

# **YC-130L**





#### - Accurate Control System

High accuracy temperature controller with high sensitivity sensors, keep the temperature within 2~8°C, Display accuracy at 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 1 °C.

### **4** 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 spraying aluminum sheet 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.



- · 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
- ·1 inch high brightness digital temperature display with 0.1 °C display precision; the temperature can



#### Security System

- ·Perfect audible and visual alarm system makes it safer for storage. Equipped with alarm functions including high/low temperature alarm, high ambient 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.



#### **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 invisible door handle, ensuring elegance of appearance;
- · Equipped with testing port, bringing convenience to users in testing temperature inside the cabinet.



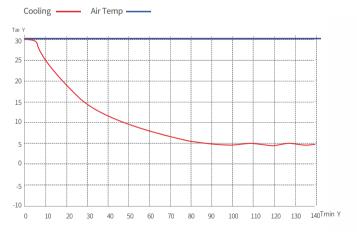
Equipped with a compressor supplied by an international famous brand, high-efficiency air-cooled condenser and finned evaporator, ensuring fast refrigeration.

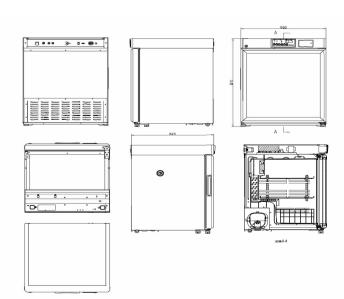
### Scope of Application

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







Model	2~8°C Pharmacy Refrigerator	
Capacity(L)         130           Internal Size(W*D*H)mm         554*510*588           External Size(W*D*H)mm         650*6252*810           Package Size(W*D*H)mm         720*703*800           NW/GW(kgs)         51/61           Performance           Temperature Range           Ambient Temperature         16*32*C           Cooling Performance         5*C           Climate Class         N           Controller         Microprocessor           Display         Digital display           Refrigeration         V           Confige Method         Air cooling           Defrost Mode         Automatic           Refrigerant         R600a           Insulation Thickness(mm)         L/R*48,8:50           Construction           External Material         PCM           Inner Material         Aluminum plate with spraying (Optional stainless steel)           Shelves         3 (coated steel wired shelf)           Door Lock with Key         Yes           Lighting         LED           Access Port         1pc. 0.25 mm           Casters         2+2(leveling feet)           Data Logging/Interval/Memory capacity         USB/Record every 10	Model	YC-130L
Capacity(L)   130		Upright
Internal Size(W"D"H)mm		
External Size(W*D*H)mm 720*703*880  NW/GW(Kgs) 51/61  Performance  Temperature Range 2-8°C  Ambient Temperature 6:5°C  Climate Class N Controller Microprocessor  Display Digital display  Refrigeration  Conling Method Air cooling Defrost Mode Automatic  Refrigerant R6000  Insulation Thickness(mm) L/R:48,B:50  Construction  External Material Aluminum plate with spraying (Optional stainless steel)  Shelves 3 (coated steel wired shelf) Door Lock with Key Yes Lighting LED Access Port 1p.C. 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  Marm  Temperature Electrical Power failure, Low battery  System Biller Work(Wh/24h) 2.55		554*510*588
Package Size(W*D*H)mm 720*703*880  NW/GW(Kgs) 51/61  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 Air cooling  Defrost Mode Automatic  Refrigerant R600a  Insulation Thickness(mm) L/R:48,B:50  Construction  External Material Aluminum plate with spraying (Optional 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  Alarm  Temperature High/Low temperature, High ambient temperature  Electrical Power Gailure, Low battery  Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical  Power Supply (V/HZ) 220-240-/50  Power Consumption (KWh/24h) 2.55		
NW/GW(Kgs) 51/61  Performance Temperature Range 2-8°C Ambient Temperature 5°C Colling Performance 5°C Climate Class N Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant Re600a Insulation Thickness(mm) L/R:48,B:50  Construction External Material PCM Inner Material Aluminum plate with spraying (Optional 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 High/Low temperature, High ambient temperature Electrical Power failure, Low battery System Supply (V/HZ) 220-240-/50 Power (W) Power Consumption (KWh/24h) 2.55		720*703*880
