



E003: Refrigerators and freezers



Product name:	TCW 240VF AC
IMD-PQS Code:	E003-167
Status:	Prequalified
Date of acceptance:	26 May 2026
Appliance type:	E003
Product description:	240 liter mains vaccine / water-pack freezer
Manufacturer:	B Medical Systems Sarl
Manufacturers Reference:	TCW 240VF 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	Relative Humidity (Min)	5.00
Relative Humidity (Max)	80.00	Hold over time (hours:mn)	17:13
External dimensions length (mm)	1665.00	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	220-240V 50-60 HZ (115V 60Hz as an option)
Lining	Ice	Energy Consumption During Freezing (kWh/24h)	2.7970
Energy Consumption Cool Down (kWh/24h)	2.8140		

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 / Water-packs	Freezer net volume	240
Freezer's gross volume (Litres)	267.91		

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. Available as an option in 115V 60Hz power supply.
List of accessories	2 Keys 2 spacers 4 baskets top 2 baskets bottom 1 wrench 1 brush 1 Travel plug 1 user manual 1 recycling instruction 10 8A Fuses
List of spare parts, Reference & Price	296.9768.82 VCC COLD CHAIN CONTROLLER 292.2904.39 - INTERNAL VOLTAGE STABILIZER 292.2904.75 - ECU 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

PRICE AND SHIPPING

Shipping volume (m3)	1.41	Shipping weight (kg)	205.30
Minimum order	1.00	Units per package	1.00
Incoterms	EXW	Price 1	For quantities between 1-39 pcs: 6,490 EUR EXW
Price 2	For quantities between 40-99 pcs: 6,166 EUR EXW	Price 3	For quantities above 100pcs: 5,841 EUR EXW
Year of base price	2026		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO9001, ISO14001, ISO13485
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. 25322/BM31/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.