



E003:

Refrigerators and freezers

PQS code:	E003/073
Type of appliance:	Solar direct drive freezer
Manufacturer's reference:	TFW 40 SDD
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Address:	17 Op der Hei L-9809 Hosingen Luxembourg
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Email:	info@bmedicalsistemas.com , Gilles.Ries@bmedicalsistemas.com , Admilson.Pinto@bmedicalsistemas.com
Web address:	www.bmedicalsistemas.com

Specifications

Climate zone:	Hot	Min rated ambient temp:	N/A
Refrigerant:	R600a	Energy source:	Solar direct drive
Appliance tested at:	+43°C	Ext dimensions (HxLxD)	90 x 103 x 78 cm
Performance at:	+43°C	Fuel and cycle type:	Electric - compression

SOLAR DIRECT DRIVE REFRIGERATOR	AND / OR	FREEZER	Freeze protection: N/A
Vaccine storage capacity (Liters):	N/A	Gross volume (Liters):	64 L
Gross volume (Liters):	N/A	Waterpack freezing capacity:	2.16 kg/24h (4 packs of 0.6L)
		Waterpack storage capacity:	11.24 kg (20 waterpacks)
Autonomy as per WHO/PQS protocols	5 days	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 system: Generator 1 = roof fixed; Generator 2 = roof adjustable
Energy sources: nominal 12 V DC solar electric array. Minimum power 250 watts at solar radiation reference period 3.5 kWh/m²/day

Comments:

Accessories: 8 waterpacks 0.6 L; 8 waterpacks holders; 2 keys; 1 brush; 2 spacers; documentation

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 - Part No. 296.9705.24
1 No. Electronic thermostat/controller - Part No.296.9769.92
1 No. Fan (12-28 V, 5.6W) - Part No.292.9960.09

Other parts are available as spares on request.

Shipping volume: 0,88 m³ **Shipping weight:** 119 kg

Price year 2019 **Incoterms** EXW

Price > 100 units: G1:4097 €; G2: 4360 €

Quality standard: - ISO 9001:2008 - ISO 13485 **Specification ref.**
- ISO 14001 -

Verification report: WHO-15036 corr 1 **Verification laboratory:** CEMAFROID SAS

Current PQS status: *pre-qualified: 26 May 2016* **Validity until:** May, 2024

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.