# Flammable Storage Refrigerator

**HLR-310FL**

## 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

### 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

Explosion proof interior
Effectively avoids electric spark

4 adjustable tempered glass shelves
Convenient storage

Padlock
Dual storage security

2 adjustable feet
Easy to level and position

Self-closing hinge

CFC-free solid foamed door
Protects light sensitive products

Solid handle, convenient for users

Stainless steel condensation
water collection tray

4 Casters
Easy to move

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## Temperature Curve

### Cooling Down Curve

Temperature (°C)

Time (min)

### Stability Curve

Temperature (°C)

Time (min)

—— Internal Temperature
—— Ambient Temperature
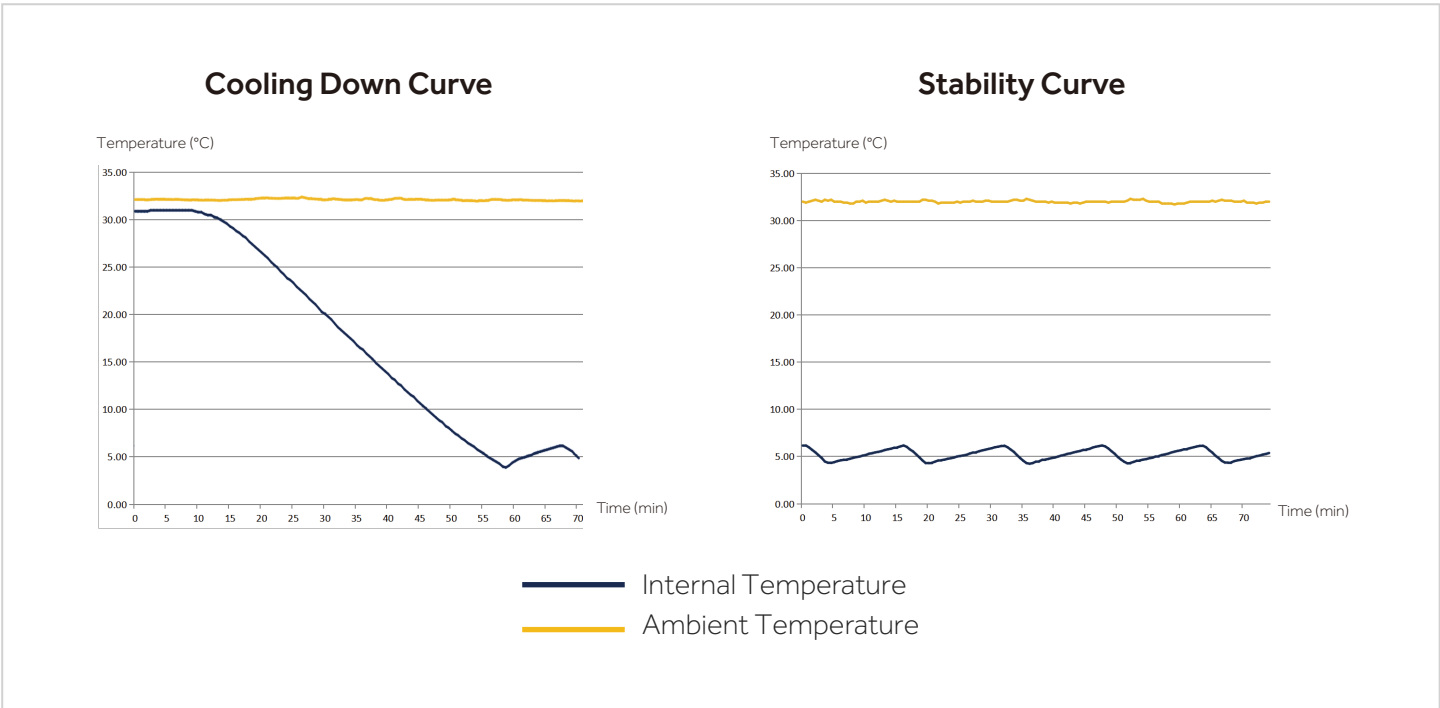
## Product Dimensions

