



## GVR 50DC – Solar Direct Drive Ice lined Refrigerator



### **Key features of Godrej refrigerator:**

- ✓ Hold over time of 5 days – The time during which all points in the cabinet remain between +2 °C to +8 °C for 5 days after the power supply has been cut.
- ✓ There is no risk of freezing of vaccines – SureChill technology
- ✓ Can operate in rough ambient temperature: +5 °C to +43 °C
- ✓ Green : Environmental friendly refrigerator
- ✓ Full Volume is available for vaccine storage due to uniform temperature throughout and no

### **Product specification**

#### 1.1. General

Solar Direct Drive Ice-lined refrigerator (DC current): compression-cycle

#### 1.2. Physical characteristics

1.2.1. Overall dimensions: 122cm H x 75cm L x 79.5cm W

1.2.2. Weight: 95 kg (Approx.)

1.2.3. Gross volume: 57.7 L

1.2.4. Vaccine storage capacity volume: 46.5 L

1.2.5. Refrigerant : R600A – CFC free gas: **negligible ozone depleting potential and very low global warming potential**

1.3. Performance

1.3.1. Operating temperature range: +5°C to +43°C

1.3.2. Power Requirement: 24 VDC, 500W Solar Power

1.3.3. **Areas not suitable for vaccine storage: None. No risk of freezing**

1.3.4. Holdover time: **5+days**

1.3.5. Temperature control:

- Refrigerator Compartment:- entire vaccine load remains within acceptable temperature range +2°C to +8C
- Thermostat: the patented **self-regulating SureChill technology** ensures that fridge operating temperatures will always tend to 4°C. The thermostat is set to prevent freezing in any part of the vaccine storage compartment and is effective throughout the ambient temperature range +5°C to +43°C.

1.3.6. Corrosion resistance: Outer cabinet is made of Galvanised mild steel

1.4. Parts and accessories:

1.4.1. Lock: refrigerator door is fitted with two latch locks compatible for use in conjunction with a padlock

1.4.2. Display Thermometer: externally readable digital display thermometer , mounted on door

1.4.3. Surge Protector to bypass electricity surges.

1.4.4. Plug & Play Solar Connectors with Wind Resistant Solar Mounting Kit which can withstand 200KN Wind Force.

1.4.5. Base stand: A Galvanised mild steel stand is also provided, can withstand 400 kg load