



## E003: Refrigerators and freezers



<b>Product name:</b>	MF 314
<b>IMD-PQS Code:</b>	E003-023
<b>Status:</b>	Prequalified
<b>Date of acceptance:</b>	12 Jan 2011
<b>Appliance type:</b>	E003
<b>Product description:</b>	Vaccine/Waterpacks freezer
<b>Manufacturer:</b>	Vestfrost Solutions
<b>Manufacturers Reference:</b>	MF 314
<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 May 2026

## Specifications

### PRODUCT SPECIFICATIONS - MAIN

<b>Climate zone</b>	Hot	<b>Hold over time (hours:mn)</b>	4:00
<b>External dimensions length (mm)</b>	700.00	<b>External dimensions width (mm)</b>	1560.00
<b>External dimensions height (mm)</b>	840.00	<b>Appliance tested at (°C)</b>	43.00
<b>Performance at" (°C)</b>	43.00	<b>Fuel and refrigeration cycle</b>	Electric - compression
<b>Energy source</b>	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional	<b>Lining</b>	Regular
<b>Energy Consumption During Freezing (kWh/24h)</b>	4.2400	<b>Energy Consumption Cool Down (kWh/24h)</b>	4.2900
<b>Energy Consumption Continuous Power (kWh/24h)</b>	4.2300		

### PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

<b>Refrigerant type</b>	R600a	<b>Solar radiation ref period (kWh/m2/day)</b>	1.00
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### PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

<b>Freezer type</b>	Low energy compression	<b>Freezer net volume</b>	220-300
<b>Freezer's gross volume (Litres)</b>	281.00	<b>Waterpack freezing capacity (Kg/24 hrs)</b>	7.20
<b>Waterpack storage capacity (Litres)</b>	153.60		

<b>Comments</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. MF 314 is 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 Freezing capacity range: 5 - 15 kg/24h Range of holdover time: 2 - 5 hours Range waterpack storage capacity: > 200 L Waterpack storage capacity: 256 x 0.6 L
<b>List of accessories</b>	External electronic 30 day TMD FT2 Type 2. 3 Basket, Locking lid + keys. Manual in 6 languages. Plywood packing

**List of spare parts, Reference & Price** Spare parts to be revised. 1 No. Compressor HXK12AT Complete - Part No. 8-03606510309 1 No. Thermostat freezer - Part No. 7095610 1 No. Voltage stabilizer controller - Part No. 7020475 1 No Starting device, 6520511 1 No Thermometer, solar, Part No.7021091-01

**PRICE AND SHIPPING**

<b>Shipping volume (m3)</b>	1.161	<b>Shipping weight (kg)</b>	108.50
<b>Incoterms</b>	EXW	<b>Price 1</b>	1-99 units: 1192 €
<b>Price 2</b>	100-199 units: €	<b>Year of base price</b>	2023

**QUALITY STANDARD**

<b>Quality Standard</b>	Other	<b>Quality standard (Other)</b>	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008
<b>Specification Reference</b>	Applicable PQS specification: E003/FZ02.2 Applicable PQS VP(s): E003/FZ02-VP2		

**VERIFICATION**

<b>Verification Report Reference</b>	A66542-3 issue 1
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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

<b>Current PQS status:</b>	<i>Prequalified</i>	<b>Valid until:</b>	<i>31 May 2026</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.