

## 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**

- · LCD digital temperature display, clear operation status, High and low temperature alarm temperature points can be set according to user requirements;
- · High precision microcomputer temperature control system, 2 ~ 8 °C refrigerated, Frozen - 10 ~ - 26 °C adjustable;
- Display both refrigerating temperature and freezing temperature, refrigerating room, The refrigerating chamber can be closed separately.



#### **Refrigeration System**

- · Environmentally-friendly Freon-free refrigerant and high-efficiency compressor supplied by an international famous brand ensure energy saving and high efficiency.
- Two compressors and separate control of the upper refrigeration chamber and the lower freezing chamber.
- ·The CFC-free polyurethane foam technology and the thicker insulating layer can improve the effect of thermal insulation.



#### **Security System**

- The well-developed audible & visual alarm system makes it safer for storage;
- The turn-on delay and stopping interval protection function can ensure reliability in running;
- The door is equipped with a lock, improving security of sample storage.



#### Lighting System inside the Cabinet

The LED lighting system provides great visibility.



#### **Human-oriented**

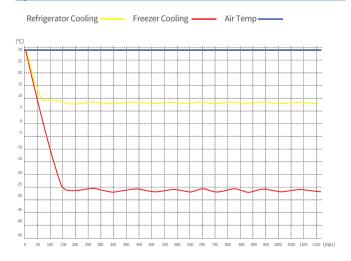
- Three steel wire shelf are standard in the refrigerator room, and three ABS drawers are standard in the freezer room;
- Casters at the bottom with locking device for easy movement.



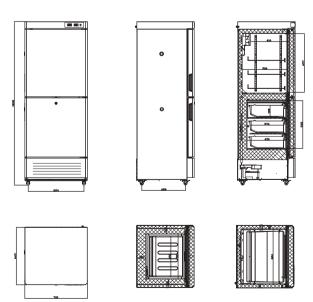
Suitable for freezing of ice bars and storage of various things needing refrigerated storage such as blood plasma, reagent, etc. Suitable for use in hospitals, clinics, health and disease prevention systems, blood banks, laboratories in colleges & universities, the frozen food industry, and catering industry, etc.

