



PRODUCT BROCHURE · HAIER BIOMEDICAL

## Haier HYC-85FD Undercounter Pharmacy Refrigerator , Solid Door, 115V

SKU HYC-85FD · Cold Storage · Undercounter Freezers



### QUICK VIEW

The Haier HYC-85FD is a compact +2~8°C pharmacy refrigerator with an insulated solid door, sized as a counter-top or undercounter unit at 85 L (3.0

### SOURCING

**Authorized U.S.  
distributor**

**Distributed by Legacy Lab Supplies**

legacylabsupplies.com · (855) 746-7557 / 855-SHOP-LLS · quotes in 24 hours





Glass and solid door  
models available



**HYC-85GD/FD**



Noise Level



Energy  
Consumption



Reversible  
Door Hinge

# Pharmacy Refrigerator



Legacy Lab Supplies

## 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

- Magnetic gasket for positive seal
- Multiple alarms for safer monitoring
- Microprocessor controller, display with resolution of 0.1°C

**Qingdao Haier Biomedical Co.,Ltd.**

No.280 Feng Yuan Road, High-tech Zone,  
Qingdao, 266109, P.R. China  
E-mail: [inquiry@haierbiomedical.com](mailto:inquiry@haierbiomedical.com)  
Website: [www.haiermedical.com](http://www.haiermedical.com)



Haier Biomedical  
International



Haier Biomedical  
International



@haiermedicalint



Haier Biomedical  
International



Haier Biomedical  
International

## Product Advantages

Legacy Lab Supplies



Eco-friendly hydrocarbon refrigerant (R600a) and CFC-free polyurethane insulation for reduced global warming



Optional USB and RS485, easy to export temperature data



Excellent performance: temperature uniformity  $\leq 1.5^{\circ}\text{C}$  <sup>①</sup>



Quiet operation: 35dB (A)



User reversible door hinge

\* <sup>①</sup>Tested by TUV according to DIN13277



### HYC-85GD:

Intelligent anti-condensation: triple-paned tempered glass door with door frame heater, effectively reduces condensation even at 32°C, 80% RH ambient temperature

### HYC-85FD:

CFC-free solid door, highly effective insulation



Hermetically sealed compressor, forced-air circulation and automatic defrost to ensure high cooling performance



