



E003:

Refrigerators and freezers

PQS code:	E003/052
Type of appliance:	Solar direct drive refrigerator
Manufacturer's reference:	ZLF 150 DC (SureChill ®)
Manufactured in:	South Africa
Company:	Zero Appliances (Pty) Ltd
Address:	P.O. Box 426 Edenvale 1610 Gauteng Province South Africa
Telephone:	(010) 207 1600
Email:	rudi@zeroappliances.co.za ; brigitte@zeroappliances.co.za
Web address:	www.zeroappliances.co.za

Specifications

Climate zone:	Hot	Min rated ambient temp:	+5°C
Refrigerant:	R134a	Energy source:	Solar direct drive
Appliance tested at:	+43°C	Ext dimensions (HxLxD)	189 x 83 x 71
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)	128	Gross volume (Liters):	N/A
Gross volume (Liters):	161	Waterpack freezing capacity:	N/A
		Waterpack storage capacity:	N/A
Autonomy as per WHO/PQS protocols	131 h 38 mins	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:	Unit uses Sure Chill ® technology. Entire system is plug and play with MC4 (MIC) connectors, on board isolator and surge protector. The array frame is roof adjustable. Price does not include solar system: 1,350 USD;		
Accessories:	Additional shelves; Liquid to mix with water; Optional: extra shelves, drawers, waterpacks, plywood packaging, 2 padlocks		
Spare parts (ref, price):	Included in the UNICEF Supply Division spare parts kit: 1 No. Compressor - Part No. IMPC151 1 No. Compressor controller - Part No. IMP152 1 No. Fan Set - Part No. IMP144 1 No. Condenser - Part No. IMP145 1 No. Thermostat - Part No. IMP012 1 No. 24 V Surge Protector - Part No. ELSP15 1 No. Capacitor - Part No. ZLFDC Other parts are available as spares on request.		
Shipping volume:	1.22 m3	Shipping weight:	120 kg
Price year	2016	Incoterms	EXW
Price	1-49 units: 4,355 USD	50-99 units: 4,246 USD	100 or more units: 4,137 USD
Quality standard:	- ISO 9001:2008 -	Specification ref.	
Verification report:	101861736MKS-001	Verification laboratory:	
Current PQS status:	<i>pre-qualified: 05 Jun 2015</i>	Validity until: <i>May, 2022</i>	

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.