



## E003: Refrigerators and freezers



<b>Product name:</b>	TCW 4000 SDD
<b>IMD-PQS Code:</b>	E003-093
<b>Status:</b>	Prequalified
<b>Date of acceptance:</b>	13 Jun 2018
<b>Appliance type:</b>	E003
<b>Product description:</b>	Solar Direct Drive Refrigerator
<b>Manufacturer:</b>	B Medical Systems Sarl
<b>Manufacturers Reference:</b>	TCW 4000 SDD
<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@bmedicalsyste.ms.com">info@bmedicalsyste.ms.com</a>
<b>Website address:</b>	<a href="http://www.bmedicalsyste.ms.com">www.bmedicalsyste.ms.com</a>
<b>Valid until:</b>	31 Dec 2025

## Specifications

### PRODUCT SPECIFICATIONS - MAIN

<b>Climate zone</b>	Hot	<b>Minimum rated ambient temperature (°C)</b>	5.00
<b>Freeze protection</b>	Grade A	<b>Hold over time (hours:mn)</b>	91:16
<b>External dimensions length (mm)</b>	780.00	<b>External dimensions width (mm)</b>	1625.00
<b>External dimensions height (mm)</b>	915.00	<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>	Solar direct drive	<b>Lining</b>	Ice-lined
<b>Energy Consumption Intermittent Power (kWh/24h)</b>	0.8300	<b>Energy Consumption Continuous Power (kWh/24h)</b>	0.8400

### PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

<b>Refrigerator vaccine storage capacity(L)</b>	220.000	<b>Refrigerator's gross volume (Litres)</b>	249.000
<b>Autonomy (hrs:mn)</b>	91:16	<b>Refrigerant type</b>	R600a
<b>Solar radiation ref period (kWh/m2/day)</b>	3.50		

<b>Comments</b>	Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. 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 refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems Range of holdover time: 51 - 100 hours
<b>List of accessories</b>	6 baskets; lockable lid; 2 spacers; 1 brush; documentation; 1 compass; 2 keys
<b>List of spare parts, Reference &amp; Price</b>	Included in the UNICEF Supply Division spare parts kit: 1 No. Compressor (BD35K Solar) - Part No. 296.9702.09 1 No. Electronic Control Unit (E-box) - Part No. 296.9705.32 1 No. Electronic thermostat/controller - Part No. 296.9768.63 1 No. Fan (12V, 5.0W) - Part No. 292.9960.11 1 No. Drier - Part No. 296.0945.04 1 No. Controller display board - Part No. 296.9769.91 1 No. Sensor - Part No. 296.9805.06 Other parts are available as spares on request.

### PRICE AND SHIPPING

<b>Shipping volume (m3)</b>	1.39	<b>Shipping weight (kg)</b>	188.00
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Incoterms	EXW	Price 1	> 100 units: G1: 7433 EUR, G2: 8114 EUR
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/RF05.4 Applicable PQS VP(s): E003/RF05-VP.4		
VERIFICATION			
Verification Laboratory	0013X00004MI8OgQAJ	Verification Report Reference	WHO 17-005
PRODUCT SITES			
Organization name	B Medical Systems Sarl		
Address	17 Op der Hei Hosingen Luxemburg Luxembourg		
Current PQS status:	Prequalified	Valid until:	31 Dec 2025

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.