



E003: Refrigerators and freezers



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

Specifications

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Freeze protection	Grade A	Hold over time (hours:mn)	57:52
External dimensions length (mm)	550.00	External dimensions width (mm)	650.00
External dimensions height (mm)	950.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Electric Mains 115/60Hz; Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional
Lining	Ice-lined	Energy Consumption Intermittent Power (kWh/24h)	0.4930
Energy Consumption Continuous Power (kWh/24h)	0.5040		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	38.000	Refrigerator's gross volume (Litres)	50.600
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 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

List of accessories 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

List of spare parts, Reference & Price 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.

PRICE AND SHIPPING

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

QUALITY STANDARD

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

VERIFICATION

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

PRODUCT SITES

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

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