



E003:

Refrigerators and freezers

PQS code:	E003/106
Type of appliance:	Solar direct drive refrigerator
Manufacturer's reference:	VLS 054A SDD Green line
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark

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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)	85 x 72 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)	55.5L	Gross volume (Liters):	NA
Gross volume (Liters):	108l	Waterpack freezing capacity:	NA
		Waterpack storage capacity:	NA
Autonomy as per WHO/PQS protocols	72.4 hours	At a solar radiation reference period of:	3.5 kWh/m2/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.

<p>Prices include Vestfrost Solutions SDD PV energy kit comprising of PV panels, roof adjustable bracket system, plug & play installation.</p> <p>Unit equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p>			
Comments:			
Accessories:		Vaccine storage top basket; Bottom grating; 30 day electronic temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate	
Spare parts (ref, price):		Included in the UNICEF Supply Division spare parts kit: 1 No. Compressor (BD35K 101Z0211) -1 10-45 V - Part No. 8-036510223 1 No. Electronic Thermostat/controller (Dixell) - Part No. 702090013 1 No. Fan Set (SUNON KD1208PTB3) 12 V DC - Part No. 7090099 1 No. Thermometer - Part No. 7020287-03 1 No. Electronic control unit - Part No. 6520845 (Incl. in the compressor) Other parts are available as spares on request.	
Shipping volume:		Shipping weight:	0.65m385kg
Price year		Incoterms	FCA
Price			
Quality standard:		Specification ref.	
- ISO 9001:2008 - ISO 14001 - DS/OHSAS 18001:2008 -			
Verification report:		Verification laboratory:	
100918190MKS-001 issue 2			
Current PQS status:		Validity until:	
pre-qualified: 02 Oct 2019		May, 2022	
Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.			