



## E003:

## Refrigerators and freezers

<b>PQS code:</b>	<b>E003/099</b>
<b>Type of appliance:</b>	Solar direct drive freezer
<b>Manufacturer's reference:</b>	VFS 048 SDD
<b>Manufactured in:</b>	Denmark
<b>Company:</b>	Vestfrost Solutions
<b>Address:</b>	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
<b>Telephone:</b>	+45 7914 2555; +45 7914 2248
<b>Email:</b>	<a href="mailto:clc@vestfrostsolutions.com">clc@vestfrostsolutions.com</a> ; <a href="mailto:bjn@vestfrostsolutions.com">bjn@vestfrostsolutions.com</a>
<b>Web address:</b>	<a href="http://vestfrostsolutions.com/">http://vestfrostsolutions.com/</a>

## Specifications

<b>Climate zone:</b>		<b>Min rated ambient temp:</b>	+5°C
<b>Refrigerant:</b>	R600a	<b>Energy source:</b>	
<b>Appliance tested at:</b>	+43°C	<b>Ext dimensions (HxLxD)</b>	85 x 55.5 x 65
<b>Performance at:</b>	<b>+43°C</b>	<b>Fuel and cycle type:</b>	Electric - compression

**SOLAR DIRECT DRIVE REFRIGERATOR AND / OR FREEZER** Freeze protection: N/A

<b>Vaccine storage capacity: (Liters)</b>	n/a	<b>Gross volume (Liters):</b>	34.3 L
<b>Gross volume (Liters):</b>	n/a	<b>Waterpack freezing capacity:</b>	1.6 kg/24 h
		<b>Waterpack storage capacity:</b>	29 X0.6 L
<b>Autonomy as per WHO/PQS protocols</b>		<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.

	Prices include the solar energy system consisting of 4x90Wp, roof adjustable, plug & play Energy requirements: 12V DC solar electric array. 360W radiation reference period 3.5kWh/m2/day.		
<b>Comments:</b>	Stated shipping volume and weight, incl. complete Solar Energy System		
<b>Accessories:</b>	Self-regulating temperature control. Electronic temperature reading. Locking lid + keys. Manual in 6 languages. Plywood packing		
<b>Spare parts (ref, price):</b>	Included in the UNICEF Supply Division spare parts kit: 1 No. Compressor -1 10-45 V - Part No. 8-036510223 1 No. Thermostat (K-54-L2021 Ranco) - Part No. 6520038 1 No Electronic control unit - Part No. 6520845 (incl. in compressor) 1 No. Fan - Part No. 7030823 1 No. Thermometer - Part No. 7020287-03  Other parts are available as spares on request.		
<b>Shipping volume:</b>	1.42 m3	<b>Shipping weight:</b>	167 kg
<b>Price year</b>	2018	<b>Incoterms</b>	EXW
<b>Price</b>	1-99 units: 2.635€		
<b>Quality standard:</b>	- ISO 9001:2008 - ISO 14001 -	<b>Specification ref.</b>	
<b>Verification report:</b>	300-KLAB-17-118	<b>Verification laboratory:</b>	Danish Technological Institute
<b>Current PQS status:</b>	<i>pre-qualified: 23 Nov 2018</i>	<b>Validity until:</b> <i>May, 2022</i>	

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