



E003:

Refrigerators and freezers

PQS code:	E003/132
Type of appliance:	Combined icelined refrigerator/waterpacks freezer
Manufacturer's reference:	VLS 096A RF SDD
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone:	+45 7914 2555; +45 7914 2248
Email:	clc@vestfrostsolutions.com
Web address:	http://vestfrostsolutions.com/

Specifications

Climate zone:	Hot	Min rated ambient temp:	+5°C
Refrigerant:	R600a	Energy source:	Solar direct drive
Appliance tested at:		Ext dimensions (HxLxD)	870x1510x740
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)	110L	Gross volume (Liters):	50 L
Gross volume (Liters):	147L	Waterpack freezing capacity:	2.4 kg per/24h = 4 x 0.6 L Waterpacks per/24h
		Waterpack storage capacity:	28 x 0.6L
Autonomy as per WHO/PQS protocols	114.33 hrs	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.

Comments:		"Prices include Vestfrost Solutions SDD PV energy system, roof adjustable, plug & play; Unit equipped with unique QR code, that can be used along Vestfrost Solutions Unit tracker APP, containing various installation/service features. 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. "	
Accessories:		2 X 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	
Spare parts (ref, price):		"Compressor 10-45V Complete - Incl. ECU Thermostat refrigerator Complete - Incl. Sensor Thermostat freezer Fan Gasket for vaccine compartment lid PV Thermometer"	
Shipping volume:	1.31 M3	Shipping weight:	190 kg
Price year	2023	Incoterms	EXW
Price	6.485 EUR		
Quality standard:	- ISO 9001:2008 -	Specification ref.	
Verification report:	300-KLAB-22-106	Verification laboratory:	Danish Technological Institute
Current PQS status:	<i>pre-qualified: 16 Mar 2023</i>		Validity until: <i>December 2025</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.