

ARCTIKO Flexaline LFE 490

true cooling specialists



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.



DATA LOGGER



USB PORT



STATIC COOLING



VARIOUS SAFETY FEATURES



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.

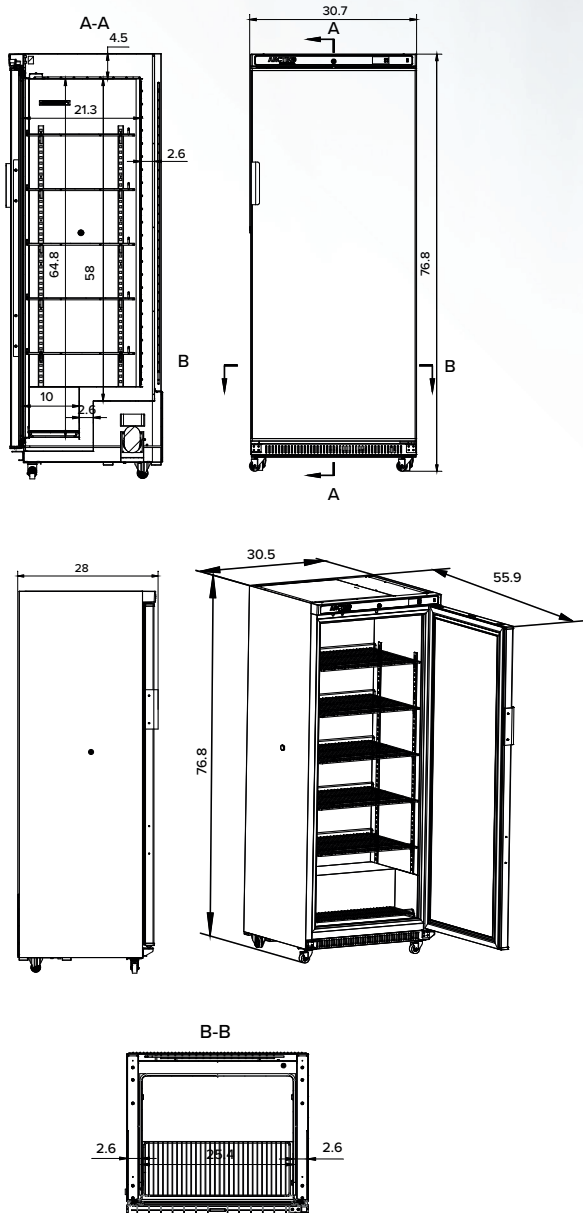


All models in our Flexaline range feature durable, cost saving LED lighting for better overview of your samples.

* The pictures shown are for reference only, actual product size may vary. Please read the dimensions of the product in the specifications.

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)	645x530x1645
	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