**Specification for Laboratory Refrigerator (2degC – 8degC)**

**Essential Specification:**

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| **Sl No.** | **Description** | **Technical details** |
| **1.** | **Temperature Range** | **2 deg C to 8 deg C** |
| **2.** | **Chamber**  **Volume Capacity** | **Option 1 – 300 litre**  **Option 2 - 500 litre** |
| **3.** | **Inner Cabinet make** | **Stainless Steel SS-304** |
| **4.** | **Outer Cabinet make** | **Powder coated sheet metal** |
| **5.** | **Refrigerant Used** | **R 134 a** |
| **6.** | **Ventilation Cooling system** | **No frost ventilation cooling system and fan assisted cooling system. Front-to-rear hot air anti-condensation** |
| **7.** | **Automatic defrost** | **Automatic defrost with self-evaporating drip tray** |
| **8.** | **Temperature Controller** | **Digital temperature controller** |
| **9.** | **Front door type** | **Double glazed safety glass doors with self closing hinges** |
| **10.** | **Light illumination** | **Full length light illumination** |
| **11.** | **Refrigeration technology** | **Low noise, energy saving and green technology** |
| **12.** | **Compressor type** | **Branded compressor and main parts** |
| **13.** | **Front door lock** | **Front door lock as standard** |
| **14.** | **Voltage stabilizer** | **Automatic built-in voltage stabilizer with time delay restart** |
| **15.** | **Internal shelves** | **Heavy duty adjustable shelves** |
| **16.** | **Castor wheels** | **Fitted with front two castor wheels with brakes for easy maneuverability and shifting.** |
| **17.** | **Optional stainless steel trays/ plastic coated rod trays** | **Quote for optional stainless steel trays and epoxy plastic coated steel rods trays for storage of materials** |
| **18.** | **Warranty period** | **Minimum TWO years warranty period** |
| **19.** | **Operator and Service manual** | **Operator and service manual essential requirement** |
| **20.** | **Quality Certification** | **Only international quality CE certified product** |