**Type**

Ultra-low temperature freezer

**Additional Features**

Anti-vacuum

Automatic defrost

LCD color touchscreen

LED light

**Alarm Events**

Door open

Power failure

Sensor failure

Temperature deviations (high and low)

**Alarm Types**

Acoustic

Visual

**Ambient Operating Temperature Range**

5 °C to 30 °C

5 °C to 35 °C

**Certifications/Compliance**

ASTM D2247

BS EN 13523-5:2014

EN 13523-25:2022

EN 13523-26:2014

IEC 60079-0:2017

IEC 60079-1:2014

IEC 60335-1:2020

ISO 6270-1:2017

ISO 6270-2:2017

ISO 6272-1:2011

WHO PQS Code E003

WHO PQS Code E005

WHO PQS Code E006

**Grade**

Grade A

**Holdover Time at Maximum Temperature**

24 hours at +30°C

24 hours at +35°C

48 hours at +35°C

**Includes**

Electronic temperature controller

Electronic temperature recording device

Shelves

Temperature display panel

**Lifespan**

> 10 Years

**Power Protection & Backup**

Surge protection

Voltage regulator

**Power/Energy Requirement**

1000 W

1350 W

2000 W

**Power/Energy Source**

Mains power

**Security Systems**

Key access to doors

Key access to power off and on

Key access to power off and on.

Password access for calibration and temperature settings

**Storage Capacity**

Freezer ice-pack storage volume 100 L

Freezer ice-pack storage volume 200 L

Freezer ice-pack storage volume 25 L

Freezer storage volume 150 L

Freezer storage volume 2000 L

Freezer storage volume 600 L

Freezer storage volume 850 L

**Storage Systems**

Shelves

**Temperature Control Accuracy**

0.1 °C

**Temperature Control Range**

-20°C to -40°C

-40°C to -80°C

-50°C to -80°C

-50°C to -86°C

0°C to -40°C

**Temperature Monitoring & Controls**

Data logging

Internal digital display unit

Monitoring and display accuracy 0.1 C