

REFRIGERATORS & ULTRA-LOW FREEZERS



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Our Upright Freezers are a reliable storage tool for many customers all around the world, offering ultra-low temperature storage with advanced refrigeration systems. The ultra-low temperature freezer maintains a low noise level. This versatile, low energy consumption freezer has a battery backup for audible alarm and temperature display in case of power failure.

Ultra-Low Upright Freezers -86°C/-152°C/-164°C design and established with precaution to focus on each feature of the product, ensuring that each and every part of instruments works together to create an optimized system. Provide benefits to go beyond what you can see and comprise with design essentials that guarantee the best performance of our products. Accommodate large volumes samples by providing a range of Ultra-Low upright freezers and available with an operating temperature range up to -86°C/-152°C/-164°C to fit your requirements.

Ultra-Low Upright Freezers -86° IUUF-2000

Ultra-Low Chest Freezers -86°C IUUF-1000 Series use the best and reliable refrigeration technology and have been designed to occupy less floor space and provide available maximum capacities are: 50 L, 100 L, 138 L, and 328 L with a temperature range of -40°C to -85°C by offering excellent temperature uniformity and stability. This ultra-low temperature freezer designed with a lockable door to prevent unauthorized access. It has the feature of delayed start and safe stop interval between restart and being terminated. Used in hospitals, blood banks, health, colleges and universities, research application, industries, laboratories. The range of ultra-low freezers storage products will permit you to choose the perfect match to meet your requirements through cost and energy saving



- Come with cold-rolled plate with powder-coated painting to ensure anti-corrosion and durability
- Construction material: SS304 stainless steel inner chamber for easy clean
- Adjustable and removable stainless steel shelves easy for setting different samples and clean the chamber
- Polyurethane foam insulation come with 126 mm thick to minimize temperature lose
- Independent inner doors to minimize cold air leakage
- Magnetic door seal to ensure optimal sealing of the door to the fridge
- Castors wheels for easy relocation when needed
- Touch screen for easy operation, user rights setting to ensure the safety of sample

Optional Accessories

- Standard racks & boxes, one-stop equipment
- Extra interior chamber temperature probe
- Voltage stabilizer
- Chart recorder ≥ 7 days' data can be stored

Ultra-Low Upright Freezers -86° IUUF-2000 Series

Ultra-Low Upright Freezers -86°C IUUF-2000 Series design with a cascade refrigeration system that uses two kinds of refrigerants having different boiling points, which run through their own independent freezing cycle and are joined by a heat exchanger. Features with filter for easy cleaning and single hand openable, Gasket heating, leveling caster, etc. Available with maximum capacity up to 390 L 490 L, 650 L with a temperature range of -50 to -86°C.



Ultra-Low Upright Freezers -86° IUUF-3000 Series

Ultra-Low Upright Freezers -86°C IUUF-3000 Series provide benefits to go beyond what you can see and comprise with design essentials that guarantee the best performance of our products. The available capacities are 50 L, 188 L, 340 L, 408 L, 588 L, and 838 L with a temperature range of -40°C to -85°C by offering excellent temperature uniformity and stability. Build-in inner door to avoid more cooling leaking out, and provide more stable inside temperature performance and complete temperature alarm system featuring. Used to stores vaccines, blood plasma, and many other biological products. Features cooling fan for instrument safety, durability, and endurance purpose. The range of upright biomedical freezers storage products will permit you to choose the perfect match to meet your requirements through cost and energy saving.



- Our IUUF-3000 series are chemically stable and maintain durability, commercially available and eco-friendly, safe refrigerant
- Provide high-density CFC and Free urethane foam insulation making instrument more rigid and strong, stable storage temperature
- Temperature can be controlled using a microprocessor
- Digital display with adjustable temperature range: -40°C to -85°C
- Accommodate LED digital display for clear observation
- Build-in inner door to avoid more cooling leaking out, and provide more stable inside temperature performance
- Provide easy door opening with upright side door and handle limit door hinge to prevent a collision when door open
- Lockable caster design for customer to move as needed
- Wide voltage tolerance design with an applied voltage range of 187 to 242 V/AC
- Regulator and control password protection function to avoid unwanted access
- High-performance VIP insulation panels to minimize cabinet heat gain and to improve temperature stability.
- Settable high temperature and low-temperature alarms.
- Automatic clean-filter alarm and sensor error alert.
- Adjustable storage shelf height
- Optional temperature recorder. storage racks and storage box

