



## E003: Refrigerators and freezers



<b>Product name:</b>	U201
<b>IMD-PQS Code:</b>	E003-125
<b>Status:</b>	Prequalified
<b>Date of acceptance:</b>	25 Feb 2022
<b>Appliance type:</b>	E003
<b>Product description:</b>	Vaccine Freezer - Ultralow Temperature Storage
<b>Manufacturer:</b>	B Medical Systems Sarl
<b>Manufacturers Reference:</b>	U201
<b>Country of Manufacture:</b>	Luxembourg
<b>Address:</b>	17 Op der Hei Hosingen Luxembourg Luxembourg
<b>Telephone:</b>	+ 35 2 92 07 311
<b>Email:</b>	<a href="mailto:info@bmedicalsistemas.com">info@bmedicalsistemas.com</a>
<b>Website address:</b>	<a href="http://www.bmedicalsistemas.com">www.bmedicalsistemas.com</a>
<b>Valid until:</b>	31 May 2026

## Specifications

### PRODUCT SPECIFICATIONS - MAIN

<b>Climate zone</b>	Hot	<b>Minimum rated ambient temperature (°C)</b>	10.00
<b>Hold over time (hours:mn)</b>	1:48	<b>External dimensions length (mm)</b>	1039.00
<b>External dimensions width (mm)</b>	699.00	<b>External dimensions height (mm)</b>	1293.00
<b>Appliance tested at (°C)</b>	43.00	<b>Performance at" (°C)</b>	43.00
<b>Fuel and refrigeration cycle</b>	Electric - absorption	<b>Energy source</b>	230V 50Hz (Option 220V 60Hz)
<b>Energy Consumption Cool Down (kWh/24h)</b>	27.6000	<b>Energy Consumption Continuous Power (kWh/24h)</b>	13.5000

### PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

<b>Refrigerator vaccine storage capacity(L)</b>	143.000	<b>Refrigerator's gross volume (Litres)</b>	214.000
<b>Refrigerant type</b>	R290/R170	<b>Solar radiation ref period (kWh/m2/day)</b>	1.00

### PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

<b>Freezer net volume</b>	110-200	<b>Freezer's gross volume (Litres)</b>	232.00
<b>Waterpack freezing capacity (Kg/24 hrs)</b>	0.00	<b>Waterpack storage capacity (Litres)</b>	0.00

<b>Comments</b>	Set temperature (setting range): -86°C to -20°C. Defrosting technique: Manual. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the freezer has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 years. For more information and further conditions of warranty, please contact B Medical Systems. Holdover time: 1h0mins from -82°C to -60°C Freezer vaccine storage capacity: 202 L
<b>List of accessories</b>	1 Separate interior door 1 ST-shelf 4 Smooth castors with stabilizers 1 RTMD (Integrated remote temperature-monitoring device) °B Connected Monitoring Software

<b>List of spare parts, Reference &amp; Price</b>	Included in the UNICEF Supply Division spare parts kit: 1 No. GASKET KIT – Part No. 294.3300.07; 1 No. DRIER – Part No. 296.0945.05; 1 No. COMPRESSOR NT2210U AC 230V/50HZ – Part No. 296.9701.58; 1 No. FAN MOTOR EBM – Part No. 296.9759.29; 1 No. PRESSOSTAT KP7EW – Part No. 296.9762.05; 1 No. CLIP-BOX SPARE PART COMPRESSOR – Part No. 292.8003.31 Other parts are available as spares on request.
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PRICE AND SHIPPING

<b>Shipping volume (m3)</b>	1.2	<b>Shipping weight (kg)</b>	252.00
<b>Incoterms</b>	EXW	<b>Price 1</b>	12,114 €
<b>Year of base price</b>	2024		

QUALITY STANDARD

<b>Quality Standard</b>	ISO 13485;Other	<b>Quality standard (Other)</b>	ISO 9001:2015; ISO 14001:2015
<b>Specification Reference</b>	Applicable PQS specification: E003/ULT01.1 Applicable PQS VP(s): E003/ULT01-VP.1		

VERIFICATION

<b>Verification Laboratory</b>	0013X00004MI8OgQAJ	<b>Verification Report Reference</b>	WHO 21-04
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PRODUCT SITES

<b>Organization name</b>	B Medical Systems Sarl
<b>Address</b>	17 Op der Hei Hosingen Luxemburg Luxembourg

<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.