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 Air cooling Defrost Mode Automatic Refrigerant R600a Insulation Thickness(mm) L/R:48,B:50  Construction  External Material PCM Inner Material Aluminum plate with spraying (Optional stainless steel) Shelves 3 (coated steel wired shelf) Door Lock with Key Yes Lighting LED Access Port 1pc. Ø 25 mm Casters Data Logging/Interval/Memory capacity USB/Record every 10 minutes/100,000 data Door with Heater High/Low temperature, High ambient temperature Electrical Power Supply (V/HZ) 220-240-/50 Power (W) Power Consumption (KWh/24h) 2.55		
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Coling Performance 5°C Climate Class N Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant R600a Insulation Thickness(mm) L/R:48,B:50 Construction External Material PCM Inner Material Aluminum plate with spraying (Optional 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 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) Power Consumption (KWh/24h) 2.55		16~32°C
Controller Microprocessor Display Digital display  Refrigeration  Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant R600a Insulation Thickness(mm) L/R:48,8:50  Construction  External Material PCM Inner Material Aluminum plate with spraying (Optional 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  Alarm Temperature High/Low temperature, High ambient temperature Electrical Power failure, Low battery System Built-in USB datalogger failure, Communication failure  Electrical  Power Supply (V/HZ) 220-240-/50 Power (W) Power Consumption (KWh/24h) 2.55	·	
Display  Refrigeration  Compressor  Cooling Method  Defrost Mode  Refrigerant  Ref00a Insulation Thickness(mm)  L/R:48,B:50  Construction  External Material  Inner Material  Aluminum plate with spraying (Optional 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)  Doar With Heater  Yes  Alarm  Temperature  Electrical  Power failure, Low battery  System  Built-in USB datalogger failure, Communication failure  Electrical  Power Supply (V/HZ)  Power (W)  Power Consumption (KWh/24h)  2.55		
Display   Digital display   Refrigeration   To	Controller	
Refrigeration Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant R600a Insulation Thickness(mm) L/R:48,B:50  Construction  External Material PCM Inner Material Aluminum plate with spraying (Optional 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  Alarm Temperature High/Low temperature, High ambient temperature Electrical Power failure, Low battery System Built-in USB datalogger failure, Communication failure  Electrical Power Supply (V/HZ) 220-240~/50 Power (W) Power Consumption (KWh/24h) 2.55		
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Cooling Method Defrost Mode Refrigerant Ref00a Insulation Thickness(mm) L/R:48,B:50  Construction  External Material Inner Material PCM Inner Material Aluminum plate with spraying (Optional 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 Door with Heater Yes  Alarm  Temperature Electrical Power failure, Low battery  Sensor failure, Low battery  Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical Power Supply (V/HZ) Power (W) Power Consumption (KWh/24h) 2.55		1pc
Defrost Mode Refrigerant Refooa Insulation Thickness(mm) L/R:48,B:50  Construction  External Material PCM Inner Material Aluminum plate with spraying (Optional 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  Alarm Temperature Electrical Power failure, Low battery System Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical Power Supply (V/HZ) Power (W) Power Consumption (KWh/24h) 2.55		Air cooling
Refrigerant Insulation Thickness(mm) L/R:48,B:50  Construction  External Material PCM Inner Material Aluminum plate with spraying (Optional 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  Alarm Temperature Electrical Power failure, Low battery System Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical Power Supply (V/HZ) Power (W) Power Consumption (KWh/24h) 2.55		-
Insulation Thickness(mm)  L/R:48,B:50  Construction  External Material PCM Inner Material Aluminum plate with spraying (Optional 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  Alarm  Temperature High/Low temperature, High ambient temperature  Electrical Power failure, Low battery  System Built-in USB datalogger failure, Communication failure  Electrical  Power Supply (V/HZ) 220-240~/50  Power (W) Power Consumption (KWh/24h) 2.55	Refrigerant	
External Material PCM Inner Material Aluminum plate with spraying (Optional 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  Poor 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) Power Consumption (KWh/24h) 2.55		
