

 LABTRON



***-65°C ULT Upright***  
***Freezers***

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# -65°C Ultra Low Temperature Upright Freezers

## -65°C Ultra Low Temperature Upright Freezers LUF-C2 Series

These -65°C ultra low temperature freezers are designed with four casters for easy handling and vacuum release port to allow easy access to the sample after opening of the door and lockable door to prevent unauthorized access. Freezers are equipped with audio and visual alarm for power failure and system failure. The -65°C ultra low temperature upright freezers are complied with CE, ISO9001, ISO14001, ISO13485 standards and powerful system to keep the stored products frozen and preserved for a long duration. Ultra low temperature upright freezers comes with wide range of capacity from 100L to 828L.

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### Features

- Microprocessor-based temperature controller with digital temperature display allow user to maintain temperature between -10°C to -65°C with 1°C precision control
  - Key board lock and password protected configuration page is installed with delayed start and safe stop interval between restart and being terminated
  - For hazard free functioning filter blocking alarm, high or low temperature alarm, low battery alarm, door open alarm and system failure alarm.
  - Made up of stainless steel body with 100-155mm foaming insulation
  - CFC free Danfoss compressor with German EBM fan electromotor
  - Refrigerant used is a mixture of R134a, R404a, R23, R410A, N2
  - Two compressors are used compressors in parallel connection to reduce noise and improve the cooling temperature
  - Inner door with double silicon gasket seal prevents loss of cold air with three adjustable stainless steel shelves
  - 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

The -65°C ultra low temperature upright freezers are suitable to be used for medical, clinical, food industries, sanitation, blood banks, and research laboratories.

# -65°C Ultra Low Temperature Upright Freezers

## Specifications

Model	LUF-C20	LUF-C21	LUF-C22
Capacity	100L	218L	388L
External Dimension (W×D×H)mm	720×793×1000	940×840×1552	940×840×1899
Internal Dimension (W×D×H)mm	450×450×500	582×470×768	740×450×1200
Power Supply	220V/50Hz		
Input Power	800W	1000W	1800W
Weight (Nt/Gt in Kg)	120/140	225/250	330/360

Model	LUF-C23	LUF-C24	LUF-C25	LUF-C26
Capacity	538L	668L	768L	828L
External Dimension (W×D×H)mm	940×840×1899	996×1075×1897	996×1180×1897	996×1230×2056
Internal Dimension (W×D×H)mm	662×600×1330	815×667×1200	930×665×1200	930×710×1308
Power Supply	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz
Input Power	2000W	2700W	2700W	3200W
Weight (Nt/Gt in Kg)	360/380	400/420	420/450	430/460



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