



## E003: Refrigerators and freezers



<b>Product name:</b>	VLS 174A AC
<b>IMD-PQS Code:</b>	E003-120
<b>Status:</b>	Prequalified
<b>Date of acceptance:</b>	27 Apr 2021
<b>Appliance type:</b>	E003
<b>Product description:</b>	Icelined refrigerator
<b>Manufacturer:</b>	Vestfrost Solutions
<b>Manufacturers Reference:</b>	VLS 174A AC
<b>Country of Manufacture:</b>	Denmark
<b>Address:</b>	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark Denmark
<b>Telephone:</b>	+45 7914 2527
<b>Email:</b>	<a href="mailto:clc@vestfrostsolutions.com">clc@vestfrostsolutions.com</a>
<b>Website address:</b>	<a href="http://vestfrostsolutions.com/">http://vestfrostsolutions.com/</a>
<b>Valid until:</b>	31 Dec 2025

## 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>	57:52
<b>External dimensions length (mm)</b>	550.00	<b>External dimensions width (mm)</b>	650.00
<b>External dimensions height (mm)</b>	950.00	<b>Performance at" (°C)</b>	43.00
<b>Fuel and refrigeration cycle</b>	Electric - compression	<b>Energy source</b>	Electric Mains 115/60Hz; Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional
<b>Lining</b>	Ice-lined	<b>Energy Consumption Intermittent Power (kWh/24h)</b>	0.4930
<b>Energy Consumption Continuous Power (kWh/24h)</b>	0.5040		

### PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

<b>Refrigerator vaccine storage capacity(L)</b>	38.000	<b>Refrigerator's gross volume (Litres)</b>	50.600
<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>	Appliance requires only 4 hours electricity per 24 hours at +43°C Equipped with unique QR code, that can be used along Vestfrost Solutions Unit tracker APP, containing various installation/service features. Electric 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. 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 Range of holdover time: 51 - 100 hours Range vaccine storage capacity: 25L - 60L
<b>List of accessories</b>	1 x Vaccine storage baskets; 1 x Bottom grating; 1 x 30 day electronic 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 (HXK80AT Complete ) - Part No.8-0365100181 X Thermostat Dixell XR30CH - Part No. 7020900421 X Thermometer, solar, Part No.7020392-031 X Voltage stabilizer controller Part No. 7020475 Other parts are available as spares on request.
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**PRICE AND SHIPPING**

<b>Shipping volume (m3)</b>	0.63	<b>Shipping weight (kg)</b>	79.00
<b>Incoterms</b>	EXW	<b>Year of base price</b>	2021

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**QUALITY STANDARD**

<b>Quality Standard</b>	Other	<b>Quality standard (Other)</b>	ISO 9001:2008
<b>Specification Reference</b>	Applicable PQS specification: E003/RF03.5 Applicable PQS VP(s):		

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**VERIFICATION**

<b>Verification Laboratory</b>	Danish Technological Institute	<b>Address</b>	Gregersensvej DK-2630 Taastrup Danmark Denmark
<b>Phone</b>	+45 72202472	<b>Email</b>	hans.walloe@teknologisk.dk
<b>Verification Report Reference</b>	Refrigerator 300-KLAB-20-317		

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**PRODUCT SITES**

<b>Organization name</b>	Vestfrost Solutions
<b>Address</b>	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark Denmark

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<b>Current PQS status:</b>	<i>Prequalified</i>	<b>Valid until:</b>	<i>31 Dec 2025</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.