



## E003:

## Refrigerators and freezers

<b>PQS code:</b>	<b>E003/132</b>
<b>Type of appliance:</b>	Combined icelined refrigerator/waterpacks freezer
<b>Manufacturer's reference:</b>	VLS 096A RF SDD
<b>Manufactured in:</b>	Denmark
<b>Company:</b>	Vestfrost Solutions
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## Specifications

<b>Climate zone:</b>	Hot	<b>Min rated ambient temp:</b>	+5°C
<b>Refrigerant:</b>	R600a	<b>Energy source:</b>	Solar direct drive
<b>Appliance tested at:</b>		<b>Ext dimensions (HxLxD)</b>	870x1510x740
<b>Performance at:</b>	<b>+43°C</b>	<b>Fuel and cycle type:</b>	Electric - compression
<b>SOLAR DIRECT DRIVE REFRIGERATOR AND / OR FREEZER</b>			<b>Freeze protection: Grade A</b>
<b>Vaccine storage capacity: (Liters)</b>	110L	<b>Gross volume (Liters):</b>	50 L
<b>Gross volume (Liters):</b>	147L	<b>Waterpack freezing capacity:</b>	2.4 kg per/24h = 4 x 0.6 L Waterpacks per/24h
		<b>Waterpack storage capacity:</b>	28 x 0.6L
<b>Autonomy as per WHO/PQS protocols</b>	114.33 hrs	<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.