# Scope of Application

# Performance Data / Cooling Curve



## External Dimensions



Model         YCD-EL300           Cabinet Type         Upright           Capacity(L)         300, R:197, F:103           Internal Size(W*D*H)mm         R:600*510*E57, F:500*460*535           External Size(W*D*H)mm         700*640*1876           Package Size(W*D*H)mm         760*720*1935           NW/GW(Kgs)         87/102           Performance         R:5           Temperature Range         R:2~8, F:10~26           Ambient Temperature         16-32           Cooling Performance         R:5, F:26           Climate Class         N           Controller         Microprocessor           Display         Digital display           Refrigeration         Compressor           Compressor         2pcs           Cooling Method         R: Forced air cooling, F:Direct cooling           Refrigerant         R:600a           Refrigerant         R:600a           Insulation Thickness(mm)         R:50, F:100           Construction         External Material           Inner Material         Aluminum plate with spraying           Shelves         R:3(coated steel wired shelf),F:3(ABS)           Door Lock with Key         Yes           Lighting         LED	2∼8°C /-10∼-26°C Combined Refrigerator & Freezer		
Capacity(L)         300, R:197, F:103           Internal Size(W*D*H)mm         R:600*510*657, F:500*460*535           External Size(W*D*H)mm         700*640*1876           Package Size(W*D*H)mm         760*720*1935           NW/GW(Kgs)         87/102           Performance           Emperature Range           Ambient Temperature         16-32           Cooling Performance         R:5, F:26           Climate Class         N           Controller         Microprocessor           Display         Digital display           Refrigeration         Cooling Method           Compressor         2pcs           Cooling Method         R: Forced air cooling, F:Direct cooling           Defrost Mode         R: Automatic, F:Manual           Refrigerant         R:600a           Insulation Thickness(mm)         R: 50, F:100           Construction           External Material         Auminum plate with spraying           Shelves         R:3(coated steel wired shelf), F:3(ABS)           Door Lock with Key         Yes           Lighting         LED           Access Port         2pc.s 25 mm           Casters         4 (2 c asters with brake)	Model	YCD-EL300	
Internal Size(W*D*H)mm	Cabinet Type	Upright	
External Size(W*D*H)mm         700*640*1876           Package Size(W*D*H)mm         760*720*1935           NW/GW(Kgs)         87/102           Performance           Emperature Range         R:2~8, F:10~26           Ambient Temperature         16-32           Cooling Performance         R:5, F:26           Climate Class         N           Controller         Microprocessor           Display         Digital display           Refrigeration         Refrigeration           Congressor         2pcs           Cooling Method         R: Forced air cooling, F:Direct cooling           Defrost Mode         R:Automatic,F:Manual           Refrigerant         R600a           Insulation Thickness(mm)         R:50,F:100           Construction           External Material         Powder coated material           Inner Material         Aluminum plate with spraying           Shelves         R:3(coated steel wired shelf),F:3(ABS)           Dor Lock with Key         Yes           Lighting         LED           Access Port         2pcs. Ø 25 mm           Casters         4 (2 casters with brake)           Alarm         High/Low temperature	Capacity(L)	300, R:197, F:103	
Package Size(W*D*H)mm         760*720*1935           NW/GW(Kgs)         87/102           Performance         Temperature Range         R:2~8, F:10~26           Ambient Temperature         16:32           Cooling Performance         R:5, F:26           Climate Class         N           Controller         Microprocessor           Display         Digital display           Refrigeration         Cooling Method         R: Forced air cooling , F:Direct cooling           Defrost Mode         R:Automatic, F:Manual           Refrigerant         R:600a           Insulation Thickness(mm)         R:500a           Insulation Thickness(mm)         R:500, F:100           Construction           External Material         Powder coated material           Inner Material         Aluminum plate with spraying           Shelves         R:3(coated steel wired shelf),F:3(ABS)           Door Lock with Key         Yes           Lighting         LED           Access Port         2pcs. Ø 25 mm           Casters         4 (2 casters with brake)           Alarm         Temperature           System         Sensor failure,Door ajar           Electrical	Internal Size(W*D*H)mm	R:600*510*657, F:500*460*535	
