



## E003:

## Refrigerators and freezers

|                                  |  |
|----------------------------------|--|
| <b>PQS code:</b>                 | <b>E003/112</b>  |
| <b>Type of appliance:</b>        | Icelined refrigerator  |
| <b>Manufacturer's reference:</b> | VLS 404A AC  |
| <b>Manufactured in:</b>          | Denmark  |
| <b>Company:</b>                  | Vestfrost Solutions  |
| <b>Address:</b>                  | A/S Vestfrost<br>Falkevej 12<br>DK-6705 Esbjerg Ø<br>Denmark |

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## 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<br>or Electric Mains 115/60Hz<br>optional |
| <b>Appliance tested at:</b> | +43°C        | <b>Ext dimensions (HxLxD)</b>  | 86.0 X 127.0 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**

**Vaccine storage capacity:** 145  
(Litres)

**Gross volume (Litres):** 235

**Holdover time (hours):** 55 hours

**Energy consumption, stable running (kWh/24 hours):** 0.67

**Energy consumption, cool down test (kWh/24 hours):** 0.69

**Gross volume:**

**Waterpack freezing capacity:** N/A

N/A

**Waterpack storage capacity:**

**Energy consumption during freezing:** N/A

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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.

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**Comments:**

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**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

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

Included in the UNICEF Supply Division spare parts kit:  
1 No Compressor (NLE 9KTK, Complete) - Part No.8-036038255  
1 No Thermostat - Part No.7095348  
1 No Starting device (103N0021) Part No.A921115  
1 No Thermometer, solar, Part No.7020287-03

Other parts are available as spares on request.

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**Shipping volume:**

1.02 m3

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**Shipping weight:**

126 Kg

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**Price year**

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**Incoterms**

FCA

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**Price**

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**Quality standard:**

- ISO 9001:2008 - ISO 14001  
- DS/OHSAS 18001:2008 -

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**Specification ref.**

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**Verification report:**

A66543 - amended

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**Verification laboratory:**

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**Current PQS status:**

*pre-qualified: 02 Oct 2019*

**Validity until:** *May, 2024*

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