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.
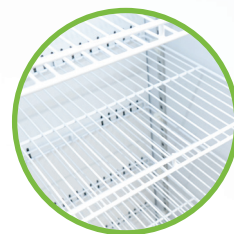
▶ KEY LOCK SECURITY

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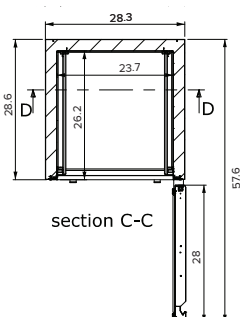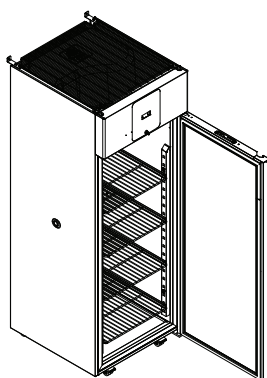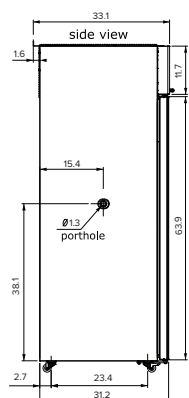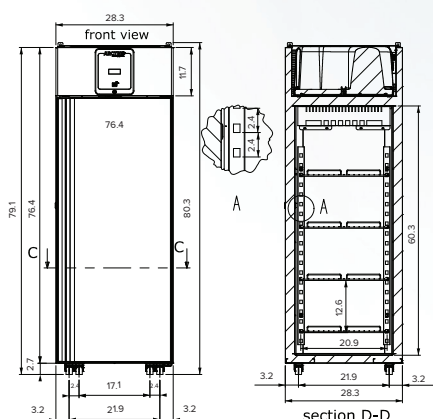
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The ARCTIKO PR, LR and LF series includes the following features, and more:

- 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)	614
	Capacity (cu.FT)	22
	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

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ENERGY STAR

Actual performance of products may vary upon various factors.