



- **Name of the Equipment:** Microcontroller based Vertical Deep Freezer
- **Control System:** Microcontroller-based temperature indicator cum controller with digital display and PT 100 sensor
- **Alarm:** Audio Visual Alarm if the temperature deviates from the preset temperature
- **Refrigeration System:** Hermetically Sealed CFC Free Emerson Compressor
- **Trays:** Specially designed solid stainless steel wire mesh trays ensure even temperature distribution
- **Insulation:** 3" Thick CFC free PUF Insulation
- **Other Features:**
  - Castor wheels
  - MCB
  - Heavy duty latch with lock & key
- **Power:** Works on 230 V AC single phase 50Hz
- **Hot Line:** Anti-moisture entry using hot line at the mouth of the cabinet
- **Certifications:** ISO 9001:2015, ISO 13485:2016, and CE
- **Safety Features:**
  1. 180 Sec. compressor 'ON' delay timer to safeguard the compressor
  2. Password protected keypad lock
- **Documentations:** will provide IQ, OQ, PQ documents with Material Test Certificates and Calibration reports

## SPECIFICATIONS

- **Temperature Range:** 0°C to -20°C

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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- **Accuracy:**  $\pm 1^{\circ}\text{C}$
- **Uniformity:**  $\pm 2^{\circ}\text{C}$
- **Construction:**
  - Inner: Stainless steel 304, 0.8 mm
  - Outer: Mild steel, 1.0 mm powder coated

Capacity (L)	No. of Trays	Internal Size (cm) (W×D×H)	External Size (cm) (W×D×H)
600	5	75 × 79 × 104	91 × 104 × 185

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