



E003:

Refrigerators and freezers

PQS code:	E003/045
Type of appliance:	Solar direct drive refrigerator
Manufacturer's reference:	TCW 3043 SDD
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Address:	17 Op der Hei L-9809 Hosingen Luxembourg
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Web address:	www.bmedicalsistemas.com

Specifications

Climate zone:	Hot	Min rated ambient temp:	+5°C
Refrigerant:	R600a	Energy source:	Solar direct drive
Appliance tested at:	+43°C	Ext dimensions (HxLxD)	91 X 127 X 78 cm
Performance at:	+43°C	Fuel and cycle type:	Electric - compression
SOLAR DIRECT DRIVE REFRIGERATOR		AND / OR FREEZER	
		Freeze protection: Grade A	
Vaccine storage capacity: (Liters)	89	Gross volume (Liters):	N/A
Gross volume (Liters):	111	Waterpack freezing capacity:	N/A
		Waterpack storage capacity:	N/A
Autonomy as per WHO/PQS protocols	116 hours 41 min	At a solar radiation reference period of:	3.5 kWh/m ² /day

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.

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

Comments:

Accessories:

5 baskets; L; 2 keys; documentation; lockable lid; 2 spacers; 1 compass; 1 brush

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 thermostat/controller (TCW DC Solar) - Part No. 292.2009.05
1 No. Electronic Control Unit - Part No. 296.9705.24
1 No. Fan (12-28 V, 5.6W) - Part No.292.9960.09

Other parts are available as spares on request.

Shipping volume:

1.07 m3

Shipping weight:

171 kg

Price year

2022

Incoterms

EXW

Price

>100 units: G1: 5912€ ; G2:
6419€

Quality standard:

- ISO 9001:2008 - ISO 13485
- ISO 14001 -

Specification ref.

Verification report:

WHO 13-026 V2

Verification laboratory:

CEMAFROID SAS

Current PQS status:

pre-qualified: 01 Sep 2014

Validity until: *May, 2024*

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.