

E003: Refrigerators and freezers

PQS code: E003/093

Type of appliance: Solar direct drive refrigerator

Manufacturer's reference: TCW 4000 SDD Manufactured in: Luxembourg

B Medical Systems Sarl Company:

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## **Specifications**

Hot +5°C Climate zone: Min rated ambient temp:

Refrigerant: R600a Solar direct drive **Energy source:** Appliance tested at: +43°C Ext dimensions (HxLxD) 91,5 x 162,5 x 78 cm Performance at: Electric - compression +43°C Fuel and cycle type:

SOLAR DIRECT DRIVE REFRIGERATOR AND/OR FREEZER Freeze protection: Grade A

Vaccine storage capacity: 220 Gross volume (Liters): N/A

(Liters)

Gross volume (Liters): 250

Waterpack freezing capacity: N/A

Waterpack storage capacity:

N/A

Autonomy as per 91 hrs 16mins At a solar radiation reference 3.5 kWh/m2/day WHO/PQS protocols

period of:

Warning! For solar direct drive units, the correct sizing of the solar panel array for a specific site is complex

and critical. It must be agreed with both the appliance manufacturer and with the Qualified Supplier

of the solar energy system at the time of ordering.

Comments:	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 2 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems		
Accessories:			
Spare parts (ref, price):	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 (12-28 V, 5.6W) - Part No. 292.9960.11  1 No. Drier - Part No. 296.0945.04  1 No. Controller display board - Part No. 296.9769.81  1 No. Sensor - Part No. 296.9805.06		
Shipping volume:	Other parts are available as spare 1,36 m3	s on request. Shipping weight:	192 kg
Price year	2019	Incoterms	EXW
Price	> 100 units: G1: 5767 EUR, G2: 6295 EUR	incoternis	LAW
Quality standard:	- ISO 13485 - ISO 14001 - ISO 9001 -	Specification ref.	
Verification report:	WHO 17-005	Verification laboratory:	CEMAFROID SAS
Current PQS status:	pre-qualified: 13 Jun 2018	Validity until: May, 2024	

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.