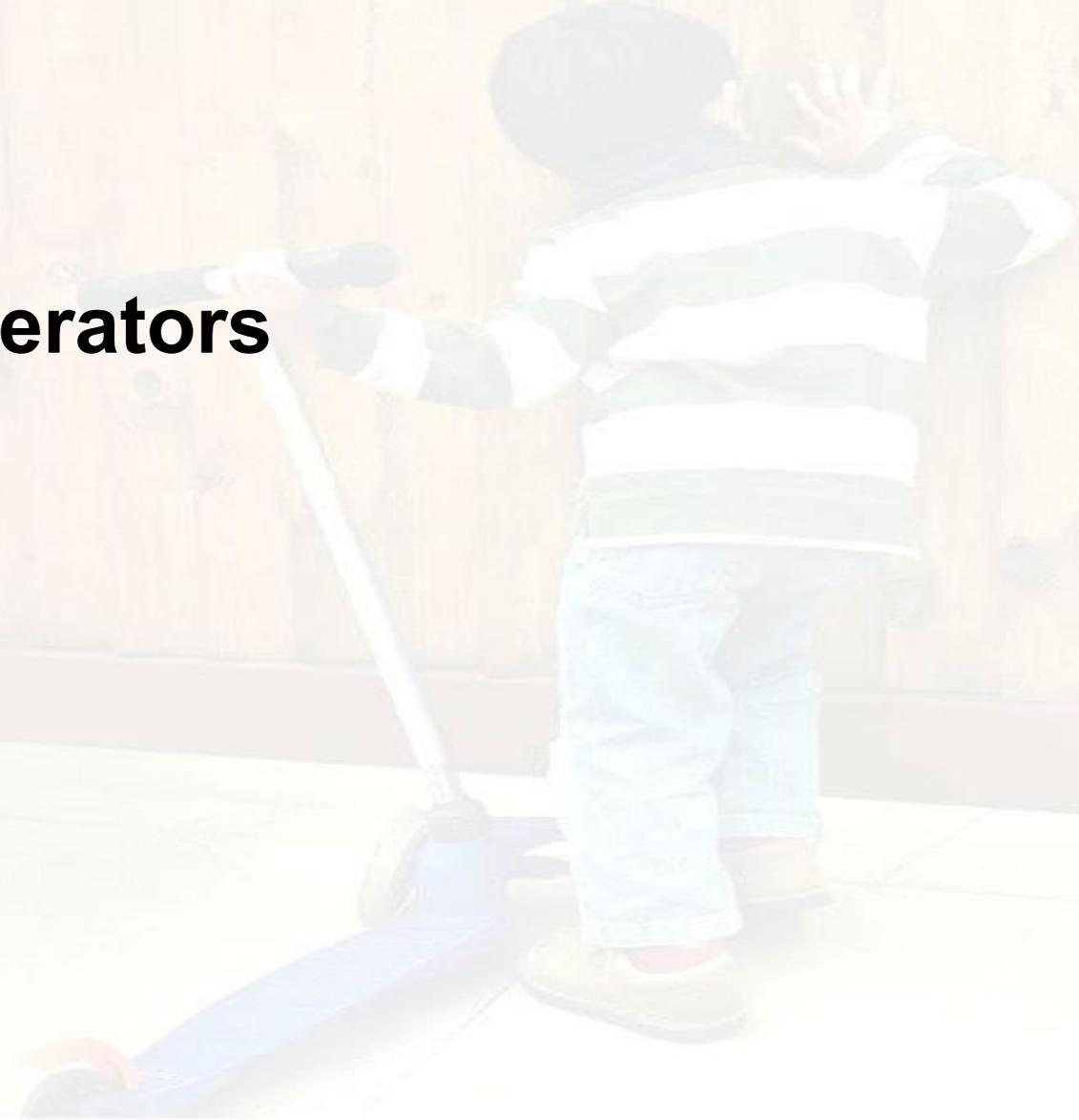


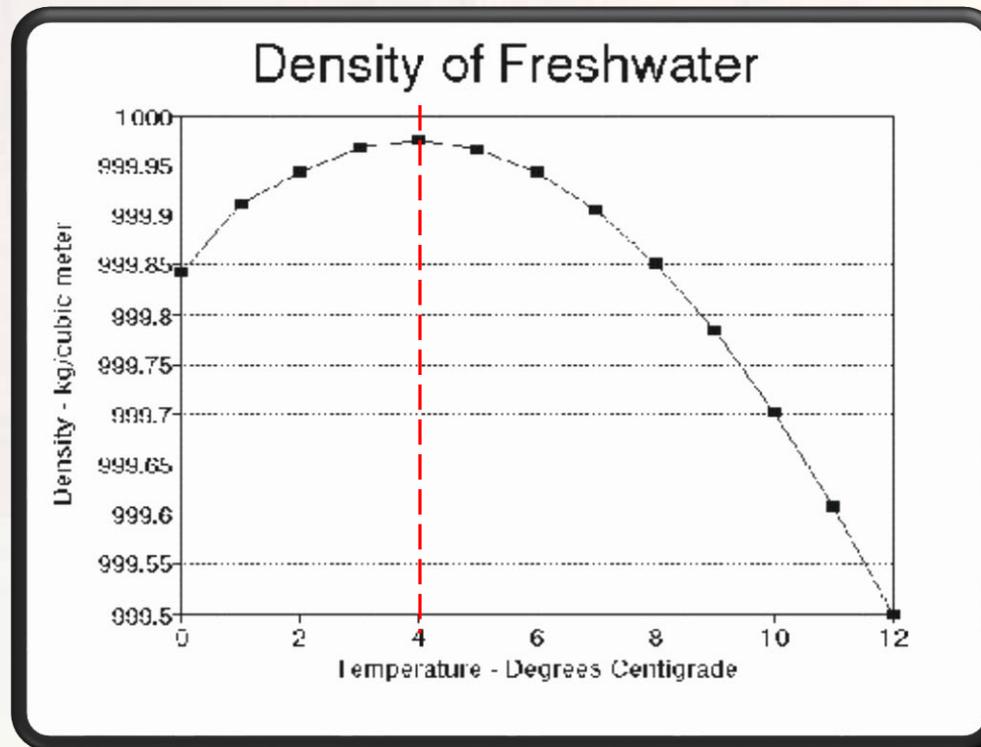
Godrej- Surechill Medical Refrigerators

Meeting Precise cooling needs for the Health care industry



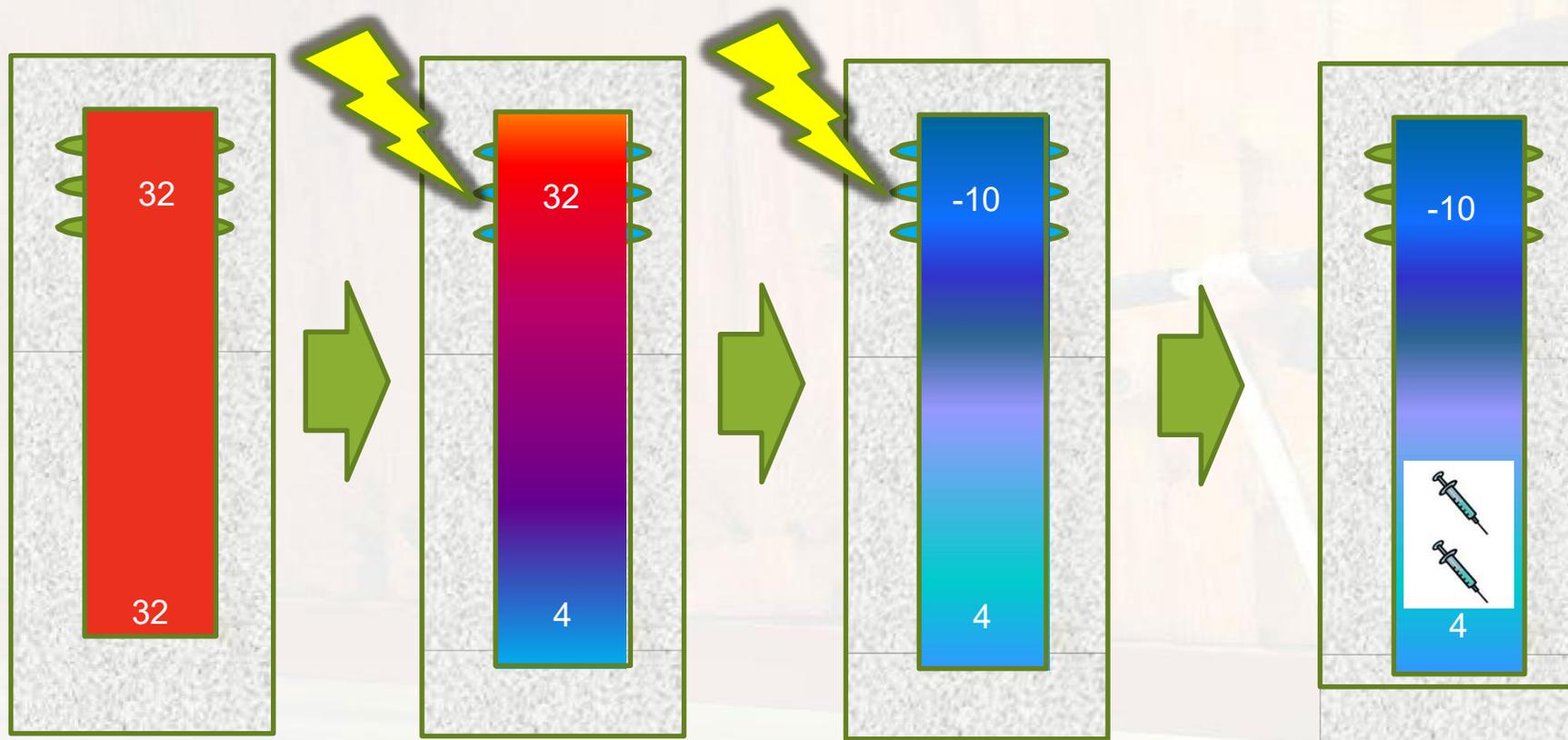
The Technology	What does it Provide	Application Areas
<p>2-8°C Specialized Cooling Solution</p>	<p>Precise cooling between 2- 8 degree centigrade</p> <p>Eliminates risk of freezing</p> <p>Low stratification across storage chamber</p> <p>Prolonged holdover in the event of power outages / Breakdown</p> <p>Facilitates fast recoup of chamber temperature during frequent access / door openings</p> <p>Low power consumption</p> <p>Passive cooling –Low maintenance</p>	<p>Immunization – Vaccine storage</p> <p>Blood Banks</p> <p>Lab & Pharmaceutical Refrigerator</p> <p>Pharma Distribution</p> <p>Clinical Trial refrigerator</p>

