Legacy Lab Supplies

PRODUCT BROCHURE · HAIER BIOMEDICAL

Haier Spark-Free Explosion-Proof Laboratory Refrigerator +3 to +16˚C , 310 L / 115V

SKU HLR-310FL · Cold Storage · Refrigerators

QUICK VIEW

The Haier HLR-310FL is a spark-free, ATEX-certified explosion-proof laboratory refrigerator for storing flammable and volatile reagents safely, with

SOURCING

Authorized U.S. distributor

Haier Biomedical
Intelligent Protection of Life Science

Laboratory Refrigerator

HLR-310FL

Scope of Application:

This product is suitable for storing inflammable and explosive reagents in laboratories of universities and scientific research institutes

Innovative Design

- Explosion Proof Fan
- Setting Temperature Range +3°C to +16°C
- Energy Star® Certified
- 360° Explosion Proof Interior
- ATEX Certified

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Product Advantages

ATEX II C-T6 EU Explosion Proof Certified

Our 360° all-around explosion proof system uses an antistatic liner, gasket and explosion proof fan motor. It is also equipped with an overcurrent and overvoltage protection system. All components within the unit are earthed to ensure static is discharged safely.

Setting Temperature Range +3°C to +16°C

The setting temperature can be adjusted within the range of 3°C to 16 °C to meet multi-temperature storage requirements. With precise control, the internal temperature variation can be kept within 3°C for great temperature uniformity.

Energy Efficient Design

The hydrocarbon cooling system doubles the cooling efficiency and saves half the energy when compared to traditional refrigerants. In addition, the cabinet is fitted with an energy saving explosion proof fan.

Safe and Secure

Built-in lock and adapter kit to allow users to add a padlock. Lockable control panel to prevent anyone turning off the unit by mistake or adjusting the temperature by accident.

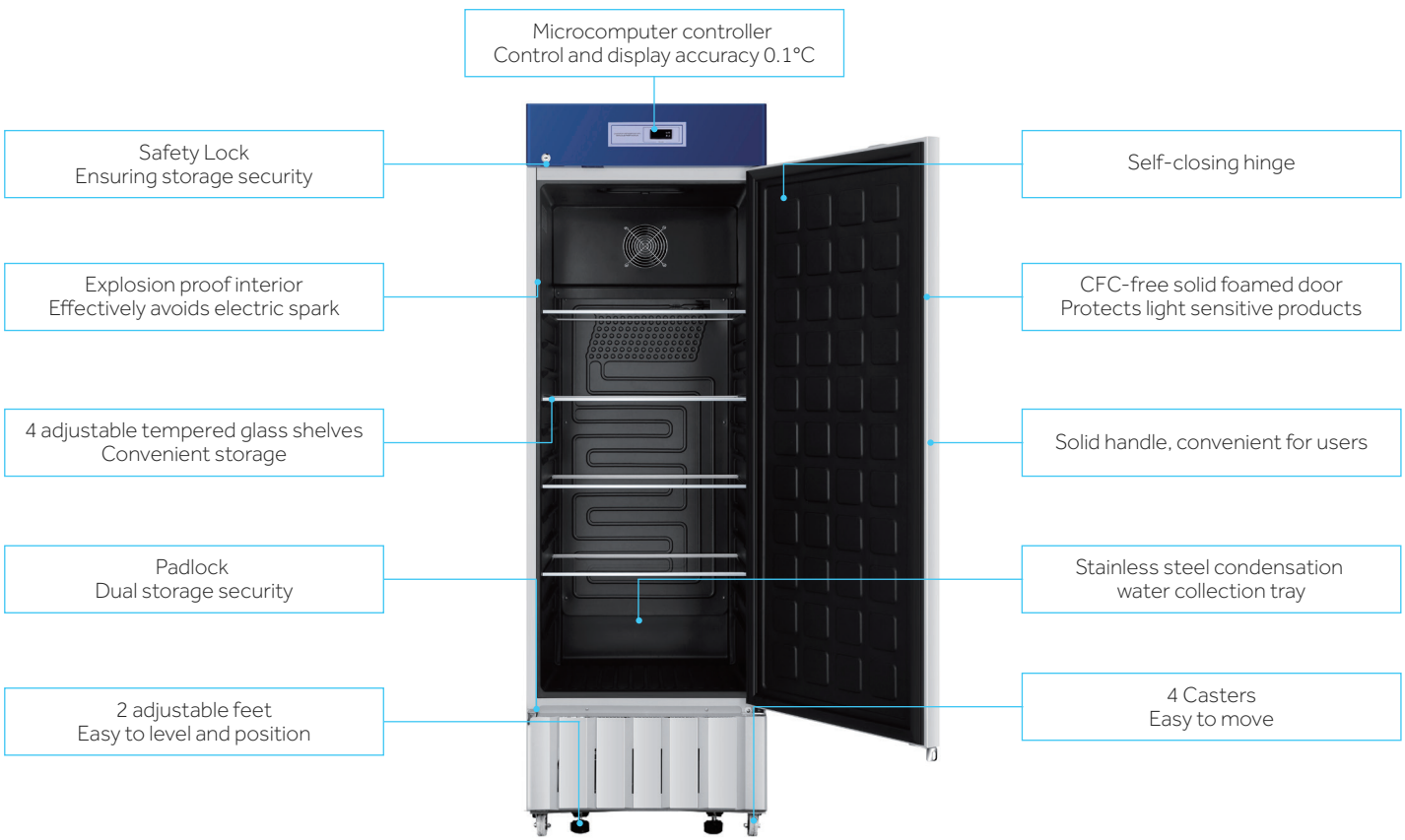
Clear and Complete Alarm System with One Key Search

Multiple alarms and data function which allows users to check and save historical data, useful and convenient for laboratory inspection processes.

