2～8°C /-10～-40°C Combined Refrigerator and Freezer

Brand New Appearance

Separate Control of Refrigeration & Freezing



YCD-FL289

Environmentally Friendly & High-efficiency

Environmentally-friendly Freon-free refrigerant and high-efficiency compressor supplied by an international famous brand ensure energy saving and high efficiency.

Refrigeration System

Two compressors and separate control of the upper refrigeration chamber and the lower freezing chamber.

High-precision Computerized Temperature Control

The digital temperature display can indicate operating status clearly, and users may set the high temperature/low temperature alarm points based on their needs.

Thermal Insulation System

The CFC-free polyurethane foam technology and the thicker insulating layer can improve the effect of thermal insulation.





Temperature Control System

· High-precision microcomputer temperature control system with build-in control/alarm sensors for high/low temperature, ambient temperature and evaporator temperature etc. ensuring the safe and stable running;

· 1 inch high brightness digital temperature display with 0.1°C display precision; the temperature can be set freely.



Refrigeration System

· Equipped with high-efficiency compressor and international brand fan, ensuring energy saving and silent running;

· Two compressors and separate control of the upper refrigeration chamber and the lower freezing chamber.





Security System

· Perfect audible and visual alarm system makes it safer for storage. Equipped with alarm functions including high/low temperature alarm, high ambient temperature alarm, sensor failure alarm, door ajar alarm, power failure alarm etc;

· Buzzer alarm for the door opening more than 1 minute, alarm automatically muted when the door is closed.



Human-oriented

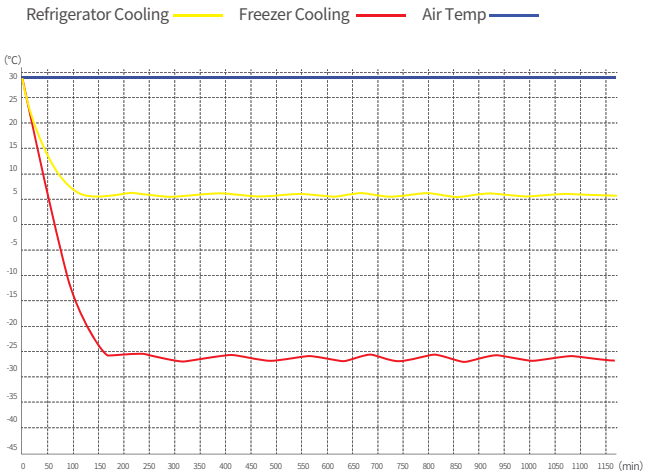
· The interior is equipped with 3 drawers + 4 shelves for object storage;

· Casters at the bottom with locking device for easy movement.

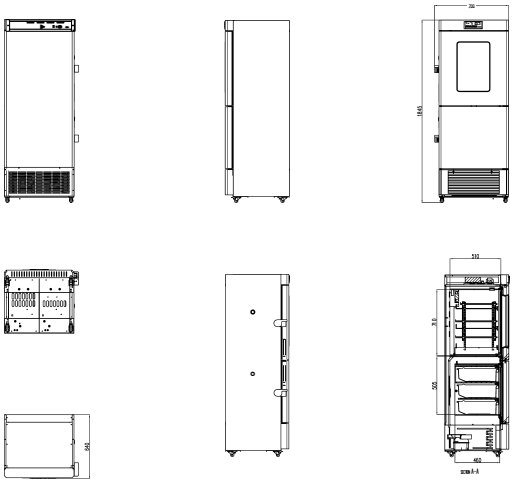
Scope of Application

Suitable for use in scientific research, cryogenic test on special materials, blood plasma cryopreservation, low temperature resistance test on biological materials, vaccines, biological products and military products, etc. Suitable for use in research institutions, the electronic industry, the chemical industry, hospitals, the health,& disease prevention system, laboratories in colleges & universities, military enterprises, etc.

Performance Data / Cooling Curve



External Dimensions



Specification Chart

2~8°C /-10~-40°C Combined Refrigerator and Freezer	
Model	YCD-FL289
Cabinet type	Upright
Capacity (L)	289, R:189, F:100
Internal size (W*D*H) mm	R:600*510*710，F:500*460*505
External size (W*D*H) mm	700*640*1845
Package size (W*D*H) mm	830*756*2004
NW/GW (Kgs)	143/165
Performance	
Temperature range	R:2~8°C，F:-10~-40°C
Ambient temperature	16~32°C
Cooling performance	R:5°C, F:-40°C
Climate class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	2pcs
Cooling method	R: Forced air cooling, F:Direct cooling
Defrost mode	R:Automatic, F:Manual
Refrigerant	R:R600a, F:R290
Insulation thickness (mm)	B: 50(R), 100(F)
Construction	
External material	Cold rolled steel
Inner material	Stainless steel
Shelves	R:3+1(Stainless steel), F:3(ABS)
Padlock	Yes
Access port	2pcs. Ø 25 mm
Casters	4 (2 casters with brakes)
Data logging/Interval/Memory capacity	USB/Record every 10 minutes/100,000 data
Door with heater	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)	330
Power consumption (KWh/24h)	4.3
Rated current (A)	2.5
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.

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