Leverages the Unique Properties of Water



4C = 39F

The Technology – Working Principle



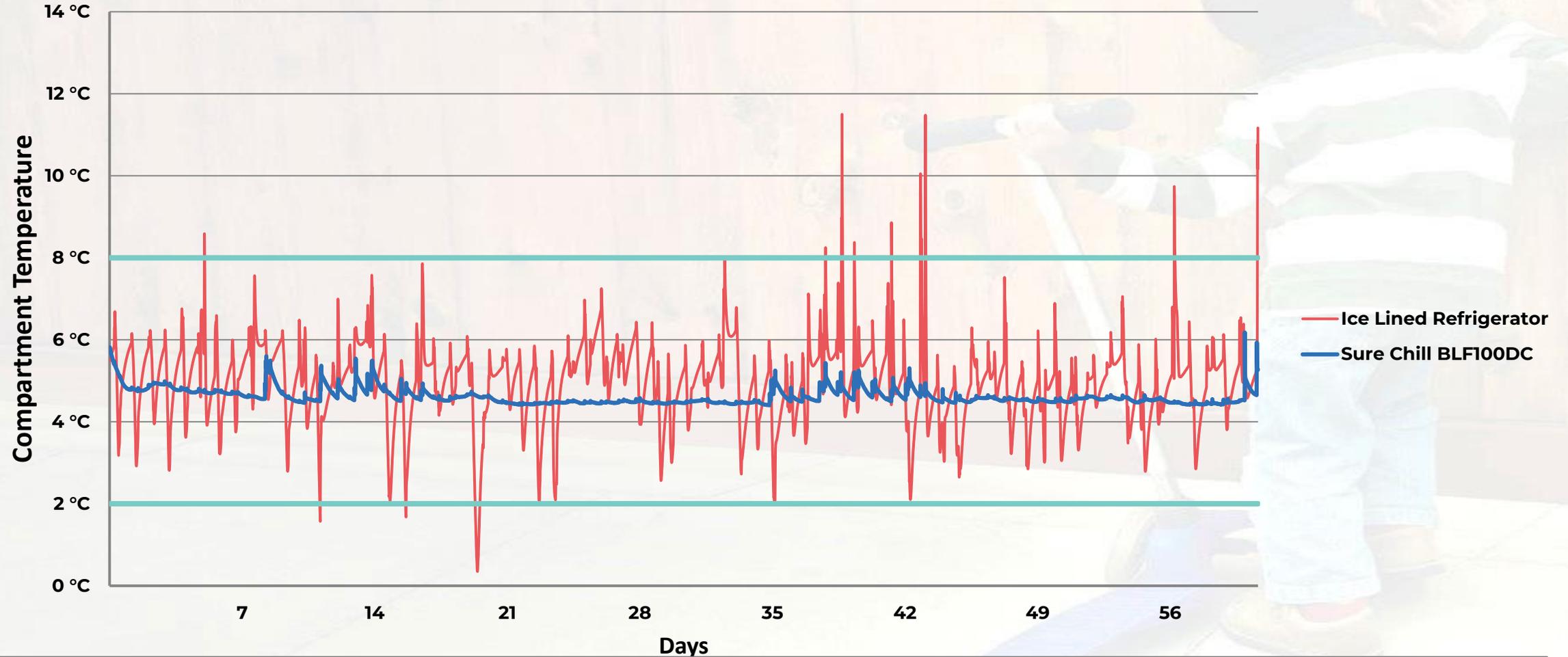
Water @
Ambient temp

Cooling induced.
Water @ 4 deg
denser, settles
down

Upon further
cooling . Water
reaches phase
transition temp,
floats

At a certain level of ice
bank, cooling cut off.
Lower portions @ 4 deg.
Chamber for storage
provided at that level

Key Feature- Unrivalled temperature stability



High temperature variations seen in ILRs. Temperature relatively constant in the GMR

Why Sure Chill Technology?



