



E003:

Refrigerators and freezers

PQS code:	E003/042
Type of appliance:	Solar direct drive combined refrigerator/freezer
Manufacturer's reference:	TCW 40 SDD
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Address:	17 Op der Hei L-9809 Hosingen Luxembourg
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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)	90 x 78 x 103 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)	36	Gross volume (Liters):	4.8
Gross volume (Liters):	46.6	Waterpack freezing capacity:	1.89 kg/24h
		Waterpack storage capacity:	3.6 kg
Autonomy as per WHO/PQS protocols	81 hours 54 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:

1 basket; 8 waterpacs 0.6 L; 8 waterpack holders; 2 keys; 1 brush; 1 pan for drain; documentation, 1 compass, lockable lid, 2 spacers

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. E-BOX BD35K SOLAR - Part No. 296.9705.32
1 No. COLD CHAIN CONTROLLER 3-SEN - Part No. 296.9769.98
1 No. FAN PAPST #4312NNU 12V 4.3W 410MM - Part No. 292.9960.13
(Alternative item: VENTILATOR ORION OD1225-12HB IP68 - Part No. 292.9960.20)

Other parts are available as spares on request.

Shipping volume:

0.88m3

Shipping weight:

126kg

Price year

2022

Incoterms

EXW

Price

> 100 units: G1: 5041€ ; G2:
5550€

Quality standard:

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

Specification ref.

Verification report:

WHO 13-024 V2

Verification laboratory:

CEMAFROID SAS

Current PQS status:

pre-qualified: 27 Mar 2014

Validity until: *May, 2024*

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.