



## E003:

## Refrigerators and freezers

<b>PQS code:</b>	<b>E003/132</b>
<b>Type of appliance:</b>	
<b>Manufacturer's reference:</b>	VLS 096A RF SDD
<b>Manufactured in:</b>	Denmark
<b>Company:</b>	Vestfrost Solutions
<b>Address:</b>	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark

**Telephone:** +45 7914 2555; +45 7914 2248

**Email:** [clc@vestfrostsolutions.com](mailto:clc@vestfrostsolutions.com);  
[bjn@vestfrostsolutions.com](mailto:bjn@vestfrostsolutions.com)

**Web address:** <http://vestfrostsolutions.com/>

## Specifications

<b>Climate zone:</b>	Hot	<b>Min rated ambient temp:</b>	+5°C
<b>Refrigerant:</b>	R600a	<b>Energy source:</b>	Solar direct drive
<b>Appliance tested at:</b>		<b>Ext dimensions (HxLxD)</b>	870x1510x740
<b>Performance at:</b>	<b>+43°C</b>	<b>Fuel and cycle type:</b>	Electric - compression
<b>SOLAR DIRECT DRIVE REFRIGERATOR AND / OR FREEZER</b>			<b>Freeze protection: Grade A</b>
<b>Vaccine storage capacity: (Liters)</b>	110L	<b>Gross volume (Liters):</b>	50 L
<b>Gross volume (Liters):</b>	147L	<b>Waterpack freezing capacity:</b>	2.4 kg per/24h = 4 x 0.6 L Waterpacks per/24h
		<b>Waterpack storage capacity:</b>	28 x 0.6L
<b>Autonomy as per WHO/PQS protocols</b>	114.33 hrs	<b>At a solar radiation reference period of:</b>	3.5 kWh/m <sup>2</sup> /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.*

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"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. "

**Comments:**

**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"

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<b>Shipping volume:</b>	1.31 M3	<b>Shipping weight:</b>	190 kg
<b>Price year</b>	2023	<b>Incoterms</b>	EXW
<b>Price</b>	6.485 EUR		
<b>Quality standard:</b>	- ISO 9001:2008 -	<b>Specification ref.</b>	
<b>Verification report:</b>	300-KLAB-22-106	<b>Verification laboratory:</b>	Danish Technological Institute
<b>Current PQS status:</b>	<i>pre-qualified: 16 Mar 2023</i>	<b>Validity until:</b>	<i>May, 2024</i>

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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.