



**HLR-310F**



One-touch Search for  
Historic Data



Precise Control of  
Temperature



Low Noise

# Laboratory Refrigerator

## Scope of Application

Used to store chemicals, reagents and consumables within laboratories and research facilities.

## Innovative Design

- Automatic Door Closing Function
- Dual Lock Design with Multiple Alarm Systems
- High Strength Glass Shelves

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**Product Advantages**



**One-touch Search for Historic Data**

The highest and lowest historic temperature data is saved and can be checked with one key stroke.



**Precise Control of Temperature**

Adjustable set temperature range is 3°C to 16°C. A smart temperature control system keeps the internal temperature variation within  $\pm 3^\circ\text{C}$  inside the chamber.



**High Strength Glass Shelves**

Tempered glass shelves hold 24kg of products per shelf.



**Automatic Door Closing Function**



**Low Noise**

Noise cancelling technology reduces the sound level to less than 40 dB(A) for an improved working environment.



**High Efficiency HC Cooling Technology**

The hydrocarbon refrigeration system operates at a much higher efficiency and reduces the energy consumption by about 50 percent.



**Dual Lock Design with Multiple Alarm Systems**

A mortise lock is standard on the door with option to add a padlock for additional security. Standard alarms include high and low temperature, door opening, and sensor errors.



Cabinet Structure



Glass Shelve



Fan/Interior Light



Display Board

**Specifications**



Model		HLR-310F	
Technical Data	Type	Upright	
	Climate Class	N	
	Cooling Type	Forced Air Cooling	
	Defrost Mode	Auto	
	Refrigerant	R600a	
	Sound Level (dB(A))	40	
Performance	Temperature Range (°C)	3~16 Adjustable	
	Ambient Temperature (°C)	16~32	
Control	Controller	Microprocessor	
	Display	LED	
Electrical Data	Power Supply (V/Hz)	220-240/50	
	Power (W)	225	
	Electrical Current (A)	1.6	
	Power Consumption (kWh/24h)	1.05	
Dimensions	Capacity (L/Cu.Ft)	310/10.9	
	Net/Gross Weight	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	680*690*1940
in		26.8*27.1*74.4	
	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	
	Porthole	Y	
	Shelves	4	
	Temperature Setting Mode	Password Protection	
	Temperature Sensor	1 Resistance Thermometer	
Certification	CE	Y	

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