



## E003:

## Refrigerators and freezers

<b>PQS code:</b>	<b>E003/113</b>
<b>Type of appliance:</b>	Icelined refrigerator
<b>Manufacturer's reference:</b>	VLS 504A AC
<b>Manufactured in:</b>	Denmark
<b>Company:</b>	Vestfrost Solutions
<b>Address:</b>	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark

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**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>	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional;#2;#Electric Mains 115/60Hz
<b>Appliance tested at:</b>	+43°C	<b>Ext dimensions (HxLxD)</b>	84.5 x 156.3 x 70.0 cm
<b>Performance at:</b>	<b>+43°C</b>	<b>Fuel and cycle type:</b>	Electric - compression

### REFRIGERATOR

### FREEZER

**Freeze protection: Grade A**

<b>Vaccine storage capacity: (Litres)</b>	242 L
<b>Gross volume (Litres):</b>	314 L
<b>Holdover time (hours):</b>	55.27 hrs
<b>Energy consumption, stable running (kWh/24 hours):</b>	0.638 kWh/24h
<b>Energy consumption, cool down test (kWh/24 hours):</b>	

<b>Gross volume:</b>	
<b>Waterpack freezing capacity:</b>	
<b>Waterpack storage capacity:</b>	
<b>Energy consumption during freezing:</b>	

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.

**Comments:**

**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

**Spare parts (ref, price):**

Included in the UNICEF Supply Division spare parts kit:  
 1 No Compressor (NLE 9KTK, Complete) - Part No.8-03606510309  
 1 No Thermostat - Part No.7095348  
 1 No Starting device (103N0021) Part No.6520511  
 1 No Thermometer, solar, Part No.7020287-03

Other parts are available as spares on request.

**Shipping volume:** 1.16 m3 **Shipping weight:** 150 kg

**Price year:** 2018 **Incoterms:** EXW

**Price**

**Quality standard:** - ISO 9001:2008 - **Specification ref.**

**Verification report:** 300-KLAB-17-179 **Verification laboratory:** Danish Technological Institute

**Current PQS status:** *pre-qualified: 02 Oct 2019* **Validity until:** *May, 2023*

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.