



E003: Refrigerators and freezers



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|---------------------------------|--|
| Product name: | HBC-120 |
| IMD-PQS Code: | E003-114e |
| Status: | Prequalified |
| Date of acceptance: | 06 Sep 2020 |
| Appliance type: | E003 |
| Product description: | Icelined refrigerator |
| Manufacturer: | Qingdao Haier Biomedical Co., Ltd |
| Manufacturers Reference: | HBC-120 |
| 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

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|--|------------------------------------|---|------------------------|
| Climate zone | Hot | Minimum rated ambient temperature (°C) | 5.00 |
| Freeze protection | Grade A | External dimensions length (mm) | 1425.00 |
| External dimensions width (mm) | 829.00 | External dimensions height (mm) | 890.00 |
| Performance at" (°C) | 43.00 | Fuel and refrigeration cycle | Electric - compression |
| Energy source | Electric Mains 220-240V 50/60Hz | Lining | Ice-lined |
| Energy Consumption Intermittent Power (kWh/24h) | 0.2500 | Energy Consumption Cool Down (kWh/24h) | 0.3500 |
| Energy Consumption Continuous Power (kWh/24h) | 0.4000 | | |

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

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|---|---------|---|---------|
| Refrigerator vaccine storage capacity(L) | 100.000 | Refrigerator's gross volume (Litres) | 120.000 |
| Autonomy (hrs:mn) | 128.48 | Refrigerant type | R600a |
| Solar radiation ref period (kWh/m2/day) | 1.00 | | |

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

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|---------------------|-----|
| Freezer type | N/A |
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| Comments | APPROVED EMS LEVEL 3 Optional: Remote temperature monitoring device (Price not include: Voltage regulator); Range of holdover time: 101 - 250 hours Range vaccine storage capacity: 90L - 150L |
| List of accessories | Keys, Handle component, 30 days Data logger |
| List of spare parts, Reference & Price | Included in the UNICEF Supply Division spare parts kit: 1 No. Compressor-0060705994A 1 No. Fan 0274000542 1 No. Thermostat 0274000352A 1 No. Dry filter Part-0074180002A 1 No. Switch 0075050003 2 No. Indicator 0075050018 2 No. Displayer 0274000357 2 No. overload protector 0274300008B 1 No. Thermo sensor-0274000353 1 No. Thermo sensor-0274000358 1 No. Sticker-0270501015A Other parts are available as spares on request. |

PRICE AND SHIPPING

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| Shipping volume (m3) | 1.44 | Shipping weight (kg) | 160.00 |
|-----------------------------|------|-----------------------------|--------|

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| Incoterms | EXW | Price 1 | 1-100units USD 1800 |
| Price 2 | >100units USD 1785 | Year of base price | 2021 |

QUALITY STANDARD

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|--------------------------------|--|---------------------------------|---------------|
| Quality Standard | Other | Quality standard (Other) | ISO 9001:2008 |
| Specification Reference | Applicable PQS specification: E003/RF03.4 Applicable PQS VP(s): E003/RF03-VP.3 | | |

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-19-473 | | |

PRODUCT SITES

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

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|----------------------------|---------------------|---------------------|--------------------|
| 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.