material   | Powder coated aluminum plate   |
|  | Exterior cabinet material   | Powder coated galvanized steel |
|  | Colour (exterior cabinet)   | White                          |
|  | Foam type   | Cyclopentane                   |
| Shipping   | VIP vacuum insulated panels                                       | No                             |
|  | Shipping weight (kg)  | 48                             |
|  | Shipping dimensions WxDxH (cm)                                    | 650×664×872                    |
| Shipping volume (m <sup>3</sup> )                              | 0,38  |                                |