

 LABTRON



**-105°C ULT Chest**  
***Freezers***

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# -105°C ULT Chest Freezers

## -105°C Ultra Low Temperature Chest Freezers LCF-E1 Series

The -105°C Ultra low chest freezers are designed using four casters for easy handling and the lockable door to prevent unauthorized access. The inner door of these -105°C Ultra low chest freezers have double silicon gasket seal to prevent loss of cold air. These ultra low temperature freezers gives high-performance and excellent quality, complied with CE, ISO9001, ISO14001, ISO13485 standards. Its equipped with powerful system for keeping the stored bulkier products frozen and preserved for a long duration. It comes in 138 L, 328L capacity & equipped with CFC-free Danfoss compressor and mixture of refrigerant. They are equipped with audio and visual alarm for power failure and system failure.

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### Features

- Microprocessor-based temperature controller with digital temperature display allow user to maintain temperature between -10°C to -105°C with 1°C precision control
  - Installation of key board lock and password protected configuration page with delayed start and safe stop interval between restart and being terminated
  - For hazel free functioning freezer is equipped with filter blocking alarm, high or low temperature alarm, low battery alarm, door open alarm and system failure alarm
  - Stainless steel body with 155mm thick heat insulation
  - With 72 hours battery backup for printer and controller display
  - CFC free Danfoss compressor with German EBM fan electromotor
  - Refrigerant used is a mixture of R134a, R404a, R23, R410A, N2
  - Optional: chart recorder, LN2 back up, CO2 back up, storage racks/boxes, remote alarm system
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### Applications

The -105°C Ultra low chest freezers are used in the medical, clinical and blood preservation & food industries. The freezers also have applications in research laboratories.

# -105°C ULT Chest Freezers

## Specifications

Model	LCF-E10	LCF-E11
Capacity	138 Liters	328 Liters
External Dimension (W*D*H)	890x1320x1009mm	890 x 2005 x1009mm
Internal Dimension (W*D*H)		470x1200x582mm
Power Supply	220V/50Hz	220V/50Hz
Input Power	1800W	1800W
Weight (Nt/Gt in Kg)	230/250	300/320



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