



## E003: Refrigerators and freezers



<b>Product name:</b>	<b>VLS 504Ae AC</b>
<b>IMD-PQS Code:</b>	E003-113e
<b>Status:</b>	Prequalified
<b>Date of acceptance:</b>	10 Feb 2019
<b>Appliance type:</b>	E003
<b>Product description:</b>	Icelined refrigerator
<b>Manufacturer:</b>	Vestfrost Solutions
<b>Manufacturers Reference:</b>	VLS 504Ae AC
<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@vestfrostolutions.com">clc@vestfrostolutions.com</a>
<b>Website address:</b>	<a href="http://vestfrostolutions.com">http://vestfrostolutions.com</a>
<b>Valid until:</b>	31 May 2027

### 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>	55:16
<b>External dimensions length (mm)</b>	700.00	<b>External dimensions width (mm)</b>	1563.00
<b>External dimensions height (mm)</b>	845.00	<b>Performance at" (°C)</b>	43.00
<b>Fuel and refrigeration cycle</b>	Electric - compression	<b>Energy source</b>	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional;Electric Mains 115/60Hz
<b>Lining</b>	Ice-lined	<b>Energy Consumption Intermittent Power (kWh/24h)</b>	0.5910
<b>Energy Consumption Continuous Power (kWh/24h)</b>	0.6380		

#### PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

<b>Refrigerator vaccine storage capacity(L)</b>	242.000	<b>Refrigerator's gross volume (Litres)</b>	314.000
<b>Refrigerant type</b>	R600a	<b>Solar radiation ref period (kWh/m2/day)</b>	1.00

#### PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

<b>Freezer type</b>	N/A
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<b>Comments</b>	APPROVED EMS LEVEL 2 Equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features. Electrical components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance. For easy customization to local standard plug, supplied with appliance power in-let + appliance power plug/cable. Supplied with adjustable legs, elevating appliance to protect against water/rubbish etc. VLS 504A AC model is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5 For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz 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. PQS number: E003/113 EnergyConsump.IntermittentPower(kWh/24h): 1.3520.591 EnergyConsump.ContinuousPower(kWh/24h): 0.638
<b>List of accessories</b>	6 x Vaccine storage top basket; 4 x Vaccine bottom basket; 1 x Bottom grating; 1 x Voltage stabilizer; 1 x 30 day electronic temperature logger; 1 x Holder for 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
<b>List of spare parts, Reference &amp; Price</b>	Included in the UNICEF Supply Division spare parts kit: 1 X Compressor (HXK12AT Complete ) - Part No. 8-03606510309 1 X Thermostat Dixell XR30CH - Part No. 702090042 1 X Thermometer, solar, Part No.7020392-03 1 X Voltage stabilizer controller Part No. 7020475 Other parts are available as spares on request.

#### PRICE AND SHIPPING

<b>Shipping volume (m3)</b>	1.16	<b>Shipping weight (kg)</b>	150.00
<b>Incoterms</b>	EXW	<b>Price 1</b>	1 – 99 units:
<b>Year of base price</b>	2018		

#### QUALITY STANDARD

<b>Quality Standard</b>	Other	<b>Quality standard (Other)</b>	ISO 9001:2008
<b>Specification Reference</b>	Applicable PQS specification: E003/RF03.4 Applicable PQS VP(s): E003/RF03-VP.4		

#### VERIFICATION

<b>Verification Laboratory</b>	Danish Technological Institute	<b>Address</b>	Gregersensvej DK-2630 Taastrup DanemarkDenmark
<b>Telephone</b>	+45 72202472	<b>Email</b>	hans.walloe@teknologisk.dk
<b>Verification Report Reference</b>	300-KLAB-17-179		

#### PRODUCT SITES

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

<b>Current PQS status:</b>	<i>Prequalified</i>	<b>Valid until:</b>	<i>31 May 2027</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.