

LT40-90U

- Brand New Appearance, the Second Generation of High-quality Product
 The polyurethane foam door has great thermal insulation performance.
- Multiple alarms ensure safety of storage
 The freezer has multiple audible & visual alarm functions, such as high temperature/low temperature alarm, door opening/closing alarm, sensor failure alarm, etc. and can guarantee security of samples in a comprehensive way.
- Temperature Control
 The high-precision computerized temperature control system ensures an adjustable temperature within a range from -20 to -40°C inside the cabinet.









Alarm Upgrading

The high temperature/low temperature alarm, door opening alarm, sensor failure alarm and power outage alarm can ensure security of samples comprehen-sively;



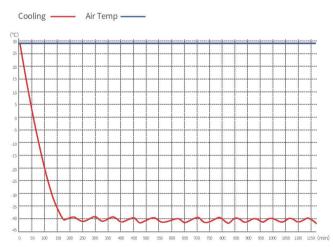
Human-oriented

The invisible door handle can prevent damage during transportation and save space;
The 3 drawers are convenient for separate storage of different types of things and can prevent cross influence among various things.

Scope of Application

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.

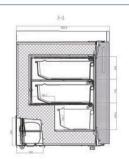
Performance Data / Cooling Curve



External Dimensions









Model	-40°C Low-temperature Medical Freezer	
Capacity(L) 90 Internal Size(W*D*H)mm 500*485*532 External Size(W*D*H)mm 815*810*1063 NW/GW(Kgs) 54/60 Performance Temperature Range -20~40°C Ambient Temperature 16-32°C Cooling Performance -40°C Colinate Class N Controller Microprocessor Display Digital display Refrigeration Cooling Method Direct Cooling Defrost Mode Refrigerant Resolution Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1p.c. @ 25 mm Casters 2+(2 leveling feet) Alarm Temperature System Sensor error	Model	LT40-90U
Internal Size(W*D*H)mm	Cabinet Type	Upright
External Size(W*D*H)mm 700*669*854 Package Size(W*D*H)mm 815*810*1063 NW/GW(Kgs) 54/60 Performance Emperature Range -20~40°C Ambient Temperature 16-32°C Cooling Performance -40°C Climate Class N Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature System Sensor error Construction Door ajar<	Capacity(L)	90
Package Size(W*D*H)mm 815*810*1063 NW/GW(Kgs) 54/60 Performance -20~40°C Ambient Temperature 16-32°C Cooling Performance -40°C Climate Class N Controller Microprocessor Display Digital display Refrigeration To Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 200/50	Internal Size(W*D*H)mm	500*485*532
NW/GW(Kgs) 54/60 Performance Temperature Range -20~40°C Ambient Temperature 16-32°C Cooling Performance -40°C Climate Class N Controller Microprocessor Display Digital display Refrigeration Compressor Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Sensor error Construction Sons or error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 <	External Size(W*D*H)mm	700*669*854
Performance Temperature Range -20~-40°C Ambient Temperature 16~32°C Cooling Performance -40°C Climate Class N Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2½ leveling feet) Alarm Temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) Power Supply(V/HZ) 200/50 Input Power(W) 370 Input Power(W) 1.69	Package Size(W*D*H)mm	815*810*1063
Temperature Range -20~-40°C Ambient Temperature 16-32°C Cooling Performance -40°C Climate Class N Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 370 Power Consumption(KWh/24h) 1,69	NW/GW(Kgs)	54/60
Ambient Temperature 16-32°C Cooling Performance -40°C Climate Class N Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Electrical Electrical Electrical Electrical Fower Supply(V/HZ) 220/50 Rated Power(W) 370 Fower Consumption(KWh/24h) 1.69	Performance	
Coling Performance -40°C Climate Class N Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Electrical Electrical Electrical Electrical Power Supply(V/HZ) 220/50 Rated Power (W) 200 Input Power (W) 370 Power Consumption(KWh/24h) 1.69	Temperature Range	-20~-40°C
Climate Class Nicroprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Ambient Temperature	16-32°C
ControllerMicroprocessorDisplayDigital displayRefrigerationCompressor1pcCooling MethodDirect CoolingDefrost ModeManualRefrigerantR290Insulation Thickness(mm)100External MaterialInner MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesExternal LockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)AlarmTemperatureHigh/low temperatureSystemSensor errorConstructionDoor ajarElectricalPower Supply(V/HZ)220/50Rated Power(W)200Input Power(W)370Power Consumption(KWh/24h)1,69	Cooling Performance	-40°C
Display Digital display Refrigeration Compressor 1pc Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1,69	Climate Class	N
Refrigeration Compressor 1pc Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Controller	Microprocessor
Compressor1pcCooling MethodDirect CoolingDefrost ModeManualRefrigerantR290Insulation Thickness(mm)100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesExternal LockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)AlarmTemperatureHigh/low temperatureSystemSensor errorConstructionDoor ajarElectricalPower Supply(V/HZ)220/50Rated Power(W)200Input Power(W)370Power Consumption(KWh/24h)1.69	Display	Digital display
Cooling MethodDirect CoolingDefrost ModeManualRefrigerantR290Insulation Thickness(mm)100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesExternal LockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)AlarmTemperatureHigh/low temperatureSystemSensor errorConstructionDoor ajarElectricalPower Supply(V/HZ)220/50Rated Power(W)370Power Consumption(KWh/24h)1.69	Refrigeration	
Defrost Mode Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Compressor	1pc
Refrigerant R290 Insulation Thickness(mm) 100 Construction External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Cooling Method	Direct Cooling
Insulation Thickness(mm)100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesExternal LockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)AlarmTemperatureSystemSensor errorConstructionDoor ajarElectricalPower Supply(V/HZ)220/50Rated Power(W)200Input Power(W)370Power Consumption(KWh/24h)1.69	Defrost Mode	Manual
External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Refrigerant	R290
External Material Powder coated material Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) Input Power(W) Power Consumption(KWh/24h) 1.69	Insulation Thickness(mm)	100
Inner Material Aluminum plate with spraying Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Construction	
Shelves 3(ABS) Door Lock with Key Yes External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	External Material	Powder coated material
Door Lock with Key External Lock Optional Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) Rated Power(W) 1nput Power(W) Power Consumption(KWh/24h) 1.69	Inner Material	Aluminum plate with spraying
External Lock Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 1nput Power(W) Power Consumption(KWh/24h) 1.69	Shelves	3(ABS)
Access Port 1pc. Ø 25 mm Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Door Lock with Key	Yes
Casters 2+(2 leveling feet) Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	External Lock	Optional
Alarm Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Access Port	1pc. Ø 25 mm
Temperature High/low temperature System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Casters	2+(2 leveling feet)
System Sensor error Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Alarm	
Construction Door ajar Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Temperature	High/low temperature
Electrical Power Supply(V/HZ) 220/50 Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	System	Sensor error
ElectricalPower Supply(V/HZ)220/50Rated Power(W)200Input Power(W)370Power Consumption(KWh/24h)1.69	Construction	Door ajar
Rated Power(W) 200 Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Electrical	
Input Power(W) 370 Power Consumption(KWh/24h) 1.69	Power Supply(V/HZ)	220/50
Power Consumption(KWh/24h) 1.69	Rated Power(W)	200
	Input Power(W)	370
Rated Current(A) 1.68	Power Consumption(KWh/24h)	1.69
	Rated Current(A)	1.68



^{*}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.