



## E003: Refrigerators and freezers



|                                 |  |
|---------------------------------|--|
| <b>Product name:</b>            | HTC-120-SDD  |
| <b>IMD-PQS Code:</b>            | E003-116   |
| <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<br>Qingdao<br>Shandong<br>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 Dec 2025  |

## 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 |
|---------------------|-----|

|   |   |
|---|---|
| <b>Comments</b>                                   | 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<br>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   |
| <b>QUALITY STANDARD</b>              |   |                                 |  |
| <b>Quality Standard</b>              | Other   | <b>Quality standard (Other)</b> | ISO 9001:2008  |
| <b>Specification Reference</b>       | Applicable PQS specification:<br>Applicable PQS VP(s):              |                                 |  |
| <b>VERIFICATION</b>                  |   |                                 |  |
| <b>Verification Laboratory</b>       | CHEARI  | <b>Address</b>                  | #29 Xia Jie Street, Xuan Wu district Beijing 100053 R. P. de Chine China |
| <b>Phone</b>                         | +86 1063162443  | <b>Email</b>                    | gongcx@cheari.com  |
| <b>Verification Report Reference</b> | WB-19-474   |                                 |  |
| <b>PRODUCT SITES</b>                 |   |                                 |  |
| <b>Organization name</b>             | Qingdao Haier Biomedical Co., Ltd                                   |                                 |  |
| <b>Address</b>                       | No.280 Fengyuan Road High-tech Zone<br>Qingdao<br>Shandong<br>China |                                 |  |
| <b>Current PQS status:</b>           | <i>Prequalified</i>   | <b>Valid until:</b>             | <i>31 Dec 2025</i>   |

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.