605 | 598 | 1840 | 1290 | 560 | 500
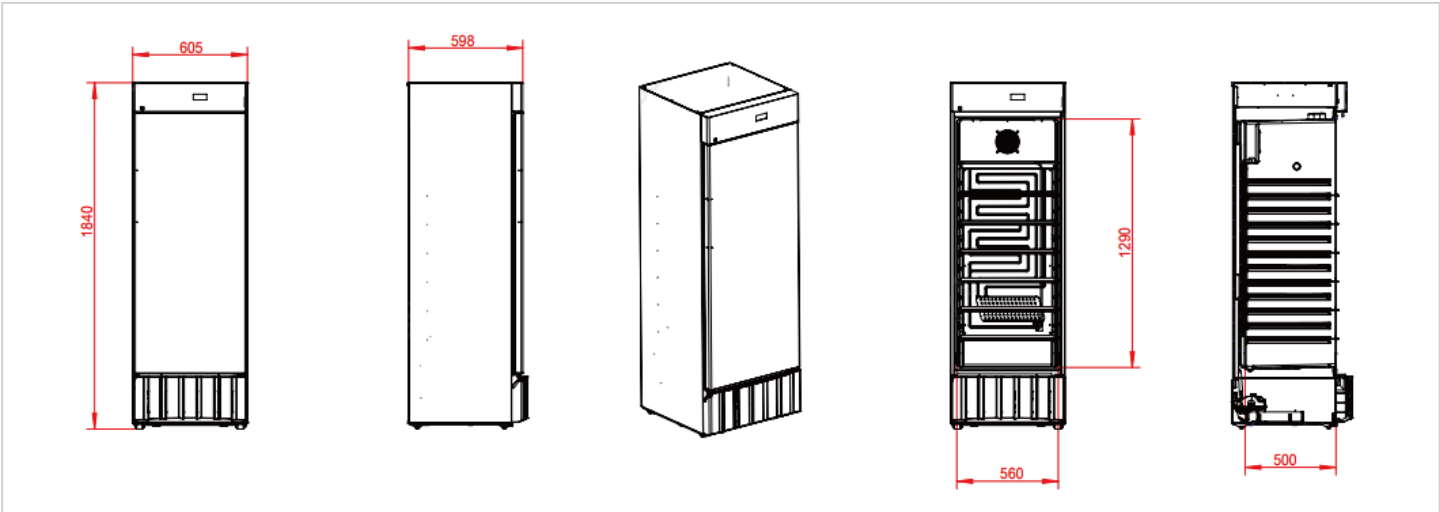
## Specifications

| | 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 |
| | Net/Gross Weight (approx) — lbs | 158.7/183 | 158.7/183 |
| | Interior Dimensions (W*D*H) — mm | 560*500*1290 | 560*500*1290 |
| | Interior Dimensions (W*D*H) — 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 |
| | Exterior Dimensions (W*D*H) — 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 |
| | Packing Dimensions (W*D*H) — in | 26*26.4*79.5 | 26*26.4*79.5 |
| | Container Load (20'/40'/40'H) | 24/51/51 | 24/51/51 |
| **Alarms** | High/Low Temperature | Y | Y |
| | Sensor Error | Y | Y |
| | Door Ajar | Y | Y |
| **Accessories** | Caster | 4 | 4 |
| | Foot | 2 | 2 |
| | Shelves/Baskets | 4/0 | 4/0 |
| | Water Tray | 1 | 1 |
| | Padlock Adapter Kit/Quantity | 1 | 1 |
| | Built-in Key Door Lock/Quantity | 1 | 1 |
| **Certification** | CE | Y | Y |
| | ATEX | Y | Y |

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

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