



E003:

Refrigerators and freezers

PQS code:	E003/129
Type of appliance:	Combined icelined refrigerator/waterpacks freezer
Manufacturer's reference:	TCD-100
Manufactured in:	China; People's Republic of
Company:	Qingdao Aucma Global Medical Co.,Ltd.
Address:	315 Qianwangang Road, Economic & Technological Development Zone, Qingdao, China
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Specifications

Climate zone:	Hot	Min rated ambient temp:	+5°C
Refrigerant:	#R290	Energy source:	
Appliance tested at:	+43°C	Ext dimensions (HxLxD)	W1050*D750*H975 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)	48L	Gross volume (Liters):	38L
Gross volume (Liters):	59L	Waterpack freezing capacity:	2kg/24h
		Waterpack storage capacity:	10.7 kg
Autonomy as per WHO/PQS protocols	180 h	At a solar radiation reference period of:	3.5 kWh/m ² /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:	"1 - 48-liter vaccine storage chamber volume; 38-liter water pack freezer chamber volume; 2 - Integrated USB temperature data module with 10 year data storage capacity; 3 - 180 hours of holdover at constant ambient temperature of 43 °C; 4 - 2.0kg daily Water-pack freezing capacity, 10.7kg water-pack storage compartment capacity; 5 - 180 hours autonomy at constant ambient temperature of 43 °C; 6 - Integrated maximum/minimum temperature and alarm data with 30 day history; 7 - Integrated USB charging port 5V / 0.5A;		
Accessories:	"1 - 2 Vaccine boxes 2 - 2 Keys 3 - 1 Funnel 4 - Documentation 5 - 2 baskets		
Spare parts (ref, price):	"3000001485 : Compressor : 283 USD 3000002307 : DC fan : 26 USD 3001000717 : Electronic control unit : 68 USD"		
Shipping volume:	1.62 m3	Shipping weight:	260 kg
Price year	2022	Incoterms	EXW
Price			
Quality standard:	- ISO 9001: 2015 -	Specification ref.	
Verification report:	WB-21-0332	Verification laboratory:	CHEARI
Current PQS status:	<i>pre-qualified: 14 Sep 2022</i>	Validity until: <i>May, 2024</i>	

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.