

**Haier Biomedical**  
Intelligent Protection of Life Science



Glass and Solid Door  
Models Available



**HYC-1031GD/FD**



Temperature Uniformity



Energy Consumption



Low Noise Level 39dB(A)

# Pharmacy Refrigerator

## Scope of Application

Used for storage of medicines, vaccines, reagents, biological products and other items that require a temperature between 2-8°C in hospitals, pharmacies, pharmaceutical factories, clinics and laboratories etc.

## Innovative Design

- High performance with low noise level
- Eco-friendly and energy saving
- Condensation free even at ambient 32°C & 80% RH
- Convenient monitoring and data export

### Qingdao Haier Biomedical Co., Ltd.

No.280 Feng Yuan Road, High-tech Zone,  
Qingdao, 266111, P.R. China  
E-mail: inquiry@haierbiomedical.com  
Website: www.haiermedical.com  
Apr, 2026



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원문: Haier Biomedical HYC-1031GD/FD HYC-1031GD/FD · 제조사 원문 자료입니다. 사양은 제조사 사정에 따라 변경될 수 있습니다.

## Product Features



Eco-friendly hydrocarbon refrigerant (R290) and CFC- free polyurethane insulation for reduced global warming potential



Hermetically sealed compressor, forced-air circulation with auto defrost to ensure high cooling performance, temperature uniformity  $\pm 1.5^{\circ}\text{C}$ ; anti- freezing thermostat is available to protect store items from freezing



**HYC-1031GD:**  
Triple-paned tempered glass door with frame heater to reduce condensation even at  $32^{\circ}\text{C}$ , 80% RH ambient; self- closing door hinge; magnetic gaskets to ensure a positive seal



**HYC-1031FD:**  
Self-closing door hinge; Magnetic gaskets to ensure a positive seal



Energy efficient interior LED lighting, side-mounted to enlighten full space



Optional USB module to easily record and export cabinet temperature and alarm data; optional RS485 port for easily external connection; optional printer to easily export cabinet temp data



Two 25mm probe access port on each side wall to accept user-provided monitoring equipment



Multiple alarm functions for safer monitoring, audible/visual alert with mute function; remote alarm contact is equipped as standard



Convenient security with a top-mounted unique-key lock



4 swivel casters with 2 leveling feet for easily movement and fixing



Digital controller with  $0.1^{\circ}\text{C}$  resolution with easy to check min/max temperature in the past 24 hours

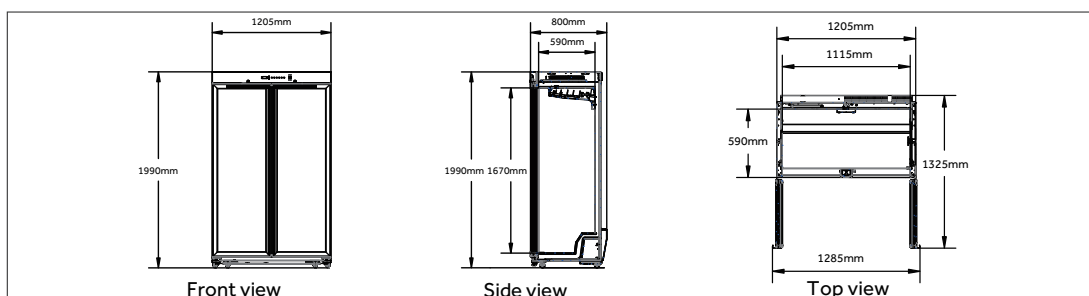


Adjustable plastic-coated wire shelves for improved circulation and flexible storage

## Product Parts



## Product Dimension



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## Specifications

| Model                       |                               | HYC-1031GD                      | HYC-1031FD                      |
|-----------------------------|-------------------------------|---------------------------------|---------------------------------|
| Technical Data              | Cabinet Type                  | Upright, Glass Door             | Upright, Solid Door             |
|                             | Climate Class (°C)            | N, 16~32                        | N, 16~32                        |
|                             | Cooling Type                  | Forced Air Cooling              | Forced Air Cooling              |
|                             | Defrost Mode                  | Auto                            | Auto                            |
|                             | Refrigerant                   | R290                            | R290                            |
| Performance                 | Sound Level (dB(A))           | 39                              | 39                              |
|                             | Temperature Range (°C)        | 2~8                             | 2~8                             |
| Control                     | Controller                    | Microprocessor                  | Microprocessor                  |
|                             | Display                       | LED                             | LED                             |
| Electrical Data             | Power Supply (V/Hz)           | 220~240/50/60                   | 220~240/50/60                   |
|                             | Power(W)                      | 380                             | 380                             |
|                             | Electrical Current (A)        | 2.2                             | 2.2                             |
| Performance Characteristics | Temperature Sensor            | NTC                             | NTC                             |
|                             | Power Consumption (kWh/24h)   | 2.48                            | 2.48                            |
| Dimensions                  | Capacity (L/Cu.Ft)            | 1031/36.4                       | 1031 / 36.4                     |
|                             | Net/Gross Weight (approx)     | kg                              | 255/265                         |
|                             |                               | lbs                             | 562/584                         |
|                             | Interior Dimensions (W*D*H)   | mm                              | 1115*590*1670                   |
|                             |                               | in                              | 43.9*23.2*65.7                  |
|                             | Exterior Dimensions (W*D*H)   | mm                              | 1205*800*1990                   |
|                             |                               | in                              | 47.4*31.5*78.3                  |
|                             | Packing Dimensions (W*D*H)    | mm                              | 1310*925*2150                   |
|                             |                               | in                              | 51.6*36.4*84.6                  |
|                             | Container Load (20'/40'/40'H) | 10/21/21                        | 10/21/21                        |
| Alarms                      | High/Low Temperature          | Y                               | Y                               |
|                             | High Ambient Temperature      | Y                               | Y                               |
|                             | Door Ajar                     | Y                               | Y                               |
|                             | Power Failure                 | Y                               | Y                               |
|                             | Low Battery                   | Y                               | Y                               |
|                             | Sensor Error                  | Y                               | Y                               |
|                             | Communication Failure         | Y                               | Y                               |
|                             | Condenser Heat                | Y                               | Y                               |
|                             | Remote Alarm                  | Y                               | Y                               |
| Accessories                 | Audible and Visual Alarm      | Y                               | Y                               |
|                             | Caster                        | 4                               | 4                               |
|                             | Foot                          | 2                               | 2                               |
|                             | Porthole                      | 2                               | 2                               |
|                             | Shelves/Drawers               | 14/-                            | 14/-                            |
|                             | Printer                       | Optional                        | Optional                        |
|                             | Chart Recorder                | N/A                             | N/A                             |
|                             | USB Interface                 | Optional                        | Optional                        |
|                             | RS485                         | Optional                        | Optional                        |
|                             | Electromagnetic Lock          | N/A                             | N/A                             |
| Material                    | Plastic Basket                | Optional                        | Optional                        |
|                             | Exterior Material             | Painted Steel                   | Painted Steel                   |
|                             | Interior Material             | Painted Steel                   | Painted Steel                   |
|                             | Door Thickness (mm)           | 50                              | 50                              |
|                             | Cabinet Thickness (mm)        | 45                              | 45                              |
|                             | Shelves Material              | Steel Wire, Coated with Plastic | Steel Wire, Coated with Plastic |
| Others                      | No. of Shelves                | 12+2                            | 12+2                            |
|                             | Certification                 | CE, DIN13277 (Optional)         | CE, DIN13277 (Optional)         |

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

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