



**Laboratory
Refrigerator**

Typical Installation

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

Product Advantages

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 Efficiency HC Cooling Technology

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

Ergonomic Design

One-touch search for historic data

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

Low Noise

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

Automatic Door Closing Function

High Strength Glass Shelves

Tempered glass shelves hold 20 kg of products per shelf.

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	
Construction	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*1920
in		26.0*26.4*75.6	
Loading Quantities	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	
Certification	Temperature Sensor	1 Resistance Thermometer	
	CE	Y	

Product appearance and specifications are subject to change without notice

Blood/Fluid Warming Cabinet

105/106

Application

Heating applications include warming of blood, blood products, liquid medicine, nutrient solution, rinsing liquid and physiological saline. Installations can be found in operating rooms, ICU, emergency rooms, wards and other related areas.

Product Features

- Fast heating speed: variable power PTC heating module with fast heating speed and energy saving.
- UV sterilization: UV light sterilization in the cabinet with a variety of optional sterilization methods for effective prevention of possible contamination.
- Multiple overheat protections: electronic control + mechanical temperature control + overheat protection, multiple temperature control to ensure heating safety.
- Environmentally friendly: no compressor or external fan, extremely quiet with no disturbance to the airflow in the operating room and no effect on temperature, reduces risks of cross-contamination.



Product Advantages

- Fast and efficient heating.
- Standard UV sterilization for effective sterilization and other sterilization options available.
- Multiple over heating protections to ensure product viability.
- Two-sensor.

Ergonomic Design

- Large and clear 7-inch LCD touch screen.
- Easy to clean stainless steel interior and flat external surfaces.
- Multiple alarms for over-heating protection.



Internal Structure



7 Inch LCD Screen



UV Sterilization Lamp

Specifications

Model		HYR-111	
Technical Data	Cabinet Type	Upright, one glass door	
	Climate Class	SN	
	Warming Type	Forced air warming	
	Sound Level (dB(A))	42	
Performance	Temperature Range (°C)	26°C-50°C, above ambient temperature	
Control	Controller	Microprocessor	
	Display	LCD Touch Screen	
Electrical Data	Power Supply (V/Hz)	220/50	
	Power(W)	130	
	Power Consumption (kWh/24h)	0.59	
Construction	Capacity (L/Cu.Ft)	111/3.9	
	Net/Gross Weight (approx)	kg	58/68
		lbs	127.6/149.6
	Interior Dimensions (W*D*H)	mm	477*528*462
		in	18.67*20.67*18.1
	Exterior Dimensions (W*D*H)	mm	597*682*833
		in	23.37*26.7*32.61
Packing Dimensions (W*D*H)	mm	680*742*913	
	in	26.6*29.1*35.7	
Loading Quantities	Container load (20'/40'/40'H)	48/96/96	
Alarms	High/Low Temperature	Y	
	Sensor Error	Y	
	Door Ajar	Y	
Accessories	Caster	Y	
	Foot	Y	
	Porthole	Y	
	Shelves	Y	

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