

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

<b>PQS code:</b>	<b>E003/118</b>
<b>Type of appliance:</b>	Solar direct drive refrigerator
<b>Manufacturer's reference:</b>	ARKTEK YBC-10 SDD
<b>Manufactured in:</b>	
<b>Company:</b>	Qingdao Aucma Global Medical Co.,Ltd.
<b>Address:</b>	315 Qianwangang Road, Economic & Technological Development Zone, Qingdao, China
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<b>Web address:</b>	<a href="http://aucmaglobal.com.cn">http://aucmaglobal.com.cn</a>

**Specifications**

<b>Climate zone:</b>		<b>Min rated ambient temp:</b>	+5°C
<b>Refrigerant:</b>		<b>Energy source:</b>	Solar direct drive
<b>Appliance tested at:</b>	+43°C	<b>Ext dimensions (HxLxD)</b>	Diam 52.8 x 86 cm
<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>	10 Litres	<b>Gross volume (Liters):</b>	
<b>Gross volume (Liters):</b>	15 Litres	<b>Waterpack freezing capacity:</b>	
		<b>Waterpack storage capacity:</b>	
<b>Autonomy as per WHO/PQS protocols</b>	72 hours	<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.

"The ARKTEK YBC-10 SDD provides safe, solar-powered vaccine storage for health facilities that have minimal or no mains power, and extreme ambient temperatures. It can keep vaccines cold with no risk of freezing through 3+ day periods with inadequate sunlight. Included 200W PV modules and pole PV mounting rack with 20m wiring and 1.5m ground rod. Included energy harvesting outputs with 5V USB (2A) Integrated 30-day electronic refrigerator temperature logger stores and displays temperature."

**Comments:**

**Accessories:** 6 vaccine stacks; documentation;

**Spare parts (ref, price):** "Thermoelectric cooler 1 EA  
Electronic control board 1 SET"

**Shipping volume:****Shipping weight:**

**Price year** 2020

**Incoterms** EXW

**Price** \$ 3,550

**Quality standard:** - ISO 9001:2008 -

**Specification ref.**

**Verification report:** WB-19-369

**Verification laboratory:** CHEARI

**Current PQS status:** *pre-qualified: 20 Oct 2020*

**Validity until:** *May, 2024*

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.