



-86°C ULT Upright
Freezers

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-86°C ULT Upright Freezers LUF-D2 Series

The -86°C ultra low temperature upright freezer is designed using four casters for easy handling and vacuum release port for easy access to the sample after opening of the door and preventing unauthorized access from the lockable door. Its inner door with double silicon gasket seal prevents loss of cold air and three adjustable stainless steel shelves. These -86°C upright freezer are complied with international standards such as CE, ISO9001, ISO14001, ISO13485. These -86°C low temperature upright freezers comes in wide range from 100L to 858L capacity and CFC free Danfoss compressor, mixture of refrigerants.

Features

- Microprocessor-based temperature controller with digital temperature display allow user to maintain temperature between -10°C to -86°C with 1°C precision control
 - Made up of stainless steel body with 100-155mm thick foaming insulation
 - Two SC15CLX.2 compressors are used in parallel connection to reduce noise and improve the cooling temperature
 - Key board lock and password protected configuration page is installed with delayed start and safe stop interval between restart and being terminated
 - Equipped with audio and visual alarm for power failure and system failure
 - CFC free Danfoss compressor with German EBM fan electromotor
 - Refrigerant used is a mixture of R134a, R404a, R23, R410A, N2
 - With 72 hours battery backup for printer and controller display
 - Optional: chart recorder, CO2 back up, storage racks/boxes, remote alarm system
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Applications

It is suitable to be used for medical, clinical, food industries, preservation, blood banks, university laboratories, etc.

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Specifications

Model	LUF-D20	LUF-D21	LUF-D22	LUF-D23
Capacity	100L	218L	398L	528L
External Dimension (W×D×H)	720*793*1000 mm	940*840*1552 mm	785*1041*1947 mm	996*1230*2056 mm
Internal Dimension (W×D×H)	450*450*500 mm	582*470*768 mm	700*440*1266 mm	Up: 880*500*516+ 880*70*464 Down: 880*500*516+ 880*14*440
Power Supply	220V/50Hz			
Input Power	800W	1000W	1000W	1100W
Weight (Nt/Gt in Kg)	120/140	225/250	300/320	320/340

Model	LUF-D24	LUF-D25	LUF-D26
Capacity	678L	778L	858L
External Dimension (W×D×H)	994*1070*1947mm	1208*994*1947mm	1200*996*2000mm
Internal Dimension (W×D×H)	750*696*1266mm	865*696*1266mm	877*696*1378mm
Input Power	1200W	1200W	1300W
Weight (Nt/Gt in Kg)	340/360	350/370	440/460
Power Supply	220V/50Hz		



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