



E003: Refrigerators and freezers



Product name:	HTCD-160B
IMD-PQS Code:	E003-135e
Status:	Prequalified
Date of acceptance:	20 Nov 2023
Appliance type:	E003
Product description:	Solar direct drive combined refrigerator/freezer
Manufacturer:	Qingdao Haier Biomedical Co., Ltd
Manufacturers Reference:	HTCD-160B
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	External dimensions length (mm)	865.00
External dimensions width (mm)	825.00	External dimensions height (mm)	1695.00
Appliance tested at (°C)	43.00	Performance at" (°C)	43.00
Energy source	Solar direct drive		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator's gross volume (Litres)	40.000	Autonomy (hrs:mn)	139
Refrigerant type	R600a	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.00	Waterpack storage capacity (Litres)	22.40
------------------------------------------------	------	--------------------------------------------	-------

Comments	APPROVED EMS LEVEL 3 "1. Display: Solar LED Temperature Display 2. Low power consumption" For solar direct drive units, the correct sizing of the solar panel array for a specific site is complex Energy consumption, cool 1.1 Energy consumption during and critical. It must be agreed with both the appliance manufacturer and with the Qualified Supplier down test (kWh/24 hours): freezing: of the solar energy system at the time of ordering. Optional: Remote temperature monitoring device
List of accessories	2 shelves; 2 padlocks; Instruction manual; Water injection device; Water preservative
List of spare parts, Reference & Price	"2 No. Display-0274000357 1 No. Thermostat-0274000352 1 No. Fan Set Part-0274000351 1 No. Compressor BD-35K-0274000118A 1 No. Main Switch-0274000354B 1 No. Capacitor-0274000393 1 No. USB charging port-0274000389 2 No. Dry filter Part-0060703262 1 No. Thermo sensor-0274000358 1 No. Thermo sensor-0274000357A 1 No. Thermo sensor-0274000353 2 No. Sticker-0270501015 2 No. Indicator Part-0074000574 1 No. Compressor controller (E-Box) Part-0274000118FJ"

PRICE AND SHIPPING

Shipping volume (m3)	1.69	Shipping weight (kg)	186.00
Year of base price	2023		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2008
Specification Reference	Applicable PQS specification: E003/RF05.6 Applicable PQS VP(s): E004/RF05-VP.5		

VERIFICATION

Verification Laboratory	CHEARI	Address	#29 Xia Jie Street, Xuan Wu district Beijing 100053 R. P. de ChineChina
Telephone	+86 1063162443	Email	gongcx@cheari.com
Verification Report Reference	WB-23-0101		

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>
----------------------------	---------------------	---------------------	--------------------

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