



E003: Refrigerators and freezers



Product name:	TCW 110VF AC
IMD-PQS Code:	E003-166
Status:	Prequalified
Date of acceptance:	25 May 2026
Appliance type:	E003
Product description:	Mains-powered vaccine freezer 114 Liter net storage capacity
Manufacturer:	B Medical Systems Sarl
Manufacturers Reference:	TCW 110VF AC
Country of Manufacture:	Luxembourg
Address:	17 Op der Hei Hosingen Luxemburg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	info@bmedicalsistemas.com
Website address:	www.bmedicalsistemas.com
Valid until:	31 May 2027

Specifications

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Relative Humidity (Min)	5.00	Relative Humidity (Max)	80.00
Hold over time (hours:mn)	16:07	External dimensions length (mm)	1320.00
External dimensions width (mm)	780.00	External dimensions height (mm)	910.00
Appliance tested at (°C)	43.00	Performance at" (°C)	43.00
Ambient temperature during testing (°C)	43.00	Fuel and refrigeration cycle	Compression
Energy source	Electric - Mains	Lining	Ice
Energy Consumption Cool Down (kWh/24h)	2.3190	Energy Consumption Continuous Power (kWh/24h)	2.3180

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R290	Solar radiation ref period (kWh/m2/day)	3.50
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PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer type	Vaccine Freezer	Freezer net volume	114
Freezer's gross volume (Litres)	142.50		

Comments	This product include the latest EMS Vaccine Cold Chain from B Medical Systems. It consists of Level 2 (advanced local monitoring) remotely upgradeable to Level 3 (advanced remote monitoring including cloud platform Vaclog). Monitoring level can be selected at the time of order. This product also include the latest generation voltage stabilizer with advanced surge protection already compatible with PQS_E007_VS01.6. A led lighting is also included to allow a proper visibility of the storage compartment at night.
List of accessories	Device is supplied with: 2 Keys 2 spacers 2 baskets top 2 baskets bottom 1 wrench 10 8A Fuses 1 Travel plug 1 user manual 1 recycling instruction 1 brush
List of spare parts, Reference & Price	296.9768.82 VCC COLD CHAIN CONTROLLER TBC - INTERNAL VOLTAGE STABILIZER 296.9805.13 SENSOR TEMPERATURE REGULATION 296.9805.18 SENSOR HUMIDITY 292.9960.13 FAN 296.9706.79 STARTING CAPACITOR 296.9701.72 COMPRESSOR 296.9706.81 COMPRESSOR MOTOR PROTECTOR 296.9706.80 STARTING RELAY Other spare parts available upon request to local service provider or B Medical Systems

PRICE AND SHIPPING

Shipping volume (m3)	1.128	Shipping weight (kg)	169.10
Minimum order	1.00	Units per package	1.00
Incoterms	EXW	Price 1	For quantities between 1-39 pcs: 5,690 EUR EXW
Price 2	For quantities between 40-99 pcs: 5,406 EUR EXW	Price 3	For quantities above 100pcs: 5,121 EUR EXW
Year of base price	2026		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001, ISO 13485, ISO 14001
Specification Reference	E003/FZ01-VP.2		

VERIFICATION

Verification Laboratory	Re/Gent B.V	Address	Lage Dijk 22Netherlands
Telephone	+31492 476365	Email	patrick.beks@re-gent.nl
Verification Report Reference	Re/Gent B.V. 25321/BM30/V1		

PRODUCT SITES

Organization name	B Medical Systems Sarl
Address	17 Op der Hei Hosingen Luxemburg Luxembourg

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>31 May 2027</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.