



E003:

Refrigerators and freezers

PQS code:	E003/050
Type of appliance:	Solar direct drive refrigerator
Manufacturer's reference:	GVR 100 DC (SureChill®)
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:	
Appliance tested at:	+43°C	Ext dimensions (HxLxD)	182 x 79.5 x 75 cm
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)	99	Gross volume (Liters):	N/A
Gross volume (Liters):	121	Waterpack freezing capacity:	N/A
		Waterpack storage capacity:	N/A
Autonomy as per WHO/PQS protocols	175.95	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: 6 wire shelves
 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 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:	1.3m3 ref + 0.4m3 ss	Shipping weight:	160kg ref + 115kg ss
Price year	2016	Incoterms	EXW
Price	4815 USD with including solar system	4710 USD for 10 to 99 units with solar system	4615 USD for 100 units or more with solar system
Quality standard:	- ISO 9001:2008 -	Specification ref.	
Verification report:	CE-JOB-DEL-14-000503-GVR 100 DC	Verification laboratory:	Intertek India

Current PQS status:

pre-qualified: 07 May 2015

Validity until: *May, 2022*

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.