Microprocessor controller, display with resolution of 0.1°C

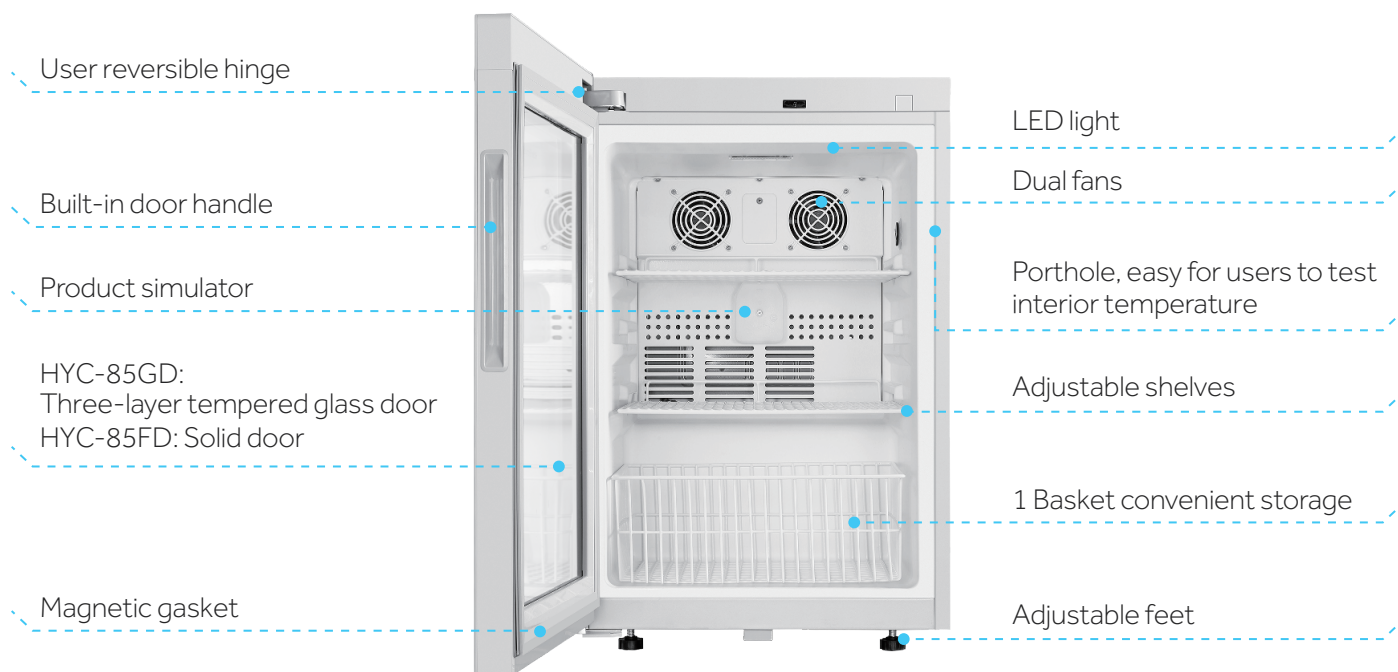


Multiple alarms for safer monitoring



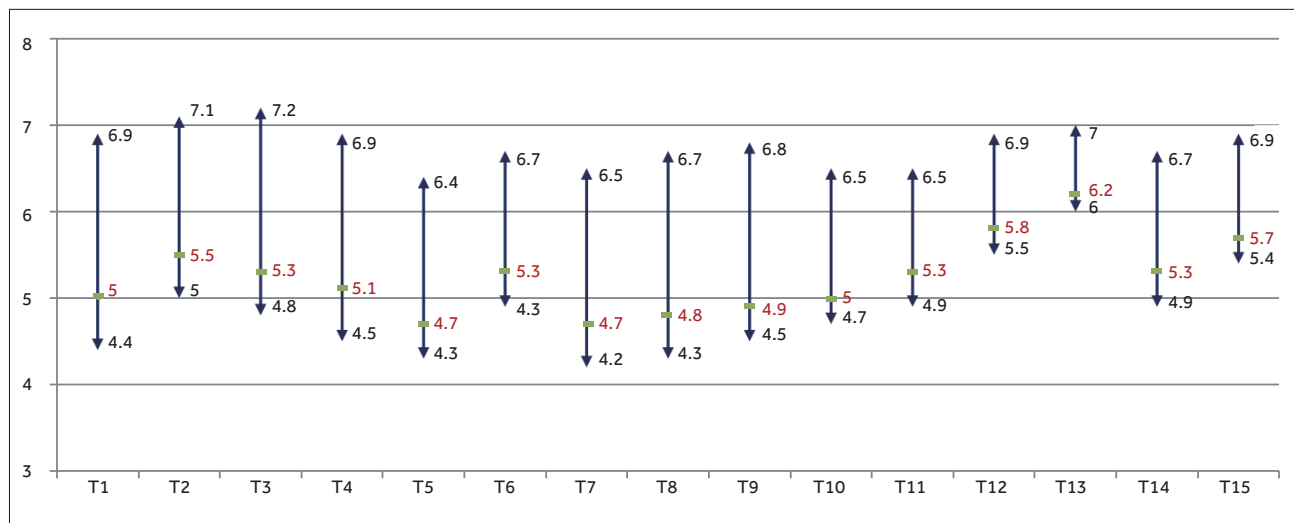
Magnetic gasket for positive seal

## Product Parts

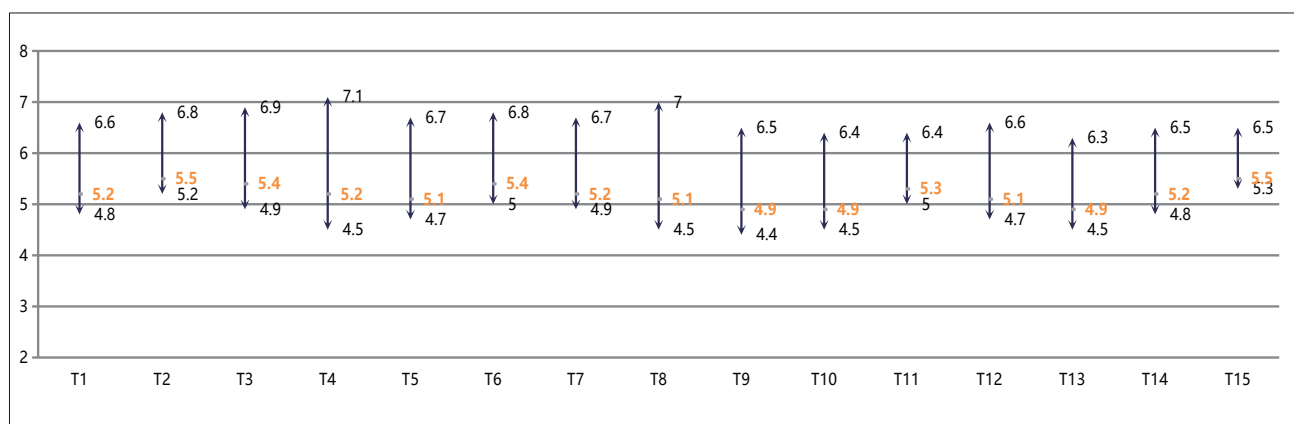




## Cabinet Temperature



**HYC-85GD**



**HYC-85FD**

■ Average    ↑↓ Extended Measurement Uncertainty

\* Tested by TUV according to DIN13277 (Ambient Temperature: 25°C Setpoint: 5°C Unloaded)



