ARCTIKO LF 650
true cooling specialists

-10°C / -25°C

BIOMEDICAL FREEZER
With its low energy consumption, Arctiko's eco-friendly LF series offers flexibility, security, and reliability for users. The Carel controller features an integrated data logger, which can be accessed via Bluetooth.

▶ ENERGY STAR CERTIFIED

Energy Star certified, guaranteeing exceptional energy efficiency and reduced environmental impact, while maintaining superior performance in temperature-sensitive storage applications.

▶ INTEGRATED DATA LOGGER

Combining accurate temperature monitoring for optimal sample storage and regulatory compliance, the integrated data logger empowers you with on-the-go control via detailed graphs, alarms, and settings accessible through your phone's Bluetooth connection to the unit's display.

▶ FORCED AIR COOLING

Forced air cooling provides excellent temperature stability. Forcing the airflow around the stored items ensures quick temperature recovery after door openings.

▶ KEY LOCK SECURITY

Equipped with a secure key lock, providing an added layer of protection for valuable contents and preventing unauthorized access. This feature ensures the integrity and confidentiality of stored items, making it ideal for environments where security is paramount.

▶ SNAP/EPA COMPLIANT REFRIGERANT

Utilizes refrigerants that are fully compliant with the Environmental Protection Agency (EPA) and the Significant New Alternatives Policy (SNAP) regulations, ensuring environmentally responsible operation without compromising performance or safety.

LF 650 ◀

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

Easily adjustable shelves in order to offer best flexibility for your storage needs.

DATA LOGGER

AIR FORCED COOLING

ADJUSTABLE SHELVES

VARIOUS SAFETY FEATURES

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

* The pictures shown are for reference only, actual product size may vary. Please read the dimensions of the product in the specifications.
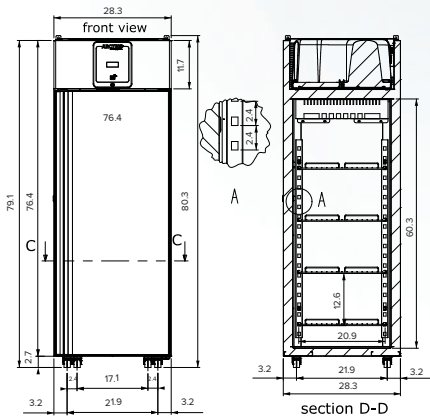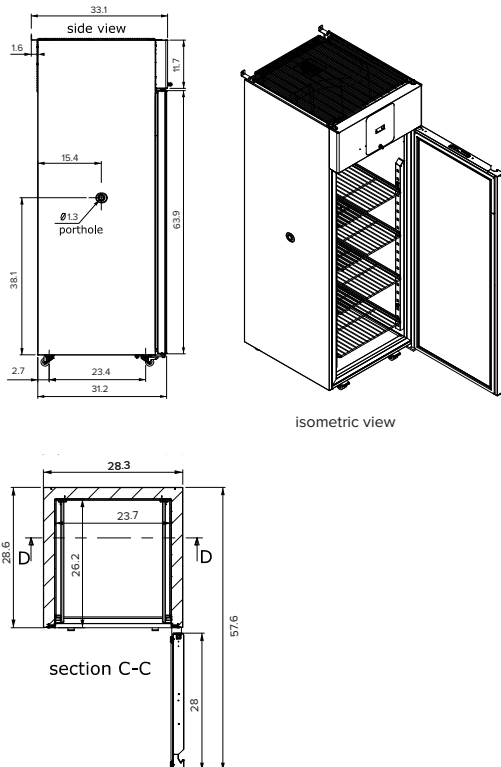
ARCTIKO LF 650
true cooling specialists

The ARCTIKO PR, LR and LF series includes the following features, and more:

- Forced Air Cooling
- Low Energy Consumption
- Key Lock on Door
- Carel controller
- Remote Alarm Interface
- Monoblock Technology
- Eco Friendly Refrigerant

front view

section D-D

side view

isometric view

section C-C

MODEL	LF 650
Main specifications	
Item code	1400028-01
Temperature range (°C)	-25°C to -10°C
Ambient temperature (°C)	40°C
Capacity (L)	700
Capacity (cu.FT)	24.72
Exterior dimensions WxDxH (inches)	28x31x79
Interior dimensions WxDxH (inches)	24x26x60
Weight (lb)	132
Insulation (inches)	2.36
Cooling technology	Air Forced
Controller model / probe type	Carel iJS / NTC
Power	
Power supply (V)	115
Frequency (Hz)	60
Power consumption (kWh/24h)	5.43
AMP (A)	5.2
Power (Watt)	500
Horsepower (HP)	1/2
Alarm functions	
Alarm (displayed 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
Data logging & external connection	
Voltage-free contact for remote alarm (e.g. GSM alarm module)	Yes
Bluetooth data download	Yes
Electronic data logger	Yes
Display features	
Lockable display to prevent accidental shutdowns	Yes
Temperature Graph Available via app	Bluetooth
Number of optional reference probes	2
Other features	
Automatic defrost	Yes
Vaccum release port	Yes
Access port for external probe etc.	Yes
Light	Yes
Lock with key	Yes
Castors (total pcs) / castors with brake (pcs)	4 / 2
Reversible door(s)	Yes
Fixed shelves (pcs) / adjustable shelves (pcs)	3
Max. no. of shelves (pcs) / recommended max. no. of shelves (pcs)	6
Max load per shelf (lb)	99
Adjustable drawers (pcs)	Optional
Max. no. of adjustable drawers (pcs)	6
Max. load per adjustable drawer (lb)	99
Refrigeration & cabinet	
Number of compressors	1
Refrigerant	R290
Interior cabinet material	PVC film coated and Anticorrosion treated hot-dip Galvanized steel
Exterior cabinet material	PVC film coated and Anticorrosion treated hot-dip Galvanized steel
Colour (exterior cabinet)	White
Foam type	Cyclopentane polyurethane
Shipping weight (lb)	396
Shipping dimensions WxDxH (inches)	32x36x87
Shipping volume (cu.FT)	56.86

Actual performance of products may vary upon various factors.