Optional Accessories

- Castor
- Inside door
- Test hole QTY/diameter
- USB port
- Chart recorder
- Data logger
- Power failure backup system(alarm)
- Remote alarm port
- CO2 back up system
- LN2 back up system

Ultra-Low Upright Freezers -86° IUUF-4000 Series

Ultra-Low Upright Freezers -86°C IUUF-4000 Series is the same as IUUF-3000, the only difference is there temperature work under -60°C to -85°C and -40°C to -85°C. The available capacities are 338 L, 408 L, 588 L, 688 L, 728 L, and 838 L with a temperature range of -60°C to -85°C by offering excellent temperature uniformity and stability. Build-in inner door to avoid more cooling leaking out, and provide more stable inside temperature performance and complete temperature alarm system featuring. Used to stores vaccines, blood plasma, and many other biological products. Features cooling fan for instrument safety, durability, and endurance purpose. The range of upright biomedical freezers storage products will permit you to choose the perfect match to meet your requirements through cost and energy saving.



- Our IUUF-4000 series are chemically stable and maintain durability, commercially available and eco-friendly, safe refrigerant
- Provide high-density CFC and Free urethane foam insulation making instrument more rigid and strong, stable storage temperature
- Temperature can be controlled using a microprocessor
- Digital display with adjustable temperature range: -60°C to -85°C
- Accommodate LED digital display for clear observation
- Build-in inner door to avoid more cooling leaking out, and provide more stable inside temperature performance
- Provide easy door opening with upright side door and handle limit door hinge to prevent a collision when door open
- Lockable caster design for customer to move as needed
- Wide voltage tolerance design with an applied voltage range of 187 to 242 V/AC
- Regulator and control password protection function to avoid unwanted access
- High-performance VIP insulation panels to minimize cabinet heat gain and to improve temperature stability.
- Settable high temperature and low-temperature alarms.
- Automatic clean-filter alarm and sensor error alert.
- Adjustable storage shelf height
- Optional temperature recorder. storage racks and storage box

Optional Accessories

- Castor
- Inside door
- Test hole QTY/diameter
- USB port
- Chart recorder
- Data logger
- Power failure backup system(alarm)
- Remote alarm port
- CO2 back up system
- LN2 back up system

Ultra-Low Upright Freezers -86° IUUF-4000D Series

Ultra-Low Upright Freezers -86°C IUUF-4000D Series design with the dual system: one for breaks down, the other system for continue working to get temperature -80°C. The available capacities are 408 L, 588 L, and 838 L with a temperature range of -40°C to -85°C by offering excellent temperature uniformity and stability. Build-in inner door to avoid more cooling leaking out, and provide more stable inside temperature performance and complete temperature alarm system featuring. Used to stores vaccines, blood plasma, and many other biological products. Features cooling fan for instrument safety, durability, and endurance purpose. The range of upright biomedical freezers storage products will permit you to choose the perfect match to meet your requirements through cost and energy saving.



- Dual system: one for breaks down, the other system for continue working to get temperature -80°C.
- Provide high-density CFC and Free urethane foam insulation making instrument more rigid and strong, stable storage temperature
- Temperature can be controlled using a microprocessor
- Digital display with adjustable temperature range: -40°C to -85°C
- Accommodate LED digital display for clear observation
- Build-in inner door to avoid more cooling leaking out, and provide more stable inside temperature performance
- Provide easy door opening with upright side door and handle limit door hinge to prevent a collision when door open
- Lockable caster design for customer to move as needed
- Wide voltage tolerance design with an applied voltage range of 187 to 242 V/AC
- Regulator and control password protection function to avoid unwanted access
- High-performance VIP insulation panels to minimize cabinet heat gain and to improve temperature stability.
- Settable high temperature and low-temperature alarms.
- Automatic clean-filter alarm and sensor error alert.
- Adjustable storage shelf height
- Optional temperature recorder. storage racks and storage box

Optional Accessories

- Castor
- Inside door
- Test hole QTY/diameter
- USB port
- Chart recorder
- Data logger
- Power failure backup system(alarm)
- Remote alarm port
- CO2 back up system
- LN2 back up system

