



## E003:

## Refrigerators and freezers

<b>PQS code:</b>	<b>E003/074</b>
<b>Type of appliance:</b>	Solar direct drive combined refrigerator/freezer
<b>Manufacturer's reference:</b>	HTCD 90 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

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## 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>	720 mm x 875mm x 1128mm
<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>	37.5	<b>Gross volume (Liters):</b>	32
<b>Gross volume (Liters):</b>	58	<b>Waterpack freezing capacity:</b>	2.43 Kg/24h
		<b>Waterpack storage capacity:</b>	12
<b>Autonomy as per WHO/PQS protocols</b>	114.9	<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.*

<b>Comments:</b>	180W x 4 or 360Wx 2 Solar Panel power Price includes 30 days temperature logger		
<b>Accessories:</b>	Baskets; manuals; keys		
<b>Spare parts (ref, price):</b>	Included in the UNICEF Supply Division spare parts kit: 2 No. Display - Part No. 0274000357 2 No. Indicator - Part No. 0074000574 1 No. Fan Set - Part No. 0274000351 1 No. Compressor BD-35K -Part No. 0274000118A 1 No. Compressor controller (E-Box) - Part No. 0274000118FJ 1 No. Thermostat - Part No. 0274000352 1 No. Main Switch - Part No. 0274000354 1 No.USB charging port - Part No. 0274000389 1 No. Dry filter - Part No. 0074180001 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. 0270501015C  Other parts are available as spares on request.		
<b>Shipping volume:</b>	0.98 m3	<b>Shipping weight:</b>	113 KG
<b>Price year</b>	2023	<b>Incoterms</b>	FCA
<b>Price</b>	Price: USD 5275	>100units USD 4656	
<b>Quality standard:</b>	- ISO 9001:2008 - ISO 13485 - ISO 14001 -	<b>Specification ref.</b>	
<b>Verification report:</b>	WB-16-153	<b>Verification laboratory:</b>	CHEARI
<b>Current PQS status:</b>	<i>pre-qualified: 06 Jun 2016</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.