NW/GW(kgs) 87/102  Performance  Temperature Range R:2~8, F:-10~-26  Ambient Temperature 16-32  Cooling Performance R:5, F:-26  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 R600a  Insulation Thickness(mm) R:50, F:100  Construction  External Material Powder coated material Inner Material Aluminum plate with spraying Shelves R:3(coated steel wired shelf), F:3(ABS)  Door Lock with Key Yes  Lighting LED  Access Port 2pcs. Ø 25 mm  Casters 4(2 casters with brake)  Alarm  Temperature System Sensor failure, Door ajar  Electrical  Power (W) 250  Power (NW) 250  Power (Consumption (KWh/24h) 1.54	External Size(W*D*H)mm	700*640*1876	
Performance  Temperature Range R:2~8, F:-10~26  Ambient Temperature 16-32  Cooling Performance R:5, F:-26  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 R600a Insulation Thickness(mm) R:50, F:100  Construction  External Material Aluminum plate with spraying Shelves R:3(coated steel wired shelf), F:3(ABS)  Door Lock with Key Yes Lighting LED  Access Port 2pcs. Ø 25 mm  Casters 4 (2 casters with brake)  Alarm  Temperature High/Low temperature System Sensor failure, Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50  Power (W) 250  Power Consumption(KWh/24h) 1.54	Package Size(W*D*H)mm	760*720*1935	
Temperature RangeR:2~8, F:-10~26Ambient Temperature16-32Cooling PerformanceR:5, F:-26Climate ClassNControllerMicroprocessorDisplayDigital displayRefrigerationCompressor2pcsCooling MethodR: Forced air cooling, F:Direct coolingDefrost ModeR:Automatic,F:ManualRefrigerantR600aInsulation Thickness(mm)R:50, F:100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelvesR:3(coated steel wired shelf),F:3(ABS)Door Lock with KeyYesLightingLEDAccess Port2pcs. Ø 25 mmCasters4 (2 casters with brake)AlarmHigh/Low temperatureSystemSensor failure,Door ajarElectricalPower Supply(V/HZ)Power Supply(V/HZ)220-240-/50Power (W)250Power Consumption(KWh/24h)1,54	NW/GW(Kgs)	87/102	
Ambient Temperature16-32Cooling PerformanceR:5, F:-26Climate ClassNControllerMicroprocessorDisplayDigital displayRefrigerationCompressor2pcsCooling MethodR: Forced air cooling , F:Direct coolingDefrost ModeR: Automatic, F:ManualRefrigerantR:50, F:100Insulation Thickness(mm)R:50, F:100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelvesR:3(coated steel wired shelf), F:3(ABS)Door Lock with KeyYesLightingLEDAccess Port2pcs. Ø 25 mmCasters4 (2 casters with brake)AlarmTemperatureSystemSensor failure, Door ajarElectricalPower Supply(V/HZ)220-240-/50Power (W)250Power Consumption(KWh/24h)1.54	Performance		
Cooling PerformanceR:5, F:-26Climate ClassNControllerMicroprocessorDisplayDigital displayRefrigerationCompressor2pcsCooling MethodR: Forced air cooling , F:Direct coolingDefrost ModeR:Automatic,F:ManualRefrigerantR600aInsulation Thickness(mm)R:50, F:100External MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelvesR:3(coated steel wired shelf), F:3(ABS)Door Lock with KeyYesLightingLEDAccess Port2pcs. Ø 25 mmCasters4 (2 casters with brake)AlarmTemperatureSystemSensor failure, Door ajarElectricalPower Supply(V/HZ)220-240-/50Power (W)250Power Consumption(KWh/24h)1.54	Temperature Range	R:2~8, F:-10~-26	
Climate Class Microprocessor Display Digital display  Refrigeration  Compressor 2pcs Cooling Method R: Forced air cooling , F: Direct cooling Defrost Mode R: Automatic, F: Manual Refrigerant R600a Insulation Thickness(mm) R:50, F: 100  Construction  External Material Powder coated material Inner Material Aluminum plate with spraying Shelves R:3(coated steel wired shelf), F: 3(ABS) Door Lock with Key Yes LED Access Port 2pcs. Ø 25 mm Casters Alarm  Temperature High/Low temperature System Sensor failure, Door ajar  Electrical  Power Supply(V/HZ) 220-240-/50 Power (W) 250 Power Consumption(KWh/24h) 1.54	Ambient Temperature	16-32	
