

E003: Refrigerators and freezers

PQS code: E003/132

Combined icelined refrigerator/waterpacks freezer Type of appliance:

Manufacturer's reference: VLS 096A RF SDD

Manufactured in: Denmark

Vestfrost Solutions Company: Address: A/S Vestfrost

Falkevej 12 DK-6705 Esbjerg Ø

Denmark

Telephone: +45 7914 2555; +45 7914 2248

Email: clc@vestfrostsolutions.com;

bjn@vestfrostsolutions.com

Web address: http://vestfrostsolutions.com/

Specifications

+5°C Hot Climate zone: Min rated ambient temp:

R600a Refrigerant: Solar direct drive **Energy source:**

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: 110L Gross volume (Liters): 50 L

(Liters)

Gross volume (Liters): 147L

 $2.4 \text{ kg per}/24h = 4 \times 0.6 \text{ L}$ Waterpack freezing capacity:

Waterpacks per/24h

Waterpack storage capacity:

28 x 0.6L

Autonomy as per

WHO/PQS protocols

Warning!

114.33 hrs

At a solar radiation reference 3.5 kWh/m2/day

period of:

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.

Current PQS status:	pre-qualified: 16 Mar 2023	Validity until: May 2025	
Verification report:	300-KLAB-22-106	Verification laboratory:	Danish Technological Institute
Quality standard:	- ISO 9001:2008 -	Specification ref.	
Price			
Price year	2023	Incoterms	EXW
Shipping volume:	1.31 M3	Shipping weight:	190 kg
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"		
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		
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."		

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.