ARCTIKO

true cooling specialists

Flexaline **LFE 490**

-25°C to -10°C

BIOMEDICAL FREEZER

ARCTIKO's LFE 490 is an upright freezer, offering the superior features required for biomedical applications. With an upright configuration and a substantial 491L capacity, this freezer ensures precise temperature control ranging from -25°C to -10°C.

▶ **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**

Integrated data logger, providing accurate monitoring of temperature conditions. This allows for precise data recording and analysis, ensuring optimal storage conditions for critical samples and maintaining regulatory compliance.

▶ **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.

LFE 490 ◀

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

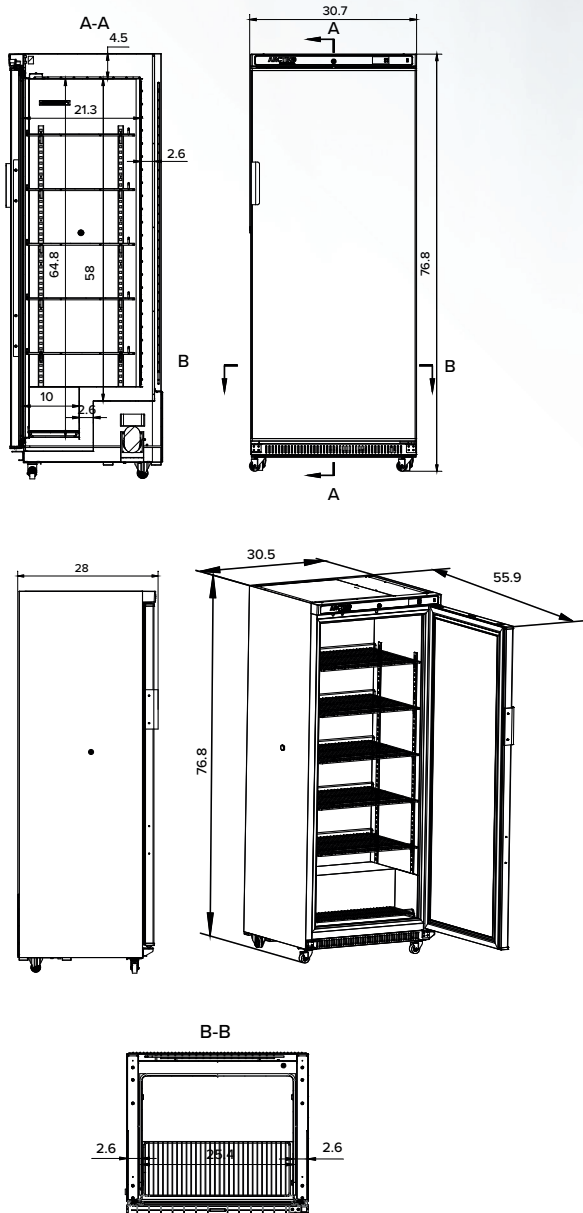The shelves are easily adjustable to offer the best flexibility for your storage needs.

DATA LOGGER

USB PORT

STATIC COOLING

VARIOUS SAFETY FEATURES

All models in our Flexaline range 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 Flexaline series includes the following features, and more:

- Energy star certified
- SNAP/EPA compliant refrigerant
- Built-in data logger
- Key lock
- Microprocessor controller
- Adjustable shelves
- Access port for external sensor
- Anti freeze thermostat

MODEL		LFE 490
Main specifications	Item code	1900038-01
	Temperature range (°C)	-25°C to -10°C
	Ambient temperature (°C)	16°C to 32°C
	Capacity (L)	[520 / 491]
	Exterior dimensions WxDxH (mm)	780x710x1950
	Interior dimensions WxDxH (mm)	645×530×1645
	Weight (KG)	99
	Insulation (mm)	65
	Cooling technology	Static cooling
	Controller model / probe type	Honker / NTC
Power	Power supply (V)	230
	Frequency (Hz)	50/60
	Power consumption (kWh/24h)	2,8
	AMP (A)	1,6
	Power (Watt)	185
	Horsepower (HP)	1/4
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	No
	Antifreeze function	No
	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)	4/2
	Fixed feet (pcs) / levelling feet (pcs)	4/0
	Sub lids / inner doors (pcs)	No
	Reversible door(s)	Yes
	Fixed shelves (pcs) / adjustable shelves (pcs)	0 / 7
	Max. no. of shelves (pcs) / recommended max. no. of shelves (pcs)	7 / 7
	Max load per shelf (kg)	37
	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	R290
	Interior cabinet material	Powder coated aluminum plate
	Exterior cabinet material	Powder coated galvanized steel
	Colour (exterior cabinet)	White
	Foam type	Cyclopentane
	VIP vacuum insulated panels	No
Shipping	Shipping weight (KG)	117
	Shipping dimensions WxDxH (mm)	825x750x2029
	Shipping volume (m³)	1,25

Actual performance of products may vary upon various factors.