# FSF-60H485 -60℃ Deep Freezer

-60℃ Chest Deep freezer is specially designed and manufactured for long term storage of various biological products, including viruses, germs, erythrocytes, leucocyte and cutis. Applications can be found in blood banks, hospitals, edipemic prevention service, and research institutes, laboratories in electronic and chemical plants and biological engineering institutes.

## Features

- Super-cooling technology：Auto-ascade cooling system is designed with a powerful compressor which drives the unique mixed refrigerant for fast cabinet cooling down. The system is simple in construction, energy saving and easy maintenance.
- Advanced thermal insulation：Advanced insulation materials and interior design of multiple independent spaces make deep freezers more efficient in Insulation and less heat loss, so as to achieve the purpose of better thermal insulation performance and energy saving.
- Dixell Temp. Controller： Pricise and stable control.
- 4 types of alarms:Audible and visual alarms.
- Multi-layer sealing design:Better sealing, better insulation.
- Eco-friendly:CFC-free refrigerant & insulation.
- Energy saving:More efficient cooling system.




## Structure

- Stainless Steel lid & Thick PU foamed
- Sturdy steel body with thick PU foaming
- Heavy duty castors with brake
- Ergonomic handle
- Proven Hings
- Hoverable top lid
- Buckle with padlock port
- Access port for extra monitoring
- LED Temp. controller

## Technical Parameter

| Performance | | Refrigeration System | | Alarms | |
|---|---|---|---|---|---|
| Cooling method | Direct Cooling | Refrigerant | R4001 | High/low temperature | Y |
| Defrost | Manual | Temp. controller | Microprocessor | Sensor error | Y |
| Temperature range | -25℃~-60℃ | System | Auto-cascade | Thermostat failure | Y |
| Ambient temperature | 10~32℃ | Sensor | PTC | Power failure alarm(For controller) | / |
| Display | LED digital | Compressor brand/QTY | CUBIGELN/1 | | |
| Access port QTY/Dia. | 1/25mm | Insulation | PURF | | |
| Outside material | Color sprayed steel | Optional Racks | 24(11x1)+6(6X1) | | |
| Inside material | Stainless steel | Boxes (2 Inches) | 300 | | |
| | | Samples(2ml) | 30,000 | | |

| Electrical Data | | Dimensions | | Other | |
|---|---|---|---|---|---|
| Voltage frequency(V/Hz) | 220V 50Hz/110V 60Hz | Package size(W*D*H)(mm) | 1750*873*1065 | SS Racks+Cryoboxes | Optional |
| Power(W) | 600W | Exterior size(W*D*H)(mm) | 1670*810*930 | Data logger | Optional |
| Current(A) | 3.44A | Interior size(W*D*H)(mm) | 1455*525*665 | Baskets | Optional |
| Power consumption | 5.88KWh/24h | Capacity(L/cu.ft) | 485/17.12 | Gloves | Optional |
| Noise(db) | 50 | N.W/G.W(kg) | 122/142.5 | Castor | Universal |