

**-105°C FREEZER**



# -105°C FREEZER

Designed with microprocessor-based temperature controller and used for dependability and sample protection on daily basis. High-quality proven components with energy-efficient refrigeration design and majorly used in hospitals, clinics, blood banks and research institutes for preservation of plasma, tissue cultures and microbial cultures.

Used in Microbial Cultures, Preservation Of Plasma, Tissues, Cell Lines, Clinical, Industrial, Research. Also known as Laboratory ULT freezer, ULT Freezer, Ultra-low Freezer.

## FD11 SERIES -10°C TO -105°C ULTRA LOW TEMPERATURE CHEST FREEZER

- Microprocessor-based temperature controller
- Stainless steel interior and painted steel board exterior
- Digital temperature display
- Danfoss compressor and EBM fan electromotor
- Door with key lock and rotatable door handle
- Two-times foaming technology with double seal design
- Keyboard lock and password protected configuration page
- Insulation thickness: 155 mm
- Temperature printer which record 7 days data
- 72 hours battery backup for printer and controller display
- Unique refrigeration circulation and unipolar compressor oil-lubricated technology
- Mixed Refrigerant: CFC Free R134a, R404a, R23, R410A, and N2
- 4 casters for easy handling
- Safety functions: Audible and visual alarm for high or low temperature, power failure, low battery, door open, filter blocking, system failure



### SPECIFICATIONS

Model	FD111	FD112
Capacity	138 L	328 L
Temperature Range	-10°C to -105°C	
Defrosting	Manual	
Internal Dimension	470x570x490 mm	470x1200x582 mm
Overall Dimension	890x1320x1009 mm	890x2005x1009 mm
Weight (Net/Gross)	215/250 kg	330/360 kg
Input Power	1000 W	1800 W
Power Supply	220 V, 50 Hz	