



E003: Refrigerators and freezers



Product name:	VLS 504A AC
IMD-PQS Code:	E003-113e
Status:	Prequalified
Date of acceptance:	10 Feb 2019
Appliance type:	E003
Product description:	Icelined refrigerator
Manufacturer:	Vestfrost Solutions
Manufacturers Reference:	VLS 504A AC
Country of Manufacture:	Denmark
Address:	A/S Vestfrost Falkevej 12 Esbjerg Ø Syddanmark Denmark
Telephone:	+45 7914 2527
Email:	clc@vestfrostolutions.com
Website address:	http://vestfrostolutions.com
Valid until:	31 May 2026

Specifications

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Freeze protection	Grade A	Hold over time (hours:mn)	55:16
External dimensions length (mm)	700.00	External dimensions width (mm)	1563.00
External dimensions height (mm)	845.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional;Electric Mains 115/60Hz
Lining	Ice-lined	Energy Consumption Intermittent Power (kWh/24h)	0.5910
Energy Consumption Continuous Power (kWh/24h)	0.6380		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

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

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer type	N/A
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Comments	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
List of accessories	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
List of spare parts, Reference & Price	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

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

QUALITY STANDARD

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

VERIFICATION

Verification Laboratory	0013X00004MI8OcQAJ	Verification Report Reference	300-KLAB-17-179
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PRODUCT SITES

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

Current PQS status:	<i>Prequalified</i>	Valid until:	<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.