



## E003:

## Refrigerators and freezers

<b>PQS code:</b>	<b>E003/067</b>
<b>Type of appliance:</b>	Solar direct drive refrigerator
<b>Manufacturer's reference:</b>	TCW 15R SDD
<b>Manufactured in:</b>	Luxembourg
<b>Company:</b>	B Medical Systems Sarl
<b>Address:</b>	17 Op der Hei L-9809 Hosingen Luxembourg
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<b>Web address:</b>	<a href="http://www.bmedicalsistemas.com">www.bmedicalsistemas.com</a>

## Specifications

<b>Climate zone:</b>	Hot	<b>Min rated ambient temp:</b>	+10°C
<b>Refrigerant:</b>	R600a	<b>Energy source:</b>	Solar direct drive
<b>Appliance tested at:</b>	+43°C	<b>Ext dimensions (HxLxD)</b>	950 x 730 x 730mm
<b>Performance at:</b>	<b>+43°C</b>	<b>Fuel and cycle type:</b>	Electric - compression
<b>SOLAR DIRECT DRIVE REFRIGERATOR</b>		<b>AND / OR FREEZER</b>	
		<b>Freeze protection: Grade A</b>	
<b>Vaccine storage capacity: (Liters)</b>	16	<b>Gross volume (Liters):</b>	N/A
<b>Gross volume (Liters):</b>	26,5	<b>Waterpack freezing capacity:</b>	N/A
		<b>Waterpack storage capacity:</b>	N/A
<b>Autonomy as per WHO/PQS protocols</b>	81.8	<b>At a solar radiation reference period of:</b>	3.5 kWh/m <sup>2</sup> /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.

