

**E003:****Refrigerators and freezers**

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| PQS code: | E003/124 |
| Type of appliance: | Solar direct drive combined refrigerator/freezer |
| Manufacturer's reference: | TCW120SDD |
| Manufactured in: | Luxembourg |
| Company: | B Medical Systems Sarl |
| Address: | 17 Op der Hei L-9809 Hosingen Luxembourg |
| Telephone: | + 35 2 92 07 311 |
| Email: | info@bmedicalsistemas.com , Gilles.Ries@bmedicalsistemas.com , Admilson.Pinto@bmedicalsistemas.com |
| Web address: | www.bmedicalsistemas.com |

Specifications

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| Climate zone: | Hot | Min rated ambient temp: | +5°C |
| Refrigerant: | R600a | Energy source: | Solar direct drive |
| Appliance tested at: | +43°C | Ext dimensions (HxLxD) | 910 x 1620 x 790 mm |
| 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) | 120 L | Gross volume (Liters): | 28 L |
| Gross volume (Liters): | 153 L | Waterpack freezing capacity: | >1.6 kg/24h |
| | | Waterpack storage capacity: | |
| Autonomy as per WHO/PQS protocols | 82hrs 5 mins | At a solar radiation reference period of: | 3.5 kWh/m2/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.

Comments:

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| Accessories: | 4 vaccine storage baskets lockable lid 2 spacers 22 waterpacks of 0.6L |
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Spare parts (ref, price):

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| Shipping volume: | 1.39 m3 | Shipping weight: | 187 kg |
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| Price year | 2021 | Incoterms | |
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Price

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| Quality standard: | - ISO 9001:2008 - | Specification ref. | |
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| Verification report: | | Verification laboratory: | CEMAFROID SAS |
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| Current PQS status: | <i>pre-qualified: 06 Dec 2021</i> | Validity until: | <i>May, 2024</i> |
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.