

-86°C

ULT Freezer

(Cascade Cooling System)

Model: HUF-408,588,728,838



Applications

The -86°C ultra-low temperature freezers are designed for long term preservation of virus, germs, vaccines, special food, medicines, reagents, etc.

Features

- Accurate temperature controller, setting temperature range is -60 ~ -86°C, accuracy is 0.1 °C.
- Suggested ambient temperature: +10~32°C.
- Insulated inner door to ensure good temperature uniformity.
- 304 SS inner chamber and round corner for friendly using and easy cleaning.
- Special designed structure for sample storage.
- Wide available voltage range: 187V~242V.

Security

- Safety door lock and controller setting password to prevent unauthorized access.
- Build-in back-up battery to power control system for 72 hours when power failure (some model).
- Visual and audible alarm system: High/low temperature, power failure, sensor failure, door ajar, condenser clean, high ambient.
- Power failure protection: turn on delay of the cooling system after power failure.
- Controller error protection: the cooling system will remember the normal working cycle and keep working depending on this memory when controller or two sensors failed.

Humanized design

- Casters with stopper for easy moving and fixation.
- Adjustable shelves for easy storing.
- Special designed service-free drainage system.
- Condenser clean alarm to remind the user to clean the freezer regularly.

Optional parts

- Test hole, Data logger, Chart recorder, LN2 back-up system, cold storage rack & box.



HUF-838



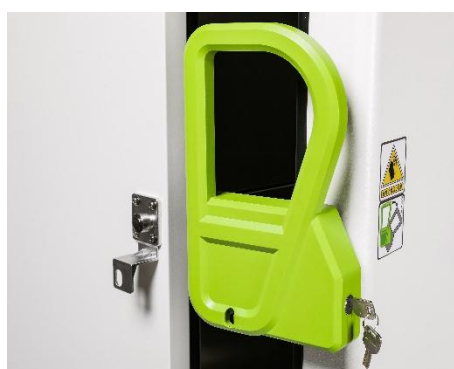
Back



Inner Door



Shelf



Handle and Lock



Shelf and Test Hole



Caster with Stopper

Specifications

Model No.	HUF-408	HUF-588	HUF-728	HUF-838
Performance				
Temperature Range	-40 ~ -86℃			
Ambient Temperature	+10~32℃			
Controller	Microprocessor			
Display	Touch Screen			
Noise	50 dB	53 dB	53 dB	53 dB
Electrical Data				
Power Supply	220V/50Hz			
Rated Power	845 W	815 W	935 W	890W
Electrical Current	7 A	7 A	7 A	7 A
Power Consumption	11.6 kWh/24h	12 kWh/24h	15.4 kWh/24h	15 kWh/24h
Refrigeration System				
Compressor	SECOP * 2			
Refrigerant	R290, R170			
Cooling Type	Direct cooling			
Defrost Type	Manual			
Alarm				
High/Low Temperature	Y			
High Ambient	Y			
High/Low Voltage	Y			
Sensor Error	Y			
Condenser Error	Y			
Door Ajar	Y			
Low Battery	Y			
Filter Clean	Y			
Dimensions				
Capacity	408 L	588 L	728L	838L
Interior Size(W*D*H)mm	606×575×1180	606×738×1310	963×558×1350	894×718×1310
Exterior Size(W*D*H)mm	891×992×1945.5	891×1155×1994.5	1248×975×1994.5	1179×1135×1994.5
Package Size(W*D*H)mm	954×955×2094	970×1138×2185	1320×970×2185	1262×1098×2185
N.t./G.t.(approx.)	292/317 kgs	335/363.5 kgs	380/400 kgs	397/430 kgs
Accessories				
Caster with Stopper	4			
Inner Door(Foamed)	2			
Shelf(304 SS)	3			
Test Hole	25mm * 1			
USB Port	1			