



## E003: Refrigerators and freezers



<b>Product name:</b>	<b>HTC-120-SDD</b>
<b>IMD-PQS Code:</b>	E003-116e
<b>Status:</b>	Prequalified
<b>Date of acceptance:</b>	06 Sep 2020
<b>Appliance type:</b>	E003
<b>Product description:</b>	Solar direct drive refrigerator
<b>Manufacturer:</b>	Qingdao Haier Biomedical Co., Ltd
<b>Manufacturers Reference:</b>	HTC-120-SDD
<b>Country of Manufacture:</b>	China
<b>Address:</b>	No.280 Fengyuan Road High-tech Zone Qingdao Shandong China
<b>Telephone:</b>	+86-15066227057
<b>Email:</b>	<a href="mailto:tianhui.yu@haierbiomedical.com">tianhui.yu@haierbiomedical.com</a>
<b>Website address:</b>	<a href="http://www.haiermedical.com">http://www.haiermedical.com</a>
<b>Valid until:</b>	31 May 2026

### Specifications

#### PRODUCT SPECIFICATIONS - MAIN

<b>Minimum rated ambient temperature (°C)</b>	5.00	<b>Freeze protection</b>	Grade A
<b>External dimensions length (mm)</b>	1425.00	<b>External dimensions width (mm)</b>	825.00
<b>External dimensions height (mm)</b>	865.00	<b>Performance at" (°C)</b>	43.00
<b>Fuel and refrigeration cycle</b>	Electric - absorption	<b>Energy source</b>	Solar direct drive
<b>Lining</b>	Ice-lined	<b>Energy Consumption Intermittent Power (kWh/24h)</b>	0.4400
<b>Energy Consumption Cool Down (kWh/24h)</b>	0.4800		

#### PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

<b>Refrigerator vaccine storage capacity(L)</b>	100.000	<b>Refrigerator's gross volume (Litres)</b>	120.000
<b>Autonomy (hrs:mn)</b>	112.24	<b>Refrigerant type</b>	R600a
<b>Solar radiation ref period (kWh/m2/day)</b>	3.50		

#### PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

<b>Freezer type</b>	N/A
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<b>Comments</b>	APPROVED EMS LEVEL 3 Optional: Remote temperature monitoring device
<b>List of accessories</b>	Keys, Handle component, 30 days Data logger
<b>List of spare parts, Reference &amp; Price</b>	Included in the UNICEF Supply Division spare parts kit: 1 No. Display - Part No. 0274000357 1 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. 0274000354B 1 No. USB charging port - Part No. 0274000389 1 No. Dry filter - Part No. 0074180002A 1 No. Thermo sensor - Part No. 0274000353 1 No. Thermo sensor - Part No. 0274000358 2 No. Sticker - Part No. 0270501015A Other parts are available as spares on request.

#### PRICE AND SHIPPING

<b>Shipping volume (m3)</b>	1.44	<b>Shipping weight (kg)</b>	160.00
<b>Incoterms</b>	EXW	<b>Price 1</b>	1-100units USD 3628

<b>Price 2</b>	>100units USD 3550	<b>Year of base price</b>	2021
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**QUALITY STANDARD**

<b>Quality Standard</b>	Other	<b>Quality standard (Other)</b>	ISO 9001:2008
<b>Specification Reference</b>	Applicable PQS specification: E003/RF05.5 Applicable PQS VP(s): E003/RF05-VP.4		

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**VERIFICATION**

<b>Verification Laboratory</b>	CHEARI	<b>Address</b>	#29 Xia Jie Street, Xuan Wu district Beijing 100053 R. P. de ChineChina
<b>Telephone</b>	+86 1063162443	<b>Email</b>	gongcx@cheari.com
<b>Verification Report Reference</b>	WB-19-474		

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**PRODUCT SITES**

<b>Organization name</b>	Qingdao Haier Biomedical Co., Ltd		
<b>Address</b>	No.280 Fengyuan Road High-tech Zone Qingdao Shandong China		

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<b>Current PQS status:</b>	<i>Prequalified</i>	<b>Valid until:</b>	<i>31 May 2026</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.