



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.

	(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		
Comments:			
Accessories:	Included in price: 2 wire shelves, 1 Padlock, 1 Funnel (for installation) Optional (charged extra): (a) Extra wire shelves (b) GAVI compliant Temperature monitoring device with USB downloader (USD 70)		
Spare parts (ref, price):	Included in the UNICEF Supply Division spare parts kit: 1 No. Compressor + Controller - Part No. RCM 977 492 31 1 No. Fan System (Fan+Impeller) - Part No. RFN 977 492 32 1 No. Condenser - Part No. RFN 977 792 72 1 No. Electronic control card / thermostat - Part No. RCC 977 492 37 1 No. Capacitor - Part No. RFN 977 492 40 1 No. 24V Surge protector - Part No. RFN 977 502 92 Other parts are available as spares on request.		
Shipping volume:	0.9m3 ref + 0.4m3 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 sytem	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: <i>May, 2022</i>	

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.