



E003: Refrigerators and freezers



Product name:	VLS 404Ae AC
IMD-PQS Code:	E003-112e
Status:	Prequalified
Date of acceptance:	10 Feb 2019
Appliance type:	E003
Product description:	Icelined refrigerator
Manufacturer:	Vestfrost Solutions
Manufacturers Reference:	VLS 404Ae AC
Country of Manufacture:	Denmark
Address:	A/S Vestfrost Falkevej 12 Esbjerg Ø Syddanmark Denmark
Telephone:	+45 7914 2527
Email:	clc@vestfrostsolutions.com
Website address:	http://vestfrostsolutions.com/
Valid until:	31 May 2027

Specifications

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Freeze protection	Grade A	Hold over time (hours:mn)	62.47
External dimensions length (mm)	700.00	External dimensions width (mm)	1270.00
External dimensions height (mm)	860.00	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
Lining	Ice-lined	Energy Consumption Cool Down (kWh/24h)	0.6900
Energy Consumption Continuous Power (kWh/24h)	0.6700		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	145.000	Refrigerator's gross volume (Litres)	235.000
Refrigerant type	R600a	Solar radiation ref period (kWh/m2/day)	1.00

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 404A 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. Range of holdover time: 51 - 100 hours Range vaccine storage capacity: 90L - 150L

List of accessories	4 x Vaccine storage top basket; 3 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 (HXK80AT Complete) - Part No.8-036510018 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)	1.02	Shipping weight (kg)	126.00
Incoterms	FCA	Price 1	1-99 units: 1,231 €
Price 2	100-199 units: 1030 €	Year of base price	2020

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008
Specification Reference	Applicable PQS specification: E003/RF03.4 Applicable PQS VP(s): E003/RF03-VP.3		

VERIFICATION

Verification Report Reference	A66543 - amended
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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 2027</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.