

YCD-EL300

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.



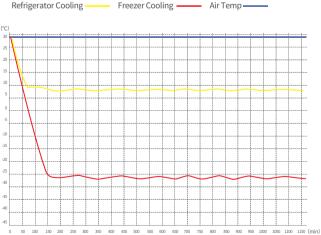
Human-oriented

- 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.

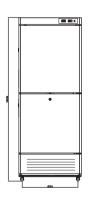


Suitable for freezing of ice bars and storage of various things needing refrigerated storage such as blood plasma, reagent, etc. Suitable for use in hospitals, clinics, health and disease prevention systems, blood banks, laboratories in colleges & universities, the frozen food industry, and catering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

Performance Data / Cooling Curve Refrigerator Cooling Freezer Cooling -



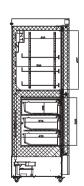
External Dimensions













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 760*20*1935 NW/GW(Kgs) 87/102 Performance R*Provement 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 Defrost Mode R: Automatic, F:Manual Refrigerant R:600a 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. 0 25 mm	2∼8°C /-10∼-26°C Combined Refrigerator & Freezer	
Capacity(L) 300, R:197, F:103 Internal Size(W*D*H)mm R:600*S10*657, F:500*460*535 External Size(W*D*H)mm 700*640*1826 Package Size(W*D*H)mm 760*720*1935 NW/GW(Kgs) 8.7/102 Performance ************************************	Model	YCD-EL300
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Cooling 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)AlarmTemperatureSystemSensor failure,Door ajarElectricalPower Supply(V/HZ)220-240/50Power(W)296Power Consumption(KWh/24h)1.54	Temperature Range	R:2~8, F:-10~-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 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) 20-240/50 Power (W) 296 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) 296 Power Consumption(KWh/24h) 1.54	Cooling Performance	R:5, F:-26
Digital display Refrigeration Compressor Cooling Method R: Forced air cooling, F:Direct cooling Defrost Mode R:Automatic,F:Manual Refrigerant Re600a 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) 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) 296 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 ajarElectricalElectricalPower Supply(V/HZ)220-240/50Power(W)296Power Consumption(KWh/24h)1.54	Display	Digital display
Cooling 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)AlarmTemperatureHigh/Low temperature,SystemSensor failure, Door ajarElectricalElectricalPower Supply(V/HZ)220-240/50Power(W)296Power Consumption(KWh/24h)1.54	Refrigeration	
Defrost 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)296Power Consumption(KWh/24h)1.54	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) 296 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) 296 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) 296 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) 296 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) 296 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) 296 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) 296 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) 296 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) 296 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) 296 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) 296 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) 296 Power Consumption(KWh/24h) 1.54	Alarm	
ElectricalPower Supply(V/HZ)220-240/50Power(W)296Power Consumption(KWh/24h)1.54	Temperature	High/Low temperature,
Power Supply(V/HZ) 220-240/50 Power(W) 296 Power Consumption(KWh/24h) 1.54	System	Sensor failure,Door ajar
Power(W) 296 Power Consumption(KWh/24h) 1.54	Electrical	
Power Consumption(KWh/24h) 1.54	Power Supply(V/HZ)	220-240/50
	Power(W)	296
Rated Current(A) 1.37	Power Consumption(KWh/24h)	1.54
	Rated Current(A)	1.37

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



^{*}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.