



## E003: Refrigerators and freezers



<b>Product name:</b>	VLS 096A RF SDD
<b>IMD-PQS Code:</b>	E003-132e
<b>Status:</b>	Prequalified
<b>Date of acceptance:</b>	16 Mar 2023
<b>Appliance type:</b>	E003
<b>Product description:</b>	Solar direct drive refrigerator
<b>Manufacturer:</b>	Vestfrost Solutions
<b>Manufacturers Reference:</b>	VLS 096A RF SDD
<b>Country of Manufacture:</b>	Denmark
<b>Address:</b>	A/S Vestfrost Falkevej 12 Esbjerg Ø Syddanmark Denmark
<b>Telephone:</b>	+45 7914 2527
<b>Email:</b>	<a href="mailto:clc@vestfrostsolutions.com">clc@vestfrostsolutions.com</a>
<b>Website address:</b>	<a href="http://vestfrostsolutions.com/">http://vestfrostsolutions.com/</a>
<b>Valid until:</b>	31 May 2026

### Specifications

#### PRODUCT SPECIFICATIONS - MAIN

<b>Climate zone</b>	Hot	<b>Minimum rated ambient temperature (°C)</b>	5.00
<b>Freeze protection</b>	Grade A	<b>Hold over time (hours:mn)</b>	114,33
<b>External dimensions length (mm)</b>	740.00	<b>External dimensions width (mm)</b>	1510.00
<b>External dimensions height (mm)</b>	870.00	<b>Performance at" (°C)</b>	43.00
<b>Fuel and refrigeration cycle</b>	Electric - compression	<b>Energy source</b>	Solar direct drive
<b>Lining</b>	Ice-lined	<b>Energy Consumption During Freezing (kWh/24h)</b>	1.4890
<b>Energy Consumption Intermittent Power (kWh/24h)</b>	1.3520	<b>Energy Consumption Cool Down (kWh/24h)</b>	1.3520
<b>Energy Consumption Continuous Power (kWh/24h)</b>	1.4100		

#### PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

<b>Refrigerator vaccine storage capacity(L)</b>	110.000	<b>Refrigerator's gross volume (Litres)</b>	147.000
<b>Autonomy (hrs:mn)</b>	114.33	<b>Refrigerant type</b>	R600a
<b>Solar radiation ref period (kWh/m2/day)</b>	3.50		

#### PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

<b>Freezer's gross volume (Litres)</b>	50.00	<b>Waterpack freezing capacity (Kg/24 hrs)</b>	2.40
<b>Waterpack storage capacity (Litres)</b>	16.80		

#### Comments

APPROVED EMS LEVEL 2 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. Waterpack freezing capacity: 2.4 kg per/24h = 4 x 0.6 L Waterpacks per/24h Waterpack storage capacity: 28 x 0.6L

**List of 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

**List of spare parts, Reference & Price** Included in the UNICEF Supply Division spare parts kit: 1 No. Compressor (BD 35K) Complete R600a Incl. ECU - Part No. 8-036510223 1 No. Thermostat refrigerator - Part No. 7095714 1 No. Thermostat freezer – Part No. 7095715 1 No. Fan Set (KD1208PTB3) 12 V DC Part No. 7030823 1 No. Thermometer, solar, Part No.7020392-03 Other parts are available as spares on request.

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#### PRICE AND SHIPPING

<b>Shipping volume (m3)</b>	1.31	<b>Shipping weight (kg)</b>	190.00
<b>Incoterms</b>	EXW	<b>Price 1</b>	6.485 EUR
<b>Year of base price</b>	2023		

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#### QUALITY STANDARD

<b>Quality Standard</b>	Other	<b>Quality standard (Other)</b>	ISO 9001:2008
<b>Specification Reference</b>	Applicable PQS specification: E003/RF05.6 Applicable PQS VP(s): E004/RF05-VP.5		

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#### VERIFICATION

<b>Verification Laboratory</b>	0013X00004MI8OcQAJ	<b>Verification Report Reference</b>	300-KLAB-22-106
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#### PRODUCT SITES

<b>Organization name</b>	Vestfrost Solutions
<b>Address</b>	A/S Vestfrost Falkevej 12 Esbjerg Ø Syddanmark Denmark

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<b>Current PQS status:</b>	<i>Prequalified</i>	<b>Valid until:</b>	<i>31 May 2026</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.