ARCTIKO
true cooling specialists

Flexaline **LRE 490-US**

2°C to 8°C

BIOMEDICAL REFRIGERATOR

The ARCTIKO Flexaline LRE 490-US, is an upright pharmaceutical refrigerator designed to fulfill the most severe pharmaceutical application standards. This refrigerator, with a glass door and a large 17.23 ft^3 capacity, enables accurate temperature control between +2°C and +8°C. This model matches ARCTIKO's commitment to sustainability by featuring single compressor technology for easy maintenance, low energy usage and noise reduction.

▶ 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.

▶ 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.

LRE 490-US ▲

Microprocessor controller with visual and acoustic alarms, high/low temperature alarm, open door alarm, and integrated data logger.

Adjustable shelves for flexible storage.

All models feature durable and cost-saving, customizable LED lighting for improved sample visibility.

DATA LOGGER

USB PORT
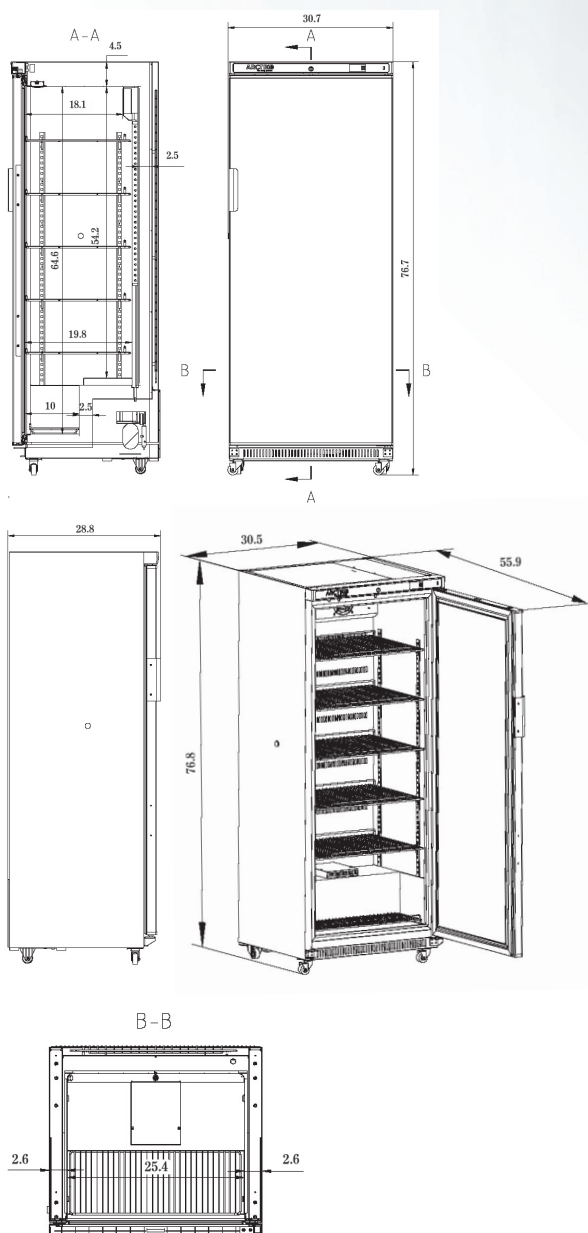
FORCED AIR COOLING

ADJUSTABLE SHELVES

VARIOUS SAFETY FEATURES

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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
- Automatic defrost
- Access port for external sensor
- Anti freeze thermostat

MODEL		LRE 490-US
Main specifications	Item code	1900033-01
	Temperature range (˚C)	+2 / +8 °C
	Max Ambient temperature (°C)	+32 °C
	Capacity (L)	488
	Capacity (cu.FT)	17.23
	Exterior dimensions WxDxH (inches)	31 x 28 x 77
	Interior dimensions WxDxH (inches)	25 x 20 x 65
	Weight (lb)	218
	Insulation (Inches)	2.56
	Cooling technology	Forced Air
	Controller model / probe type	Honker / NTC
Power	Power supply (V)	110
	Plug Type	5-15P
	Cord Length	2.0 m
	Frequency (Hz)	60
	Power consumption (kWh/24h)	2.8
	AMP (A)	2.5
	Power (Watt)	225
	Horsepower (HP)	1/3
Alarm functions	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
	Electronic data logger	Yes
	USB port for software update & data download	Yes
Display features	Display type	Digital
Other features	Automatic defrost	Yes
	Antifreeze function	Yes
	Access port for external probe etc. (int. diameter "In")	0.79
	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)	0 / 7
	Max. no. of shelves / recommended max. no. of shelves (pcs)	7 / 7
	Max load per shelf (lb)	68
Refrigeration & cabinet	Number of compressors	1
	Refrigerant	R600a
	Interior cabinet material	Pre-coated aluminum sheet
	Exterior cabinet material	Galvanized steel powder coating
	Colour (exterior cabinet)	White
	Foam type	Cyclopentane
Shipping	Shipping weight (lb)	255.7
	Shipping dimensions WxDxH (inches)	33 x 30 x 80
	Shipping volume (cu.FT)	45.91

ETL LISTED c US Intertek

ENERGY STAR

Actual performance of products may vary upon various factors.