

2°C~8°C Pharmacy/Lab Refrigerator

Intelligent Control & Constant Temperature

Multiple Alarms Bring More Security



YC-55EL / YC-75EL (smart under-counter size)

➤ Accurate Control System

High accuracy temperature controller with high sensitivity sensors, keep the temperature within 2~8°C. Display accuracy to 0.1°C.

🛡️ Refrigeration System

With renowned brand compressor and condenser, better cool performance; HCFC-FREE refrigerant ensure environmental protection & safety. Air cooling, auto-defrost, temperature uniformity within 2°C.

👤 Humanized Operation Design

Front opening lockable door with full height handle; Perfect audible and visual alarms: high and low temperature alarm, sensor failure alarm, power failure alarm, door ajar alarm. Cabinet made of high quality steel, inner side with HIPS material, durable and easy to clean; Fitted with 4 stand bars; Standard with build-in USB datalogger, remote alarm contact and RS485 interface for monitor system. Moval of things.





Intelligent Temperature Control

Electronic temperature controller; The digital average temperature display facilitates observation and monitoring of temperature inside the cabinet, and the precision of temperature display reaches 0.1°C.



Security System

- The well-developed audible & visual alarm system: high/low temperature alarm, DC low battery alarm, sensor error alarm, power failure alarm, high ambient temperature alarm, door ajar alarm.
- The turn-on delay and stopping interval protection function can ensure reliability in running;
- The door is equipped with a lock, preventing it from unauthorized users.



Refrigeration System

Equipped with a compressor supplied by an international famous brand, high-efficiency air-cooled condenser and finned evaporator, ensuring fast refrigeration.



(YC-55EL)



Data Storage

Baskets for blood storage are optional and easy to use.



Lighting System

Equipped with lighting system with LED lights, ensuring high visibility inside the cabinet.



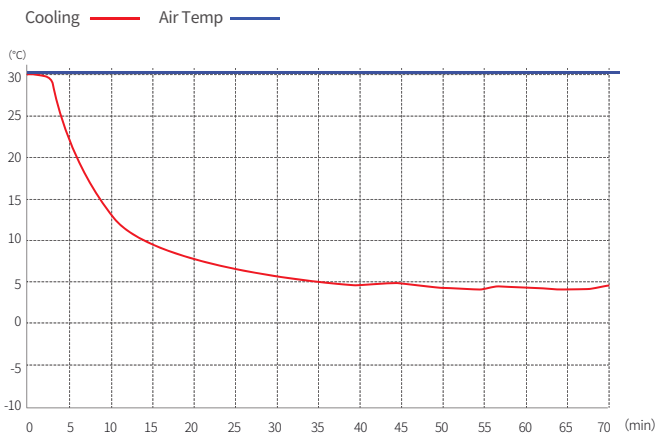
Human-oriented

- Equipped with high-quality shelves made from PVC-coated steel wire with tag cards and classification marks, which are easy to clean;
- Equipped with invisible door handle, ensuring elegance of appearance;
- Equipped with testing port, bringing convenience to users in testing temperature inside the cabinet.

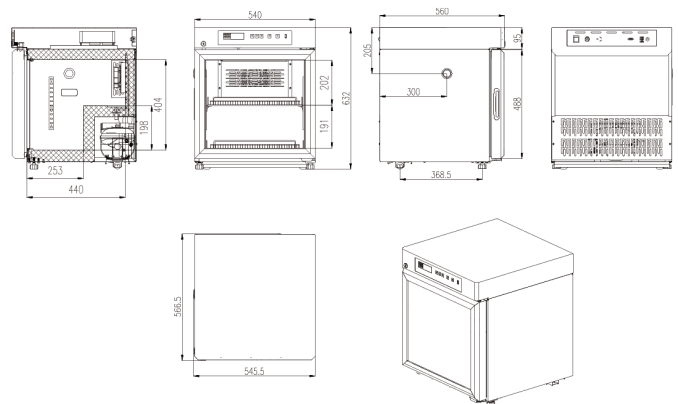
Scope of Application

Suitable for storage of biological products, vaccines, drugs, reagents, etc. Suitable for use in pharmacies, pharmaceutical factories, hospitals, centers for disease prevention & control, clinics, etc.

Performance Data / Cooling Curve



External Dimensions (YC-55EL)



Specification Chart

| 2~8°C Medical Refrigerator | | |
|---------------------------------------|---|--------------------------------------|
| Model | YC-55L | YC-75L |
| Cabinet Type | Upright | Upright |
| Capacity(L) | 55 | 75 |
| Internal Size(W*D*H)mm | 444*440*404 | 444*440*536 |
| External Size(W*D*H)mm | 540*560*632 | 540*560*764 |
| Package Size(W*D*H)mm | 580*600*685 | 580*600*815 |
| NW/GW(Kgs) | 32/36 | 35/39 |
| Performance | | |
| Temperature Range | 2~8°C | 2~8°C |
| Ambient Temperature | 16-32°C | 16-32°C |
| Cooling Performance | 4°C | 4°C |
| Climate class | N | N |
| Controller | Microprocessor | Microprocessor |
| Display | Digital display | Digital display |
| Refrigeration | | |
| Compressor | 1pc | 1pc |
| Cooling method | Direct air cooling | Direct air cooling |
| Defrost Mode | Automatic | Automatic |
| Refrigerant | R600a | R600a |
| Insulation Thickness(mm)mm | 50 | 50 |
| Construction | | |
| External Material | Powder coated material | Powder coated material |
| Inner Material | Aluminum plate with spraying | Aluminum plate with spraying |
| Shelves | 2(coated steel wired shelf) | 3(coated steel wired shelf) |
| Door Lock with key | Yes | Yes |
| Lighting | LED | LED |
| Access test port | 1 pc. Ø 25 mm | 1 pc. Ø 25 mm |
| Casters | 2+ (2 levelers feet) | 2+ (2 levelers feet) |
| Data Logging/ Interval/Recording time | USB/Record every 10 minute / 2 years | USB/Record every 10 minute / 2 years |
| Alarm | | |
| Temperature | High/Low temperature,High ambient temperature | |
| Electrical | Power failure , Low battery | |
| System | Sennor error,Door ajar, Built-in datalogger USB Failure, Main board communication error,Remote alarm | |
| Electrical | | |
| Power Supply(V/HZ) | 220/50 | 220/50 |
| Rated Power(W) | 95 | 103 |
| Input Power(W) | 125 | 135 |
| Current Consumption(KWh/24h) | 0.57 | 0.67 |
| Rated Current(A) | 0.67 | 0.61 |
| Standard Accessory | | |
| System | RS485,Remote alarm contact | RS485,Remote alarm contact |

*The model, parameters and performance specified in this brochure may be changed without prior notice because of product upgrading.

*There may be differences between the product images shown in this brochure and the actual products. When you are buying any product, please check the actual product.