



## E003: Refrigerators and freezers



<b>Product name:</b>	<b>TCD-100</b>
<b>IMD-PQS Code:</b>	E003-129
<b>Status:</b>	Prequalified
<b>Date of acceptance:</b>	14 Sep 2022
<b>Appliance type:</b>	E003
<b>Product description:</b>	Solar Direct Drive Refrigerator & Freezer
<b>Manufacturer:</b>	Qingdao Aucma Global Medical Co.,Ltd.
<b>Manufacturers Reference:</b>	TCD-100
<b>Country of Manufacture:</b>	China
<b>Address:</b>	315 Qianwangang Road, Economic & Technological Development Zone, Qingdao Shandong China
<b>Telephone:</b>	+86 532 86763602
<b>Email:</b>	<a href="mailto:lishouda@aucma.com.cn">lishouda@aucma.com.cn</a>
<b>Website address:</b>	<a href="http://www.aucmamedicalglobal.com">www.aucmamedicalglobal.com</a>
<b>Valid until:</b>	31 Dec 2025

## Specifications

### PRODUCT SPECIFICATIONS - MAIN

<b>Climate zone</b>	Hot	<b>Minimum rated ambient temperature (°C)</b>	5.00
<b>Freeze protection</b>	Grade A	<b>External dimensions length (mm)</b>	750.00
<b>External dimensions width (mm)</b>	1050.00	<b>External dimensions height (mm)</b>	975.00
<b>Appliance tested at (°C)</b>	43.00	<b>Performance at" (°C)</b>	43.00
<b>Fuel and refrigeration cycle</b>	Electric - compression	<b>Lining</b>	Ice-lined
<b>Energy Consumption During Freezing (kWh/24h)</b>	1.9950	<b>Energy Consumption Cool Down (kWh/24h)</b>	1.2060
<b>Energy Consumption Continuous Power (kWh/24h)</b>	1.4100		

### PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

<b>Refrigerator vaccine storage capacity(L)</b>	48.000	<b>Refrigerator's gross volume (Litres)</b>	59.000
<b>Autonomy (hrs:mn)</b>	180	<b>Refrigerant type</b>	R290
<b>Solar radiation ref period (kWh/m2/day)</b>	3.50		

### PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

<b>Freezer's gross volume (Litres)</b>	38.00	<b>Waterpack freezing capacity (Kg/24 hrs)</b>	2.00
<b>Waterpack storage capacity (Litres)</b>	10.70		

<b>Comments</b>	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;
<b>List of accessories</b>	1. 2 Vaccine boxes 2. 2 Keys 3. 1 Funnel 4. Documentation 5. 2 baskets
<b>List of spare parts, Reference &amp; Price</b>	3000001485 Compressor 283 USD 3000002307 DC fan 26 USD 3001000717 Electronic control unit 68 USD"

PRICE AND SHIPPING

Shipping volume (m3)	1.62	Shipping weight (kg)	260.00
Incoterms	EXW	Year of base price	2022

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2015
Specification Reference	Applicable PQS specification: Applicable PQS VP(s):		

VERIFICATION

Verification Laboratory	0013X00004MI8OhQAJ	Verification Report Reference	WB-21-0332
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PRODUCT SITES

Organization name	Qingdao Aucma Global Medical Co.,Ltd.		
Address	315 Qianwangang Road, Economic &Technological Development Zone, Qingdao Shandong China		
Current PQS status:	Prequalified	Valid until:	31 Dec 2025

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