Controller Microprocessor  Display Digital display  Refrigeration  Compressor 2pcs  Cooling Method R: Forced air cooling , F:Direct cooling  Defrost Mode R:Automatic, F:Manual  Refrigerant R600a Insulation Thickness(mm) R:50, F:100  Construction  External Material Powder coated material Inner Material Aluminum plate with spraying Shelves R:3(coated steel wired shelf), F:3(ABS)  Door Lock with Key Yes Lighting LED  Access Port 2pcs. Ø 25 mm  Casters 4(2 casters with brake)  Alarm  Temperature High/Low temperature System Sensor failure, Door ajar  Electrical  Power Supply(V/HZ) 220-240-/50  Power (W) 250  Power Consumption(KWh/24h) 1.54	Cooling Performance	R:5, F:-26	
Display     Digital display       Refrigeration       Compressor     2pcs       Cooling Method     R: Forced air cooling, F:Direct cooling       Defrost Mode     R:Automatic,F:Manual       Refrigerant     R600a       Insulation Thickness(mm)     R:50, F:100       Construction       External Material     Powder coated material       Inner Material     Aluminum plate with spraying       Shelves     R:3(coated steel wired shelf),F:3(ABS)       Door Lock with Key     Yes       Lighting     LED       Access Port     2pcs, Ø 25 mm       Casters     4 (2 casters with brake)       Alarm       Temperature     High/Low temperature       System     Sensor failure,Door ajar       Electrical       Power Supply(V/HZ)     220-240~/50       Power Consumption(KWh/24h)     1.54	Climate Class	N	
Refrigeration  Compressor 2pcs  Cooling Method R: Forced air cooling, F:Direct cooling  Defrost Mode R:Automatic, F:Manual  Refrigerant R600a Insulation Thickness(mm) R:50, F:100  Construction  External Material Powder coated material Inner Material Aluminum plate with spraying Shelves R:3(coated steel wired shelf), F:3(ABS)  Door Lock with Key Yes Lighting LED  Access Port 2pcs, Ø 25 mm  Casters 4 (2 casters with brake)  Alarm  Temperature High/Low temperature System Sensor failure, Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50  Power (W) 250  Power Consumption (KWh/24h) 1.54	Controller	Microprocessor	
Compressor2pcsCooling MethodR: Forced air cooling, F:Direct coolingDefrost ModeR:Automatic,F:ManualRefrigerantR600aInsulation Thickness(mm)R:50, F:100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelvesR:3(coated steel wired shelf),F:3(ABS)Door Lock with KeyYesLightingLEDAccess Port2pcs. Ø 25 mmCasters4 (2 casters with brake)AlarmTemperatureSystemSensor failure,Door ajarElectricalPower Supply(V/HZ)220-240-/50Power(W)250Power Consumption(KWh/24h)1.54	Display	Digital display	
Cooling Method  R: Forced air cooling, F:Direct cooling  Defrost Mode  R:Automatic, F:Manual  Refrigerant  R600a  Insulation Thickness(mm)  R:50, F:100  Construction  External Material  Inner Material  Inner Material  Aluminum plate with spraying  Shelves  R:3(coated steel wired shelf), F:3(ABS)  Door Lock with Key  Yes  Lighting  LED  Access Port  2pcs. Ø 25 mm  Casters  4 (2 casters with brake)  Alarm  Temperature  System  Sensor failure, Door ajar  Electrical  Power Supply(V/HZ)  220-240~/50  Power(W)  250  Power Consumption(KWh/24h)  1.54	Refrigeration		
Defrost Mode Refrigerant Refo0a Refrigerant Refo0a R:50, F:100  Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves R:3(coated steel wired shelf), F:3(ABS) Door Lock with Key Yes Lighting LED Access Port 2pcs. Ø 25 mm Casters 4 (2 casters with brake)  Alarm  Temperature System Bensor failure, Door ajar  Electrical Power Supply(V/HZ) 220-240~/50 Power (W) 250 Power Consumption(KWh/24h)  R:50, F:100 Refo0a Refo0a Refo0a R:Automatic, F:Manual Refo0a R	Compressor	2pcs	
Refrigerant R600a Insulation Thickness(mm) R:50, F:100  Construction  External Material Powder coated material Inner Material Aluminum plate with spraying Shelves R:3(coated steel wired shelf), F:3(ABS) Door Lock with Key Yes Lighting LED Access Port 2pcs. Ø 25 mm Casters 4(2 casters with brake)  Alarm  Temperature High/Low temperature System Sensor failure, Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50 Power(W) 250 Power Consumption(KWh/24h) 1.54	Cooling Method	R: Forced air cooling , F:Direct cooling	