Inner Material 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  Alarm Temperature Electrical Power failure, Low battery Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical Power Supply (V/HZ) 220-240~/50 Power (W) Power Consumption (KWh/24h) 2.55	Construction	
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  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) 150  Power Consumption (KWh/24h) 2.55	External Material	PCM
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  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) 150  Power Consumption (KWh/24h) 2.55	Inner Material	Aluminum plate with spraying (Optional stainless steel)
Door Lock with Key  Lighting  Access Port  1pc. Ø 25 mm  Casters  2+2(leveling feet)  Data Logging/Interval/Memory capacity  Door with Heater  Yes  Alarm  Temperature  Electrical  Power failure, Low battery  Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical  Power (W)  Power Consumption (KWh/24h)  LED  1pc. Ø 25 mm  2pc. Ø 25 mm  1pc. Ø 25 mm  2pc.	Shelves	
Lighting 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  Alarm  Temperature Electrical Power failure, Low battery  Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical Power Supply (V/HZ) 220-240~/50  Power (W) Power Consumption (KWh/24h) 2.55	Door Lock with Key	
Access Port  Casters  2+2(leveling feet)  Data Logging/Interval/Memory capacity  Door with Heater  Yes  Alarm  Temperature  Electrical  Power failure, Low battery  Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical  Power Supply (V/HZ)  Power (W)  Power Consumption (KWh/24h)  1pc. Ø 25 mm  2+2(leveling feet)  USB/Record every 10 minutes/100,000 data  Yes  Alarm  Yes  Sensor failure, High ambient temperature  Electrical  Power failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical  Power (W)  220-240~/50  Power (Consumption (KWh/24h)  2.55	Lighting	
Casters 2+2(leveling feet)  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  Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical  Power Supply (V/HZ) 220-240~/50  Power (W) 150  Power Consumption (KWh/24h) 2.55		
Data Logging/Interval/Memory capacity  Door with Heater  Yes  Alarm  Temperature  Electrical  System  Power failure, Low battery  Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical  Power Supply (V/HZ)  Power (W)  Power Consumption (KWh/24h)  USB/Record every 10 minutes/100,000 data  Yes  USB/Record every 10 minutes/100,000 data  Yes  Light/Low temperature, High ambient temperature  Electrical  Power failure, Low battery  Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical  Power (W)  220-240~/50  255	Casters	•
Door with HeaterYesAlarmHigh/Low temperature, High ambient temperatureElectricalPower failure, Low batterySystemSensor failure, Door ajar, Built-in USB datalogger failure, Communication failureElectricalPower Supply (V/HZ)220-240~/50Power (W)150Power Consumption (KWh/24h)2.55	Data Logging/Interval/Memory capacity	
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) 150  Power Consumption (KWh/24h) 2.55		
Temperature High/Low temperature, High ambient temperature  Electrical Power failure, Low battery  Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical  Power Supply (V/HZ) 220-240~/50  Power (W) 150  Power Consumption (KWh/24h) 2.55		
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) 150  Power Consumption (KWh/24h) 2.55		High/Low temperature. High ambient temperature
System  Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure  Electrical  Power Supply (V/HZ)  220-240~/50  Power (W)  150  Power Consumption (KWh/24h)  2.55		
Built-in USB datalogger failure, Communication failure  Electrical  Power Supply (V/HZ) 220-240~/50  Power (W) 150  Power Consumption (KWh/24h) 2.55		
ElectricalPower Supply (V/HZ)220-240~/50Power (W)150Power Consumption (KWh/24h)2.55	System	
Power (W) 150 Power Consumption (KWh/24h) 2.55	Electrical	
Power Consumption (KWh/24h) 2.55	Power Supply (V/HZ)	220-240~/50
Power Consumption (KWh/24h) 2.55	Power (W)	150
Dated Current (A)		2.55
Kateu Current (A) 0.90	Rated Current (A)	0.98
Accessories	Accessories	
Standard RS485, Remote alarm contact, Backup battery		RS485, Remote alarm contact, Backup battery

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

<sup>\*</sup>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.