Guarantees to never freeze life saving supplies



Exceptionally long holdover up to 13 days



Innovative use of water to store energy - no battery



Environmentally friendly refrigerant



Requires only 2.5 hours of electricity



WHO PQS pre-qualified



< 1°C temperature variation



Ideal for solar energy

Medical Storage Refrigerators



Godrej

Blood Refrigerators



Immunization- Solar Direct Drive Product Portfolio

Govt. Hospitals, CHCs/PHCs with No accessibility to Power



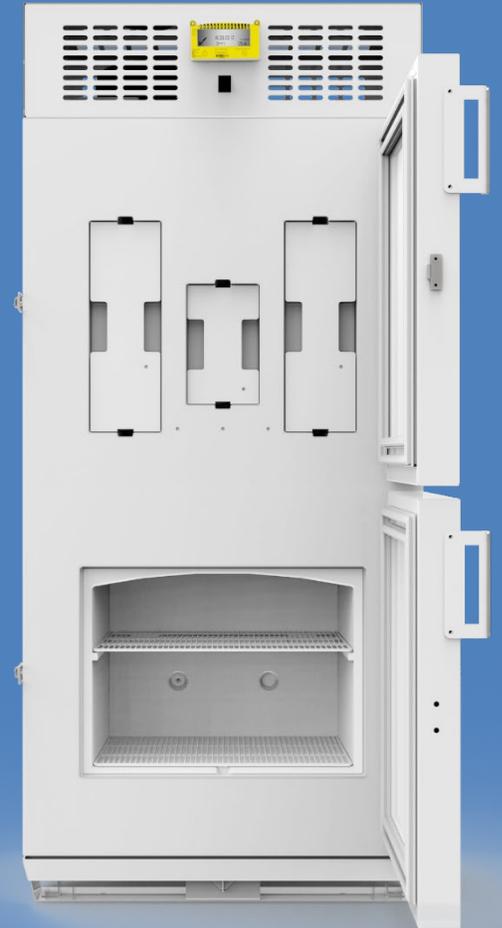
GVR 25 Lite DC



GVR 50 DC



GVR 100 DC



GVR 55 FF DC

Godrej – Sure chill Blood Bank Solution: Solar Direct Drive



designed by **curiosity**



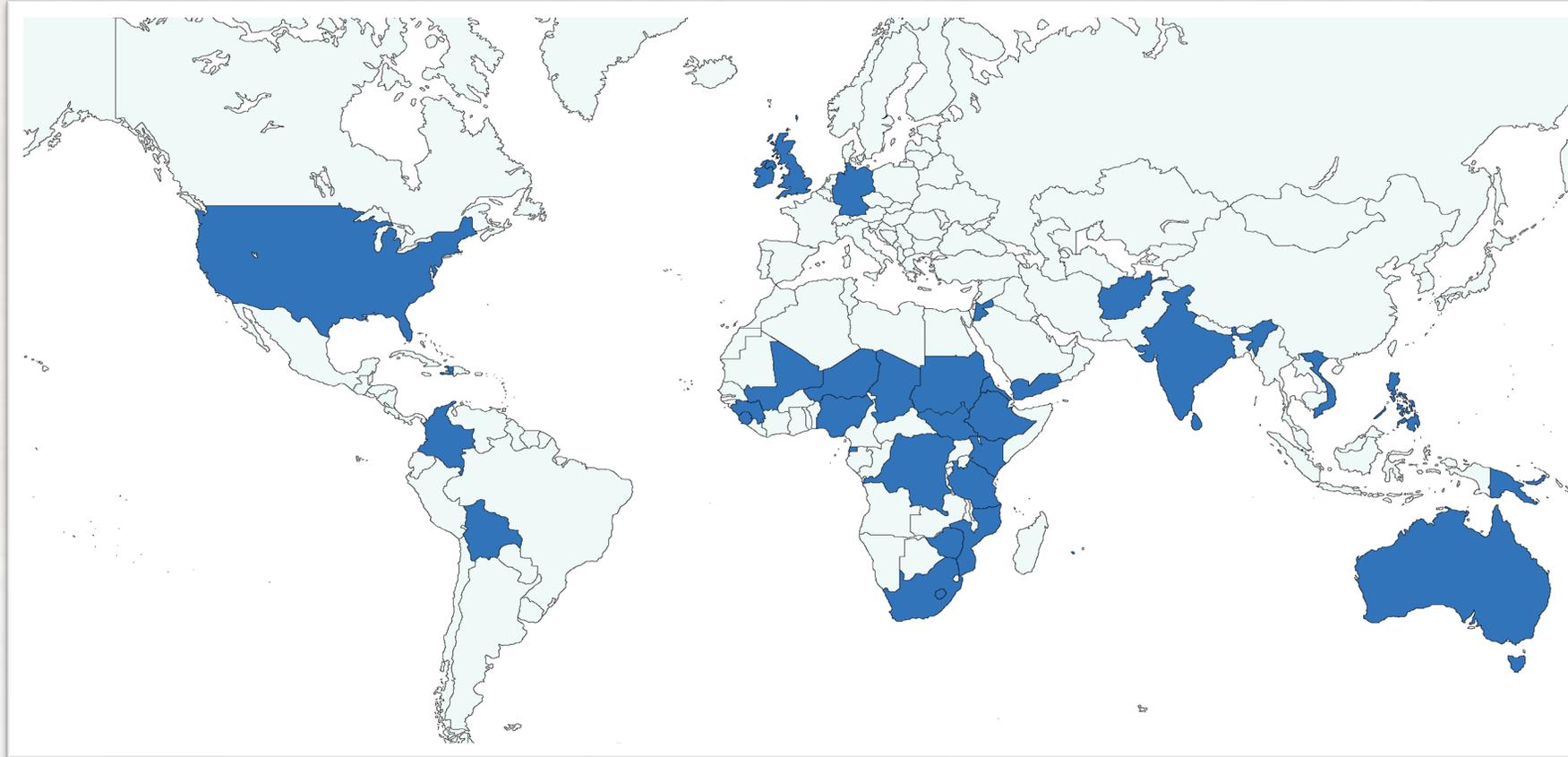
GBR 50 DC



GBR 100 DC

Why Godrej Medical Refrigerators?

The only "Made in India" PQS qualified product installed in more than 36 countries



Godrej Medical Refrigerators have been installed across the lengths and the breadths of the Globe,
In extremely difficult the terrains!

Why Godrej Medical Refrigerators?

State of art manufacturing set up at Pune, Maharashtra. India's 1st Platinum rated Zero waste discharge plant



Assembly Area



Testing Labs

Success Stories....

Successful installations in UP, Rajasthan, Uttarakhand, Bengal, Telangana, Andhra, Maharashtra, Orissa to name a few....

Brahmaputra Boat Clinic In Assam Goes Solar, Powering Up Rural Healthcare

Thomson Reuters Foundation
October 30, 2017



Jalore, Chinu - Rajasthan



Tehri Uttrakhand



Comprehensive Log book for ILR

Month & Year: July / 2017

Temperature/Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Below (-) 5° C write the value	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
0 and below																															
(+) 1																															
(+) 2																															
(+) 3																															
(+) 4																															
(+) 5																															
(+) 6																															
(+) 7																															
(+) 8																															
(+) 9																															
(+) 10 and above																															
Power failure (in Hrs)	2	2	3	3	2	3	2	3	2	3	3	4	4	7	3	2	2	2	3	3	2	2	3	3	2	2	2	2	2		
Defrosting & Cleaning Done (N)																															
Defect reported for repair (N)																															
CCT reported for repair (N)																															
Type of defect noticed (1 or 2)*																															
Equipment repaired (N)																															
Signature (Signature)																															
Verified by MOIC (Signature)																															
PPM Visit by CCT (Signature)																															
Supervisory visit (Signature)																															

(* 1 = Major, 2 = Minor)

Operating Temp band around 4.5 Deg Day/Night, all seasons

Success Stories....

Improving Immunization Outside India



DR Congo

Nepal



Dubai



Mali, West Africa



Find out more at:

Sales support: medicalref@godrej.com

Service Support: smartcare@www.godrej.com

Website: <http://www.godrejappliances.com/medical/>