

-25°C FREEZER



-25°C FREEZER

Engineered for storage of number of samples like test samples and plasma to biologicals, enzymes for genetic research, sensitive materials and temperature. Features like low energy consumption, low noise level, low heat dissipation and safety towards audible alarm for high/ low temperature makes this product perfect.

Used in Laboratories, Routine Cold Storage, Biologicals, Pharmaceuticals, Clinical, Research.

Also known as Laboratory ULT freezer, ULT Freezer, Ultra-low Freezer.

ULT13 -10°C TO -25°C ULTRA LOW TEMPERATURE UPRIGHT FREEZER

Chemically stable, CFC-Free, environmentally, safe refrigerant

High density CFC-Free urethane foam insulation for rigidity and stable storage temperature

Microprocessor control, digital display adjustable

LED digital display

Audible and visible alarm

Controller password protect function to avoid change running parameter randomly

Independent inner door to avoid more cooling leaking out, and provide more stable internal temperature performance

Upright side door with built-in handle for easy-opening; limit door hinge to prevent collision when door open

Lockable caster design for customer to move as needed



SPECIFICATIONS

| Model | ULT13-105 | ULT13-268 | ULT13-328 |
|----------------------|---|--|-----------------|
| Capacity | 105 L | 268 L | 328 L |
| Temperature Range | -10°C to -25°C | | |
| Ambient Temperature | 10°C ~ +32°C | | |
| Defrosting | Manual | | |
| Cooling Type | Direct Cooling | | |
| Insulation Material | PURF | - | - |
| Refrigerant | HC-R290 | R290 | |
| Internal Dimension | 480x380x665 mm | 508x455x1137 mm | 508x455x1393 mm |
| Overall Dimension | 615x570x880 mm | 690x680x1635 mm | 690x680x1900 mm |
| Package Size | 675x625x1000 mm | 760x760x1750 mm | 750x760x2030 mm |
| Exterior | Color Sprayed steel | - | - |
| Controller | Microprocessor, Digital display | | |
| Sensor | NTC | | |
| Compressor Brand/QTY | DONPERN/1 | CUBIGELN/1 | |
| Noise Level | 46 db | | |
| Alarm | High/low temperature, Power off, Sensor malfunction, Temperature controller malfunction | High/low temperature, Power off, Sensor malfunction, Temperature controller malfunction, Door ajar | |
| Standard Accessories | Caster, Test hole 1/25 mm | Caster, Remote alarm | |
| Weight (Net/Gross) | 62 / 70 kg | - | - |

| | | | |
|---------------------------------|------------|-----------|---|
| Rated Power | 174 W | - | - |
| Power Consumption (Kwh/24hrs) | 1.59 | 3 | |
| Power Supply | 220V, 50Hz | | |
| Drawers/Shelves | - | Shelves | |
| Optional Accessories | - | Test hole | |



ULT13-105



ULT13-268



ULT13-328

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Lockable caster design for customer to move as needed



SPECIFICATIONS

| Model | ULT13-485 | ULT13-278 |
|----------------------|---------------------------------|-----------------|
| Capacity | 485 L | 278 L |
| Temperature Range | -10°C to -25°C | |
| Ambient Temperature | 10°C ~ +32°C | |
| Defrosting | Manual | |
| Cooling Type | Direct Cooling | |
| Insulation Material | PURF | - |
| Refrigerant | HC-R290 | R290 |
| Internal Dimension | 1455x525x665 mm | 480x415x1460 mm |
| Overall Dimension | 1655x755x915 mm | 670x640x1695 mm |
| Package Size | 1710x885x1020 mm | 730x670x1850 mm |
| Exterior | Color Sprayed steel | - |
| Controller | Microprocessor, Digital display | |
| Sensor | NTC | |
| Compressor Brand/QTY | CUBIGELN/1 | DONPERN/1 |

| | | |
|---------------------------------|---|---|
| Alarm | High/low temperature, Power off, Sensor malfunction, Temperature controller malfunction | High/low temperature, Sensor malfunction, Temperature controller malfunction, Door ajar |
| Standard Accessories | Caster Optional accessories: Test hole | - |
| Weight (Net/Gross) | 124 / 138 kg | - |
| Rated Power | 295 W | - |
| Power Consumption (Kwh/24hrs) | 3.45 | 1.5 |
| Power Supply | 220V, 50Hz | |
| Drawers/Shelves | - | Shelves |
| Noise Level | - | 46 db |



ULT13-485



ULT13-278

ULT13-528 -10°C TO -25°C ULTRA LOW TEMPERATURE UPRIGHT FREEZER

The temperature accuracy is 0.1 °C.

