

# 2~8°C Explosion Proof Refrigerator

*International Standard · Smart Security*

*Awarded National Standard Ex d(ib)mb IIB T4 High Grade Certification*



## YC-360EL



### Fully anti-static

The casing and the inner lining, the door shell and the door lining are all connected by copper stranded wires, and the movable parts in the storage space are made of metal.



### Various explosion proof methods

The whole machine is explosion-proof, and the electronic control components are adopted respectively flameproof, intrinsically safe and molded explosion proof types.



### Stainless steel liner

SUS 304 stainless steel liner, corrosion resistant and easy to clean.



### National explosion-proof certification

Awarded China's national explosion-proof certification, explosion-proof grade: Ex d (ib) mb IIB T4, can be used in Zone 1, Zone 2.





### Microcomputer temperature control system

- High-precision microcomputer temperature control system with built-in safety barrier PT 100 sensor ensures operation safe and stable.
- High brightness digital display, softer visual. And the temperature inside the cabinet is maintained in the range of 2-8 °C, and the display accuracy is 0.1 °C.

### Fully explosion-proof

- Comprehensive anti-static technology; the casing and the inner lining, the door shell and the door lining are all connected by copper stranded wires, and the movable parts in the storage space are made of metal.
- The electronic control components are adopted respectively flameproof, intrinsically safe and molded explosion proof types.
- Equipped with patch type condenser ensures stable heat dissipation and greatly reduces the influence of heat dissipation caused by dust.



### Security System

- The fan circulation in the cabinet is coordinated with the circulation inside the air duct to ensure temperature performance inside the cabinet.
- 2 anti-collision boards backside to provide enough heat for the refrigerator space.



### Upgraded new look

- New look, new color matching, ergonomic layout of the whole machine, easy to use
- Foamed door with door lock to prevent the door from opening without authorizing, and the door is equipped with a metal handle for a comfortable handling.



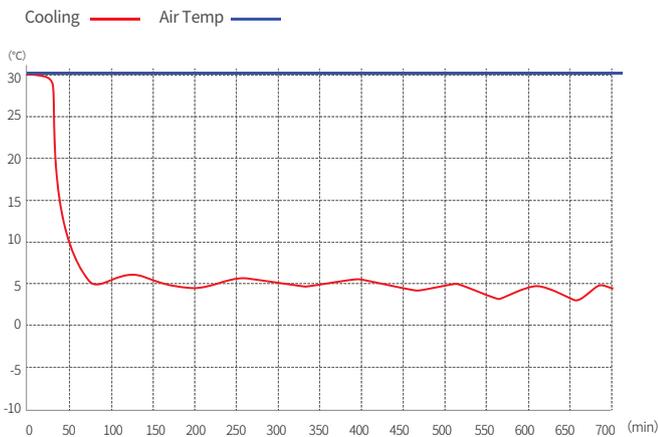
### Human-oriented

- The main body is made of sheet metal, and the cabinet is made of 304 stainless steel, which is easy to clean and corrosion resistant
- 4-layer pullable and adjustable shelves;
- The shelves position and quantity can be adjusted if needed. Shelf stop design can prevent shelves suddenly pulled out and fell.
- 2-layers of large space stop drawers at the bottom of the cabinet meet large capacity storage requirements.

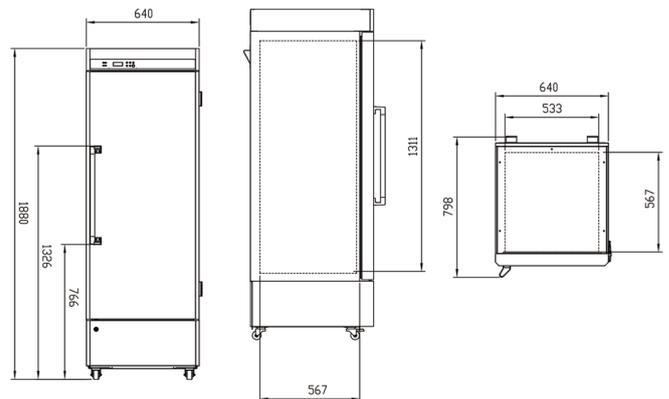
## ✓ Scope of Application

Suitable for storing chemical reagents, experimental reagents, etc., which are flammable, explosive, easy to evaporate, easy to corrode, etc. Suitable for laboratories of universities and experimental sites of research institutes.

## 🔗 Performance Data / Cooling Curve



## 📏 External Dimensions



## Specification Chart

2~8°C Explosion Proof Refrigerator	
Model	YC-360EL
Cabinet Type	Upright
Capacity(L)	360
Internal Size(W*D*H)mm	530*565*1312
External Size(W*D*H)mm	640*696*1880
Package Size(W*D*H)mm	677*765*2030
NW/GW(Kgs)	133/173
Performance	
Temperature Range	2~8°C
Ambient Temperature	16-32°C
Cooling Performance	4°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)	55
Construction	
External Material	Carbon steel spraying
Inner Material	304Stainless steel
Shelves	4+2(Stainless steel shelf)
Door Lock with key	Yes
Casters	4 (4 caster with brake)
Alarm	
Temperature	High/Low temperature,
System	Sensor error
Electrical	
Power Supply(V/Hz)	220/50, 220/60, 110/60
Rated Power(W)	265
Input Power(W)	360
Current Consumption(KWh/24h)	2.31
Rated Current(A)	1.64

\*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.