



E003: Refrigerators and freezers



Product name:	HTCD 90 SDD
IMD-PQS Code:	E003-074
Status:	Prequalified
Date of acceptance:	06 Jun 2016
Appliance type:	E003
Product description:	Solar direct drive refrigerator/freezer
Manufacturer:	Qingdao Haier Biomedical Co., Ltd
Manufacturers Reference:	HTCD 90 SDD
Country of Manufacture:	China
Address:	No.280 Fengyuan Road High-tech Zone Qingdao Shandong China
Telephone:	+86-15066227057
Email:	tianhui.yu@haierbiomedical.com
Website address:	http://www.haiermedical.com
Valid until:	31 May 2026

Specifications

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Freeze protection	Grade A	Hold over time (hours:mn)	137
External dimensions length (mm)	1128.00	External dimensions width (mm)	875.00
External dimensions height (mm)	720.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Solar direct drive
Energy Consumption Cool Down (kWh/24h)	0.9700	Energy Consumption Continuous Power (kWh/24h)	0.9100

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	37.500	Refrigerator's gross volume (Litres)	58.000
Autonomy (hrs:mn)	114.9	Refrigerant type	R600a
Solar radiation ref period (kWh/m2/day)	3.50		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer type	Low energy compression	Freezer's gross volume (Litres)	32.00
Waterpack freezing capacity (Kg/24 hrs)	2.43	Waterpack storage capacity (Litres)	12.00

Comments	Optional: Remote temperature monitoring device 180W x 4 or 360Wx 2 Solar Panel power Price includes 30 days temperature logger Freezer net volume: 50 L Freezing capacity range: 5 kg/24h Range of holdover time: 101 - 250 hours Range vaccine storage capacity: 25L - 60L Range waterpack storage capacity: 20
List of accessories	Baskets; manuals; keys
List of spare parts, Reference & Price	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.

PRICE AND SHIPPING

Shipping volume (m3)	0.98	Shipping weight (kg)	113.00
Incoterms	FCA	Price 1	Price: USD 5526
Year of base price	2023		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Quality standard (Other)	ISO 9001:2008;ISO 14001
Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3		

VERIFICATION

Verification Laboratory	CHEARI	Address	#29 Xia Jie Street, Xuan Wu district Beijing 100053 R. P. de Chine China
Phone	+86 1063162443	Email	gongcx@cheari.com
Verification Report Reference	WB-16-153		

PRODUCT SITES

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

Current PQS status:	<i>Prequalified</i>	Valid until:	<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.