Insulation Thickness(mm)  Construction  External Material Powder coated material Inner Material Aluminum plate with spraying Shelves R:3(coated steel wired shelf),F:3(ABS)  Door Lock with Key Yes Lighting LED  Access Port 2pcs. Ø 25 mm Casters 4(2 casters with brake)  Alarm  Temperature High/Low temperature System Sensor failure,Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50  Power(W) 250  Power Consumption(KWh/24h) 1.54	Defrost Mode	R:Automatic,F:Manual	
External Material Powder coated material Inner Material Aluminum plate with spraying Shelves R:3(coated steel wired shelf),F:3(ABS) Door Lock with Key Yes Lighting LED Access Port 2pcs. Ø 25 mm Casters 4(2 casters with brake)  Alarm Temperature High/Low temperature System Sensor failure,Door ajar  Electrical Power Supply(V/HZ) 220-240~/50 Power(W) 250 Power Consumption(KWh/24h) 1.54	Refrigerant	R600a	
External Material Powder coated material Inner Material Aluminum plate with spraying Shelves R:3(coated steel wired shelf),F:3(ABS) Door Lock with Key Yes Lighting LED Access Port 2pcs. Ø 25 mm Casters 4(2 casters with brake)  Alarm Temperature High/Low temperature System Sensor failure,Door ajar  Electrical Power Supply(V/HZ) 220-240~/50 Power (W) 250 Power Consumption(KWh/24h) 1.54	Insulation Thickness(mm)	R:50, F:100	
Inner Material Aluminum plate with spraying  Shelves R:3(coated steel wired shelf),F:3(ABS)  Door Lock with Key Yes  Lighting LED  Access Port 2pcs. Ø 25 mm  Casters 4(2 casters with brake)  Alarm  Temperature High/Low temperature  System Sensor failure,Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50  Power(W) 250  Power Consumption(KWh/24h) 1.54	Construction		
Shelves R:3(coated steel wired shelf),F:3(ABS)  Door Lock with Key Yes  Lighting LED  Access Port 2pcs. Ø 25 mm  Casters 4(2 casters with brake)  Alarm  Temperature High/Low temperature  System Sensor failure,Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50  Power(W) 250  Power Consumption(KWh/24h) 1.54	External Material	Powder coated material	
Door Lock with Key  Lighting  LED  Access Port  2pcs. Ø 25 mm  Casters  4 (2 casters with brake)  Alarm  Temperature  High/Low temperature  System  Sensor failure,Door ajar  Electrical  Power Supply(V/HZ)  220-240~/50  Power (W)  Power Consumption(KWh/24h)  1.54	Inner Material	Aluminum plate with spraying	
Lighting  Access Port  2pcs. Ø 25 mm  Casters  4(2 casters with brake)  Alarm  Temperature  High/Low temperature  System  Sensor failure,Door ajar  Electrical  Power Supply(V/HZ)  220-240~/50  Power(W)  250  Power Consumption(KWh/24h)  1.54	Shelves	R:3(coated steel wired shelf),F:3(ABS)	
Access Port 2pcs. Ø 25 mm  Casters 4 (2 casters with brake)  Alarm  Temperature High/Low temperature  System Sensor failure,Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50  Power(W) 250  Power Consumption(KWh/24h) 1.54	Door Lock with Key	Yes	
Casters 4 (2 casters with brake)  Alarm  Temperature High/Low temperature  System Sensor failure,Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50  Power(W) 250  Power Consumption(KWh/24h) 1.54	Lighting	LED	
Alarm  Temperature High/Low temperature System Sensor failure,Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50  Power(W) 250  Power Consumption(KWh/24h) 1.54	Access Port	2pcs. Ø 25 mm	
Temperature High/Low temperature  System Sensor failure,Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50  Power(W) 250  Power Consumption(KWh/24h) 1.54	Casters	4 (2 casters with brake)	
System Sensor failure,Door ajar  Electrical  Power Supply(V/HZ) 220-240~/50  Power(W) 250  Power Consumption(KWh/24h) 1.54	Alarm		
ElectricalPower Supply(V/HZ)220-240~/50Power(W)250Power Consumption(KWh/24h)1.54	Temperature	High/Low temperature	
Power Supply(V/HZ)         220-240~/50           Power(W)         250           Power Consumption(KWh/24h)         1.54	System	Sensor failure,Door ajar	
Power(W) 250 Power Consumption(KWh/24h) 1.54	Electrical		
Power Consumption(KWh/24h) 1.54	Power Supply(V/HZ)	220-240~/50	
	Power(W)	250	
Rated Current(A) 1.37	Power Consumption (KWh/24h)	1.54	
	Rated Current(A)	1.37	

 $<sup>{}^\</sup>star \text{The model, parameters and performance specified in this brochure may be changed without prior notice because of product upgrading.}$ 



<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.