2℃~8℃ Pharmacy/Lab Refrigerator

Intelligent Control & Constant Temperature
Multiple Alarms Bring More Security

YC-76L （smart under-counter size）

Accurate Control System

High accuracy temperature controller with high sensitivity sensors, keep the temperature within 2~8℃,
Display accuracy at 0.1℃.

Refrigeration System

With renowned brand compressor and condenser, better cool performance;
HCFC-FREE refrigerant ensure environmental protection & safety;
Forced ai   r cooling, auto-defrost, temperature uniformity within 1℃.

Human-oriented

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 Aluminum plate with spraying material, durable
and easy to clean;
Fitted with 2casters +（2 leveling feet）;
Standard with build-in USB datalogger, remote alarm contact and RS485 interface for monitor system.

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 accuracy at 0.1℃.

Security System

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

Refrigeration System

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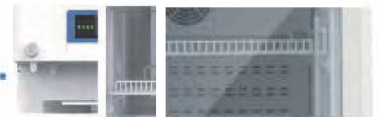
Data Storage

· Equipped with a USB export interface, which can be used for exporting data in PDF;
· When a U-disk is connected, temperature data can be stored continuously and automatically (data can be stored for 100,000 sets of data).

Lighting System

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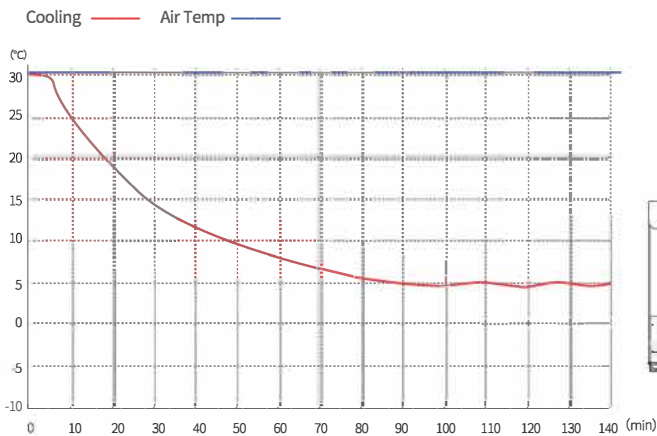
Human-oriented

· Equipped with high-quality shelves made from PVC-coated steel wire, which are easy to clean;
· Equipped with testing port, bringing convenience to users in testing temperature inside the cabinet.
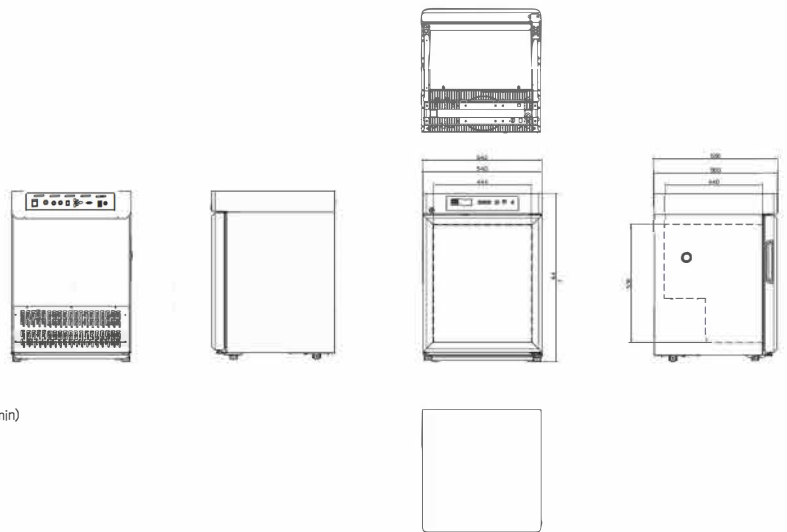
✓ Scope of Application

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

Cooling ——— Air Temp ———

External Dimensions

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2~8°C Pharmacy Refrigerator

Model	YC-76L
Cabinet type	Upright
Capacity (L)	76
Internal size (W*D*H) mm	444*440*536
External size (W*D*H) mm	542*566*764
Package size (W*D*H) mm	575*617*815
NW/GW (Kgs)	41/45

Performance

Temperature range	2~8°C
Ambient temperature	16~32°C
Cooling performance	5°C
Climate class	N
Controller	Microprocessor
Display	Digital display

Refrigeration

Compressor	1pc
Cooling method	Forced air cooling
Defrost mode	Automatic
Refrigerant	R600a
Insulation thickness(mm)	L/R:48, B:50

Construction

External material	PCM
Inner material	Sprayed aluminum plate/Stainless steel
Shelves	3 (coated steel wired shelf)
Door lock with key	Yes
Lighting	LED
Access port	1pc. Ø 25 mm
Casters	2+ (2 leveling feet)
Data logging/Interval/Memory capacity	USB/Record every 10 minutes/100,000 data
Door with heater	Yes
Backup battery	Yes

Alarm

Temperature	High/Low temperature, High ambient temperature
Electrical	Power failure, Low battery
System	Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure

Electrical

Power supply (V/HZ)	220-240~/50
Power (W)	110
Power consumption (KWh/24h)	1.81
Rated current (A)	0.92

Accessories

Standard	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.