Independent door to avoid cooling leakage provide ensure good inner temperature uniformity

Safety door lock and controller setting password to prevent unauthorized access

Build-in back-up battery to power temperature controller when power failure or system error

Visual and audible alarm system.

Power failure protection: turn on delay of the cooling system after power failure

Controller error protection: when controller or two sensors failed, the device will keep working depending on the preset program.

18 drawers for easy storing

External and internal material is steel plate with corrosion resistant printing

Service free fan motor for long time and safe use

Environmental friendly CFC-free refrigerant and foam layer

Independent door to avoid cooling leakage provide ensure good inner temperature uniformity

Safety door lock and controller setting password to prevent unauthorized access

Build-in back-up battery to power temperature controller when power failure or system error

Visual and audible alarm system

Power failure protection: turn on delay of the cooling system after power failure

Controller error protection: when controller or two sensors failed, the device will keep working depending on the preset program.

18 drawers for easy storing

External and internal material is steel plate with corrosion resistant printing

Service free fan motor for long time and safe use

Environmental friendly CFC-free refrigerant and foam layer



SPECIFICATIONS

| | |
|----------------------|--|
| Model | ULT13-528 |
| Capacity | 528 L |
| Temperature Range | -10°C to -25°C |
| Ambient Temperature | 10°C ~ +32°C |
| Defrosting | Manual |
| Cooling Type | Direct Cooling |
| Refrigerant | R290 |
| Internal Dimension | 651x631.5x6.5 mm * 2 |
| Overall Dimension | 900x818.5x1828 mm |
| Package Size | 997x912x1982 mm |
| Drawers/Shelves | Shelves and drawers |
| Controller | Microprocessor, Digital displayx2 |
| Compressor Brand/QTY | 2 |
| Noise Level | 55 db |
| Alarm | High/low temperature, Power failure, Sensor malfunction, High Ambient temperature, Door Ajar |

| | |
|---------------------------------|--|
| Standard Accessories | Caster*4, Test hole 25mm*2, Basket*18, Shelf*4 |
| Optional Accessories | Data logger, Printer, 110V transformer |
| Weight (Net/Gross) | 160/180 kg |
| Rated Power | 310 W |
| Power Consumption (Kwh/24hrs) | 6 |
| Rated Current A | 2.9 |
| Power Supply | 220 V/50~60 Hz |

ULT13-936 -10°C TO -25°C ULTRA LOW TEMPERATURE UPRIGHT FREEZER

LED digital display and increment at 0.1°C

Permanently lubricated cooling fan for safety and longevity

Independent inner door to avoid more cooling leaking out, and provide more stable inside temperature performance

High density CFC-Free urethane foam insulation

Build-in lock with safety

Lockable caster design

Chemically stable, CFC -free, commercially available and environmentally safe refrigerant

Optimized refrigeration system designed to maximize cooling effect and temperature uniformity

Visible and Audible alarm

Corrosion proof cabinet interior design

Power failure protect: the device would be attack by the high current when all devices restart simultaneously, the start-delay function would protect device from the damage



SPECIFICATIONS

| | |
|----------------------|---------------------------------|
| Model | ULT13-936 |
| Capacity | 936 L |
| Temperature Range | -10°C to -25°C |
| Ambient Temperature | 10°C ~ +32°C |
| Defrosting | Manual |
| Cooling Type | Direct Cooling |
| Insulation Material | PURF |
| Refrigerant | R404A |
| Internal Dimension | 1000x700x1335 mm |
| Overall Dimension | 1304x1000x2017 mm |
| Package Size | 1350x1080x2150 mm |
| Drawers/Shelves | Shelves |
| Interior | Stainless steel |
| Exterior | Color sprayed steel |
| Controller | Microprocessor, Digital display |
| Sensor | PTC |
| Compressor Brand/QTY | SECOP/2 |
| Evaporator | Submerged coil evaporator |
| Evaporator Material | Copper tube evaporator |

| | |
|---------------------------------|--|
| Condenser | Copper tube and finned |
| Noise Level | 50 db |
| Alarm | High/low temperature, Power off, High / Low voltage, Sensor malfunction, Temperature controller malfunction, Backup battery malfunction, Condensor malfunction, Ambient temperature, Door ajar |
| Standard Accessories | Foot, Test hole 1/18 mm, Remote alarm, CO2 backup system |
| Optional Accessories | LN2 backup system, USB port, Temperature recorder |
| Weight (Net/Gross) | 310/330 kg |
| Rated Power | 1000 W |
| Power Consumption (Kwh/24hrs) | 10 |
| Rated Current A | 5.8 |
| Power Supply | 220V, 50Hz |



Biozef

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