

**E003:****Refrigerators and freezers**

PQS code:	E003/049
Type of appliance:	Solar direct drive refrigerator
Manufacturer's reference:	GVR 50DC SDD
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India
Telephone:	+91 22 67966201
Email:	medicalref@godrej.com ; hello@surechill.com
Web address:	http://www.godrejappliances/medical

Specifications

Climate zone:	Hot	Min rated ambient temp:	+10°C
Refrigerant:	R600a	Energy source:	Solar direct drive
Appliance tested at:	+43°C	Ext dimensions (HxLxD)	121.5 X 79.5 X 75
Performance at:	+43°C	Fuel and cycle type:	Electric - compression
SOLAR DIRECT DRIVE REFRIGERATOR		AND / OR FREEZER	
		Freeze protection: Grade A	
Vaccine storage capacity: (Liters)	46.5	Gross volume (Liters):	N/A
Gross volume (Liters):	59.6	Waterpack freezing capacity:	N/A
		Waterpack storage capacity:	N/A
Autonomy as per WHO/PQS protocols	134.8	At a solar radiation reference period of:	3.5 kWh/m ² /day

Warning !

For solar direct drive units, the correct sizing of the solar panel array for a specific site is complex and critical. It must be agreed with both the appliance manufacturer and with the Qualified Supplier of the solar energy system at the time of ordering.

Comments:	(i) Sure Chill is a patented technology licensed by The Sure Chill Company (UK) (ii) Has a built in intelligent temperature control, early warning and energy management system (iii) Unit requires addition of clean drinking water during installation, contact manufacturer for information (iv) Price includes solar array (2 x 250 Wp, 24V solar panels) and 'plug & play' system/structure		
Accessories:	Included in price: 2 wire shelves; 1 Padlock; 1 Funnel, plywood packaging, Surge Protector, 30 days temperature monitoring system. Optional (charged extra): Extra wire shelves", RTMD (E006/036), Energy harvesting system.		
Spare parts (ref, price):	1 No. Compressor - Part No. RCM 977 492 31 is changed to 40151606SD00035 1 No. Controller- Part No. will be 41103015PA00037 1 No. Fan System (Fan+Impeller) - Part No. RFN 977 492 32 is changed to 26101200DG00143 1 No. Condenser - Part No. RFN 977 792 72 is changed to 40101704DG00050 1 No. Electronic control card / thermostat - Part No. RCC 977 492 37 is changed to 32101502SD00419 1 No. Capacitor - Part No. RFN 977 492 40 is changed to 32121501SD00105 1 No. 24V Surge protector - Part No. RFN 977 502 92 is changed to 39121634SD00054		
Shipping volume:	0.9m ³ ref + 0.4m ³ ss	Shipping weight:	125kg ref + 95kg (Solar System)
Price year	2016	Incoterms	EXW
Price	3450 USD per unit, including solar system	3400 USD per unit: 10 to 99 units with solar system	3325 USD per unit: 100 and more with solar system
Quality standard:	- ISO 9001:2008 -	Specification ref.	
Verification report:	CE-JOB-DEL-14-000503-GVR50DC	Verification laboratory:	
Current PQS status:	<i>pre-qualified: 06 May 2015</i>	Validity until: May, 2024	

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.