



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**

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HLR-310FL

Flammable Storage Refrigerator

Scope of Application:

This product is suitable for storing inflammable materials 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

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Product Advantages



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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.



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.



Multiple Alarms

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



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.



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.

Product Introduction



Microcomputer controller
Control and display accuracy 0.1°C

Safety Lock
Ensuring storage security

Self-closing hinge

Explosion proof interior
Effectively avoids electric spark

CFC-free solid foamed door
Protects light sensitive products

4 adjustable tempered glass shelves
Convenient storage

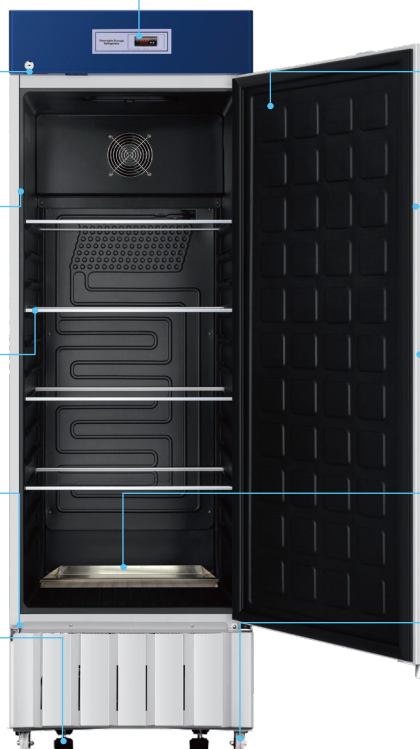
Solid handle, convenient for users

Padlock
Dual storage security

Stainless steel condensation
water collection tray

2 adjustable feet
Easy to level and position

4 Casters
Easy to move



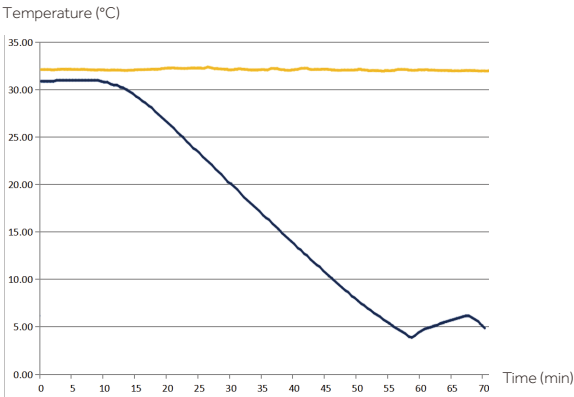
Temperature Curve



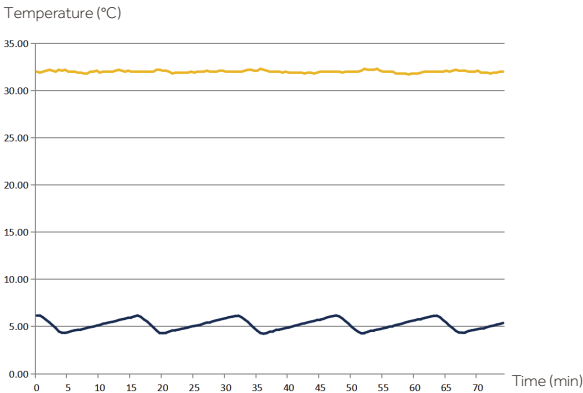
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Cooling Down Curve

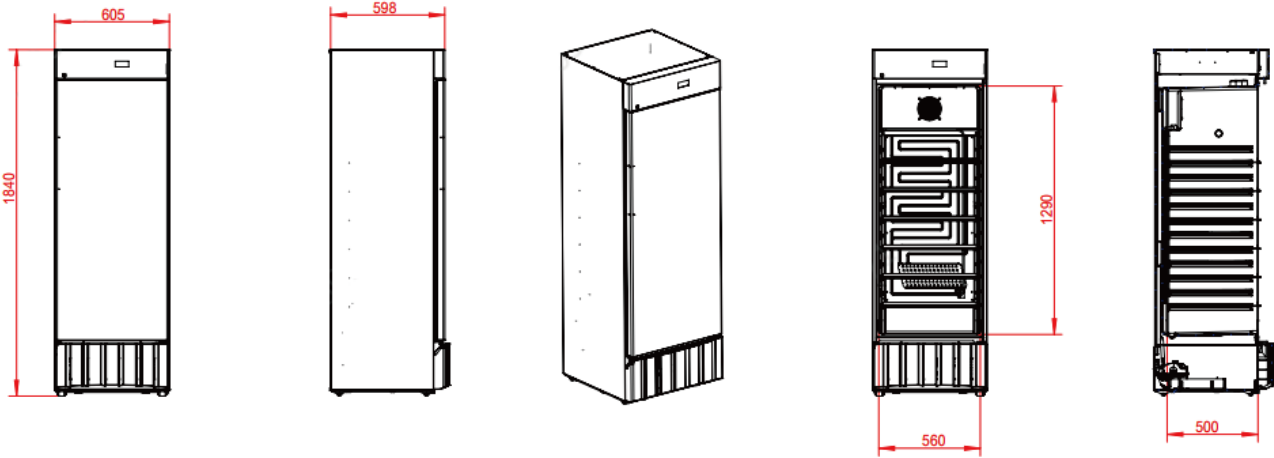


Stability Curve



— Internal Temperature
— Ambient Temperature

Product Dimensions



Specifications



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Model			HLR-310FL(115V)	HLR-310FL(220V)
Technical Data	Type		Upright	Upright
	Climate Class		N	N
	Cooling Type		Forced Air Cooling	Forced Air Cooling
	Defrost Mode		Auto	Auto
	Refrigerant		R600a	R600a
	Sound Level (dB(A))		40	40
Performance	Temperature Range (°C)		3~16°C Adjustable	3~16°C Adjustable
	Ambient Temperature (°C)		16~32	16~32
Control	Controller		Microprocessor	Microprocessor
	Display		LED	LED
Electrical Data	Power Supply (V/Hz)		115/60	220-240/50
	Power (W)		210	210
	Electrical Current (A)		1.26	1.26
	Power Consumption (kWh/24h)		1.05	1.05
Dimensions	Capacity (L/Cu.Ft)		310/10.9	310/10.9
	Net/Gross Weight (approx)	kg	72/83	72/83
		lbs	158.7/183	158.7/183
	Interior Dimensions (W*D*H)	mm	560*500*1290	560*500*1290
		in	22.0*19.7*50.8	22.0*19.7*50.8
	Exterior Dimensions (W*D*H)	mm	605*598*1840	605*598*1840
		in	23.8*23.6*73.6	23.8*23.6*73.6
	Packing Dimensions (W*D*H)	mm	680*690*1940	680*690*1940
		in	26*26.4*79.5	26*26.4*79.5
Alarms	Container Load (20'/40'/40'H)		24/51/51	24/51/51
	High/Low Temperature		Y	Y
	Sensor Error		Y	Y
Accessories	Door Ajar		Y	Y
	Caster		4	4
	Foot		2	2
	Shelves/Baskets		4/0	4/0
	Water Tray		1	1
	Padlock Adapter Kit/Quantity		1	1
Certification	Built-in Key Door Lock/Quantity		1	1
	CE		Y	Y
	ATEX		Y	Y

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