



## E003:

## Refrigerators and freezers

<b>PQS code:</b>	<b>E003/057</b>
<b>Type of appliance:</b>	Solar direct drive combined refrigerator/freezer
<b>Manufacturer's reference:</b>	HTCD-160-SDD
<b>Manufactured in:</b>	China; People's Republic of
<b>Company:</b>	Qingdao Haier Biomedical Co., Ltd
<b>Address:</b>	No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of

<b>Telephone:</b>	+86-532-88935593
<b>Email:</b>	<a href="mailto:wenming.wang@haierbiomedical.com">wenming.wang@haierbiomedical.com</a>
<b>Web address:</b>	<a href="http://www.haiermedical.com">http://www.haiermedical.com</a>

## 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>	+43°C	<b>Ext dimensions (HxLxD)</b>	169.5 x 86.5 x 82.5
<b>Performance at:</b>	<b>+43°C</b>	<b>Fuel and cycle type:</b>	Electric - compression
<b>SOLAR DIRECT DRIVE REFRIGERATOR</b>		<b>AND / OR FREEZER</b>	<b>Freeze protection: Grade A</b>
<b>Vaccine storage capacity: (Liters)</b>	100L	<b>Gross volume (Liters):</b>	40L
<b>Gross volume (Liters):</b>	120L	<b>Waterpack freezing capacity:</b>	2.08 Kg/24h
		<b>Waterpack storage capacity:</b>	10.68 Kg
<b>Autonomy as per WHO/PQS protocols</b>	121 hrs 27 mins	<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 solar system		
	1. Display: Solar LED Temperature Display		
	2. Voltage of Solar panel: 24V		
	3. Power of Solar Panel: 255W*3		
<b>Comments:</b>	4. Optional: Remote temperature monitoring device		
<b>Accessories:</b>	2 shelves; 2 padlocks; Instruction manual; Water injection device; Water preservative		
<b>Spare parts (ref, price):</b>	Included in the UNICEF Supply Division spare parts kit: 2 No. Dry filter -Part No. 0060703262 1 No. Thermostat - Part No. 0274000352 1 No. Capacitor - Part No. 0274000393 2 No. Display - Part No. 0274000357 1 No. Compressor BD-35K -Part No.0274000118A 1 No. Compressor controller (E-Box) - Part No. 0274000118FJ 1 No. Fan Set - Part No.0274000351 1 No. Main Switch - Part No. 0274000354B 1 No. USB charging port - Part No. 0274000389 1 No. Thermo sensor - Part No. 0274000358 1 No. Thermo sensor - Part No. 0274000357A 1 No. Thermo sensor - Part No. 0274000353 2 No. Sticker - Part No. 0270501015 2 No. Indicator - Part No. 0074000574		
	Other parts are available as spares on request.		
<b>Shipping volume:</b>	1.6 m3	<b>Shipping weight:</b>	186 Kg
<b>Price year</b>	2021	<b>Incoterms</b>	FCA
<b>Price</b>	1-100units USD 6500	>100units USD 6400	
<b>Quality standard:</b>	- ISO 9001:2008 - ISO 13485 - ISO 14001 -	<b>Specification ref.</b>	
<b>Verification report:</b>	WB-15-227	<b>Verification laboratory:</b>	CHEARI
<b>Current PQS status:</b>	<i>pre-qualified: 17 Sep 2015</i>	<b>Validity until:</b>	<i>May, 2024</i>

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