# Professional Refrigerated Cabinet ErP Test Report

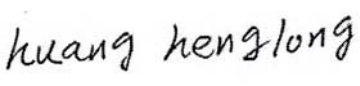
Test Laboratory Name / Address
Guangdong Xingxing Refrigeration Equipment Co., Ltd.
Nanbian Industrial Park, Leping,Sanshui, Foshan, Guangdong, China.
Applicant Name / Address
Guangdong Xingxing Refrigeration Equipment Co., Ltd.
Nanbian Industrial Park, Leping,Sanshui, Foshan, Guangdong, China.
Manufacturing Name / Address
Guangdong Xingxing Refrigeration Equipment Co., Ltd.
Nanbian Industrial Park, Leping,Sanshui, Foshan, Guangdong, China.

| | |
|---|---|
| Brand Name | U-STAR |
| Product | Professional refrigerated cabinet |
| Description | The product covered by this report is a Professional, indoor used, cord connected refrigerated cabinet. |
| Model(s) | GX-SNACK2100TN-HC |
| Model Similarity | N/A |
| Ratings | 220-240V~, 50Hz, 1.3A |
| Date of receipt of sample(s) | 2022/4/7 |
| Date range of test | 2022/4/8- 2022/4/13 |
| Test standard(s) or criteria(s) | (EU) 2015/1095 + (EU) 2016/2282;<br>(EU) 2015/1094 + (EU) 2017/254;<br>EN ISO 22041:2019 |
| Conclusion | These results are in compliance with the requirements of the EC regulation 2015/1095.<br>Energy efficiency class: C |

Prepared by: Yang Fulai

Signature: 

Approved by: Huang Henglong

Signature: 

**Photos:**

Photo 1 - Front view



Photo 2 - Rear view



Photo 3 - Front view with door open



Photo 4 - Label of compressor



**Product Details:**

| | |
|---|---|
| Model number of Unit Under Tested | GX-SANCK2100TN-HC |
| Condition of sample(s) | Prototype |
| Operating temperature(s) | ☑ Chilled |
| | ☐Frozen |
| | ☐Multi-use |
| Declared temperature class for multi-use compartment | N/A |
| M Package Temperature Class | M1 |
| Category | Counter |
| Number of doors | 2 |
| Duty | Normal |
| Refrigerant | R290 |
| Refrigerant GWP | 3 |
| Charge of refrigerant (g) | 52 |
| Overall dimensions (W*D*H)[mm] | 1360*600*850 |

**Critical Components:**

| Name | Manufacturer/trademark | Type/model | Technical data |
|---|---|---|---|
| Compressor | cubigel | NUM60CA1 | 220 - 240 V~, 50 Hz, R290 |

**Test Condition:**

| | |
|---|---|
| Dry Bulb | 30±1 ℃ |
| Relative humidity | 55±5% |
| Input Voltage | 230V |
| Input Frequency | 50Hz |

**Temperature and Volume Tests:**

| Temperature Class | Symbol | Temperature Test(℃) | | | Volume Test(L) |
|---|---|---|---|---|---|
| | | Temperature | Limit | Verdict | |
| Chilled | θah | 4.5 | ≤ 5 | Pass | 170 |
| | θb | 1.6 | ≥-1 | Pass | |
| | θal | -- | -- | N/A | |
| Frozen | θah | -- | -- | N/A | N/A |
| | θb | -- | -- | N/A | |
| | θal | -- | -- | N/A | |
| Multi-use | θah | -- | -- | N/A | N/A |
| | θb | -- | -- | N/A | |
| | θal | -- | -- | N/A | |

**Conclusion:**

| | |
|---|---|
| Net volume of the appliance(L) | 170 |
| Energy consumption 24h(kWh/24h) | 2.182 |
| Adjustment factor *af* | N/A |
| Annual Energy Consumption AEC(kWh/yr) | 797 |
| Standard Annual Energy Consumption SAEC((kWh/yr) | 2224 |
| Energy Efficiency Index EEI | 35.8 |
| Energy efficiency class | C |
| From 1 July 2019: EEI < 85, with the exception of heavy-duty cabinets and refrigerator-freezers | Pass |

**Revision Summary:**

| Date | Project Handler/ Reviewer | Item | Description of Change |
|---|---|---|---|
| | | | None |
| | | | |
| | | | |
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