



E003: Refrigerators and freezers



Product name:	TCW 4000 AC
IMD-PQS Code:	E003-066
Status:	Prequalified
Date of acceptance:	03 Aug 2016
Appliance type:	E003
Product description:	Icelined refrigerator
Manufacturer:	B Medical Systems Sarl
Manufacturers Reference:	TCW 4000 AC
Country of Manufacture:	Luxembourg
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	info@bmedicalsistemas.com
Website address:	www.bmedicalsistemas.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)	77:18
External dimensions length (mm)	780.00	External dimensions width (mm)	1625.00
External dimensions height (mm)	915.00	Appliance tested at (°C)	43.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	220-240V 50/60Hz	Lining	Ice-lined
Energy Consumption Intermittent Power (kWh/24h)	0.7000	Energy Consumption Cool Down (kWh/24h)	1.2400
Energy Consumption Continuous Power (kWh/24h)	0.8500		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	240.000	Refrigerator's gross volume (Litres)	249.000
Refrigerant type	R600a	Solar radiation ref period (kWh/m2/day)	1.00

Comments	Optionally available: 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 all requirements of the WHO PQS E006/TR03.2 except for the LCD display (however the refrigerator 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. Optionally available in 115V/60Hz. Delivered with a 30-day temperature recorder as standard Range of holdover time: 51 - 100 hours
List of accessories	6 baskets; 2 keys; 1 brush; 2 spacers; documentation
List of spare parts, Reference & Price	Included in the UNICEF Supply Division spare parts kit: 1 No. Compressor (NLE9KTK 220-240V/50-60HZ) - Part No. 296.9701.63 1 No. Controller board - Part No.296.9769.93 1 No. Sensor NTC - Part No.296.9805.06 1 NO. FAN PAPST - Part No. 292.9960.16 Other parts are available as spares on request.

PRICE AND SHIPPING

Shipping volume (m3)	1.39	Shipping weight (kg)	183.00
Incoterms	EXW	Price 1	>100 units incl. a 30DTR 4314 €
Year of base price	2025		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Quality standard (Other)	ISO 14001:2015; ISO 9001:2015
Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2		

VERIFICATION

Verification Laboratory	CEMAFROID SAS	Address	5 Avenue des Pres CS 20029 F94 266 Fresnes Cedex France France
Phone	+33 1 49 84 84 84	Email	gerald.cavalier@cemafroid.fr
Verification Report Reference	WHO 15-034 corr 2		

PRODUCT SITES

Organization name	B Medical Systems Sarl
Address	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg

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.