**Specifications**



Legacy Lab Supplies



| Model                       |                                                       | HYC-85GD                                |                | HYC-85FD                                 |                |
|-----------------------------|-------------------------------------------------------|-----------------------------------------|----------------|------------------------------------------|----------------|
| Technical Data              | Cabinet Type                                          | Counter-Top / Under-Counter, Glass Door |                | Counter -Top / Under-Counter, Solid Door |                |
|                             | Climate Class (°C)                                    | N, 16~32                                |                | N, 16~32                                 |                |
|                             | Cooling Type                                          | Forced Air Cooling                      |                | Forced Air Cooling                       |                |
|                             | Defrost Mode                                          | Auto                                    |                | Auto                                     |                |
|                             | Refrigerant                                           | R600a                                   |                | R600a                                    |                |
|                             | Sound Level (dB(A))                                   | 35                                      |                | 35                                       |                |
| Performance                 | Temperature Range (°C)                                | 2~8                                     |                | 2~8                                      |                |
| Control                     | Will the fan stop automatically when opening the door | Y                                       |                | Y                                        |                |
|                             | Controller                                            | Microprocessor                          |                | Microprocessor                           |                |
|                             | Display                                               | LED                                     |                | LED                                      |                |
| Electrical Data             | Power Supply (V/Hz)                                   | 220~240/50                              |                | 220~240/50                               |                |
|                             | Electrical Current (A)                                | 0.98                                    |                | 0.98                                     |                |
| Performance Characteristics | Temperature Sensor                                    | NTC                                     |                | NTC                                      |                |
|                             | Power Consumption (kWh/24h)                           | 0.99                                    |                | 0.5                                      |                |
| Dimensions                  | Capacity (L/Cu.Ft)                                    | 85/3.0                                  |                | 85/3.0                                   |                |
|                             | Net/Gross Weight(approx)                              | kg                                      | 36 / 41        | kg                                       | 33 / 38        |
|                             |                                                       | lbs                                     | 79.4 / 90.4    | lbs                                      | 72.8 / 83.9    |
|                             | Interior Dimensions (W*D*H)                           | mm                                      | 405*405*555    | mm                                       | 405*405*555    |
|                             |                                                       | in                                      | 15.9*15.9*21.9 | in                                       | 15.9*15.9*21.9 |
|                             | Exterior Dimensions (W*D*H)                           | mm                                      | 495*550*740    | mm                                       | 495*550*740    |
|                             |                                                       | in                                      | 19.5*21.7*29.1 | in                                       | 19.5*21.7*29.1 |
|                             | Packing Dimensions (W*D*H)                            | mm                                      | 590*650*830    | mm                                       | 590*650*830    |
|                             |                                                       | in                                      | 23.2*25.6*32.7 | in                                       | 23.2*25.6*32.7 |
| Alarms                      | Container Load (20'/40'/40'H)                         | 54/120/180                              |                | 54/120/180                               |                |
|                             | 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                                        | N                                       |                | N                                        |                |
|                             | Remote Alarm                                          | Y                                       |                | Y                                        |                |
| Accessories                 | Audible and Visual Alarm                              | Y                                       |                | Y                                        |                |
|                             | Caster                                                | 2                                       |                | 2                                        |                |
|                             | Foot                                                  | 2                                       |                | 2                                        |                |
|                             | Porthole                                              | 1                                       |                | 1                                        |                |
|                             | Shelves/Basket                                        | 2/1                                     |                | 2/1                                      |                |
|                             | Printer                                               | N/A                                     |                | N/A                                      |                |
|                             | Chart Recorder                                        | N/A                                     |                | N/A                                      |                |
|                             | USB Interface                                         | Optional                                |                | Optional                                 |                |
|                             | RS485                                                 | Optional                                |                | Optional                                 |                |
| Material                    | Exterior Material                                     | Painted Steel                           |                | Painted Steel                            |                |
|                             | Interior Material                                     | Polystyrene                             |                | Polystyrene                              |                |
|                             | Door Thickness (mm)                                   | 50                                      |                | 50                                       |                |
|                             | Cabinet Thickness (mm)                                | 45                                      |                | 45                                       |                |
|                             | Shelves Material                                      | Steel Wire, Coated with Plastic         |                | Steel Wire, Coated with Plastic          |                |
|                             | Refrigerant Model                                     | R600a, 45g                              |                | R600a, 45g                               |                |
| Other                       | Certification                                         | CE, UKCA, DIN13277 (Optional)           |                | CE, UKCA, DIN13277 (Optional)            |                |

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