Multiple Alarms

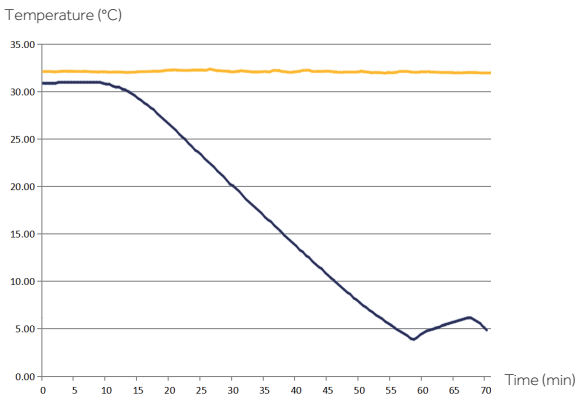
The refrigerator comes with high/low temperature alarm, door ajar alarm, sensor error alarm.

Product Introduction

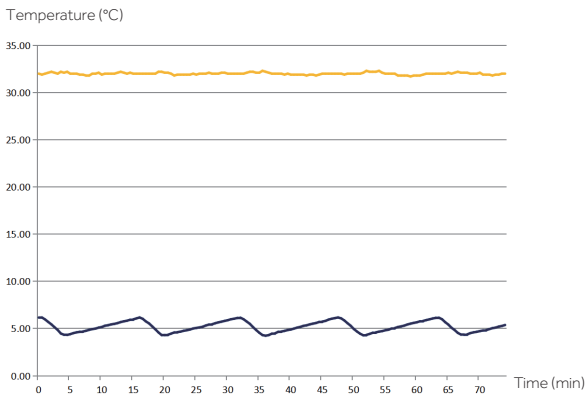


Temperature Curve

Cooling Down Curve

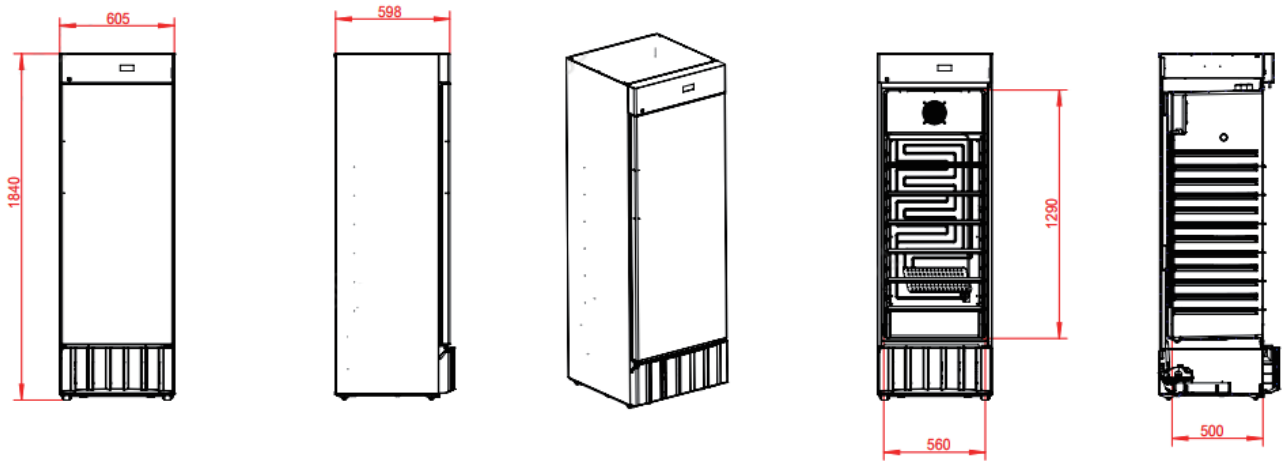


Stability Curve



Internal Temperature
Ambient Temperature

Product Dimensions



Specifications

Model			HLR-310FL
Technical Data	Type		Upright
	Climate Class		N
	Cooling Type		Forced Air Cooling
	Defrost Mode		Auto
	Refrigerant		R600a, 40g
	Sound Level (dB(A))		43
Performance	Temperature Range (°C)		3~16 Adjustable
	Ambient Temperature (°C)		16~32
Control	Controller		Microprocessor
	Display		LED
Electrical Data	Power Supply (V/HZ)		115/60
	Power (W)		210
	Electrical Current (A)		2.5
Dimension	Capacity (L/Cu.Ft)		310/10.9
	Net/Gross Weight (approx)	kg	72/83
		lbs	158.7/183
	Interior Dimensions (W*D*H)	mm	560*500*1290
		in	22.0*19.7*50.8
	Exterior Dimensions (W*D*H)	mm	605*598*1840
		in	23.8*23.6*73.6
	Packing Dimensions (W*D*H)	mm	660*670*2020
		in	26*26.4*79.5
	Container Load (20'/40'/40'H)		24/51/51
Alarms	High/Low Temperature		Y
	Sensor Error		Y
	Door Ajar		Y
Accessories	Caster		4
	Foot		2
	Shelves/Baskets		4/0
	Water tray		1
	Padlock Adapter Kit/Quantity		1
	Built-in Key Door Lock/Quantity		1
Others	Certification		UL, ATEX, Energy star

*Haier Biomedical reserves the right to change products and specifications without prior notice.