



E003:

Refrigerators and freezers

PQS code:	E003/055
Type of appliance:	Solar direct drive refrigerator
Manufacturer's reference:	ZLF 30DC SDD (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:	R600a	Energy source:	Solar direct drive
Appliance tested at:	+43°C	Ext dimensions (HxLxD)	102.5 x 56 x 60 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)	27 L	Gross volume (Liters):	n/a
Gross volume (Liters):	30 L	Waterpack freezing capacity:	n/a
		Waterpack storage capacity:	n/a
Autonomy as per WHO/PQS protocols	77h 03 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.

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: 900 USD

Comments:

Accessories:

Additional, Shelves, Liquid to dilute with water,
Optional: extra shelves, drawers,waterpacks, plywood packaging, 1 padlock

Spare parts (ref, price):

Included in the UNICEF Supply Division spare parts kit:
1 No. Compressor - Part No. IMPC07
1 No. Compressor controller - Part No. IMP152
1 No. Fan Set - Part No. IMP144
1 No. Condenser - Part No. IMP145
1 No. Electronic card- 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:	0.372 m3	Shipping weight:	65 KG
Price year	2016	Incoterms	EXW
Price	1-49 units: 2,064 USD	50-99 units: 2,013 USD	100 or more units: 1,961 USD
Quality standard:	- ISO 9001:2008 -	Specification ref.	
Verification report:	300-KLAB-15-132	Verification laboratory:	Danish Technological Institute

Current PQS status:

pre-qualified: 09 Sep 2015

Validity until: *May, 2022*

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.