

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

<b>PQS code:</b>	<b>E003/095</b>
<b>Type of appliance:</b>	Solar direct drive combined refrigerator/freezer
<b>Manufacturer's reference:</b>	GVR 55 FF DC
<b>Manufactured in:</b>	India
<b>Company:</b>	Godrej & Boyce MFG. Co. Ltd.
<b>Address:</b>	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India
<b>Telephone:</b>	+91 22 67966201
<b>Email:</b>	<a href="mailto:medicalref@godrej.com">medicalref@godrej.com</a> ; <a href="mailto:hello@surechill.com">hello@surechill.com</a>
<b>Web address:</b>	<a href="http://www.godrejappliances/medical">http://www.godrejappliances/medical</a>

**Specifications**

<b>Climate zone:</b>	Hot	<b>Min rated ambient temp:</b>	+10°C
<b>Refrigerant:</b>	#R290	<b>Energy source:</b>	Solar direct drive
<b>Appliance tested at:</b>	+43°C	<b>Ext dimensions (HxLxD)</b>	183 cm(H) x 79.5cm(W) x 75cm (D)
<b>Performance at:</b>	<b>+43°C</b>	<b>Fuel and cycle type:</b>	Electric - compression
<b>SOLAR DIRECT DRIVE REFRIGERATOR</b>		<b>AND / OR FREEZER</b>	
		<b>Freeze protection: Grade A</b>	
<b>Vaccine storage capacity: (Liters)</b>	58L	<b>Gross volume (Liters):</b>	44L
<b>Gross volume (Liters):</b>	90L	<b>Waterpack freezing capacity:</b>	2.4L/day
		<b>Waterpack storage capacity:</b>	14.4 L
<b>Autonomy as per WHO/PQS protocols</b>	283hr 30min	<b>At a solar radiation reference period of:</b>	3.5 kWh/m <sup>2</sup> /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.

<b>Comments:</b>	(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 (1000 W, 24V solar panels) and 'plug & play' system/structure"		
<b>Accessories:</b>	"Included in price: 2 wire shelves, 1 Padlock, 1 Funnel (for installation) Optional (charged extra): Extra wire shelves"		
<b>Spare parts (ref, price):</b>	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. RCN 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. Surge Protector -Part No. RFN 977 502 92  Other parts are available as spares on request.		
<b>Shipping volume:</b>	1.73 m <sup>3</sup>	<b>Shipping weight:</b>	380 kg
<b>Price year</b>	2018	<b>Incoterms</b>	EXW
<b>Price</b>	1-99 units - 5995 USD	100-199 units: 5875 USD	200 or more units: 5758 USD
<b>Quality standard:</b>	- ISO 9001:2008 - ISO 13485	<b>Specification ref.</b>	
<b>Verification report:</b>	CE-JOB-DEL-16-0000501-41	<b>Verification laboratory:</b>	Intertek India

**Current PQS status:** *pre-qualified:* **Validity until:** May, 2022

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.