

# -40°C Ultra-low Temperature Freezer

*Compressor Supplied by a Famous International Brand*

*One-key Fast Cooling*



## LT40-360C

### Refrigeration System

- The Freon-free refrigerant, compressor supplied by an international famous brand and EBM fan can guarantee fast cooling and are energy-saving and environmentally friendly;
- The CFC-free Polyurethane foaming technology can ensure great thermal insulation performance.

### Temperature Control System

The high-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.

### People-oriented Design

- The high-quality steel plate structure, corrosion-resistant phosphate coating and stainless steel liner are low temperature tolerant and corrosion-resistant.;
- The low noise design can create a comfortable work environment.





### Temperature Control System

- High precision microcomputer temperature control, more accurate;
- Chamber temperature can be set within a range from -20 to -40°C;
- High-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.



### Refrigeration System

- HCFC-free refrigerant, compressor supplied by Secop (previously Danfoss) and EBM fan can guarantee fast cooling and are energy-saving and environmentally friendly;
- CFC free polyurethane foaming technology, perfect insulation performance. Hot gas surrounding line to prevent from condensation.



### Security System

- The start delay and stopping interval protection function can ensure reliable operation;
- The well-developed security system with multiple audible & visual alarm function: sensor failure alarm, high & low temperature alarm, power failure alarm, low battery alarm, door open alarm and condenser overheated alarm to ensure the safety sample storage;
- Door with key lock to prevent opening without permission.
- 72 hours back-up battery for display and alarms system during power failure for supportive safety notification.



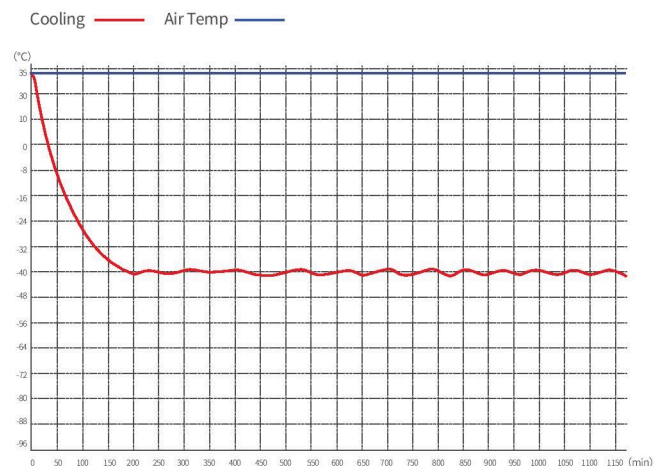
### Human-oriented

- The design of upward door opening and the balancing door hinge facilitate door opening;
- High quality phosphate steel structural coating, stainless steel lining and easy cleaning, low noise design, 4 universal casters for easy movement, equipped with door locks to ensure sample safety.

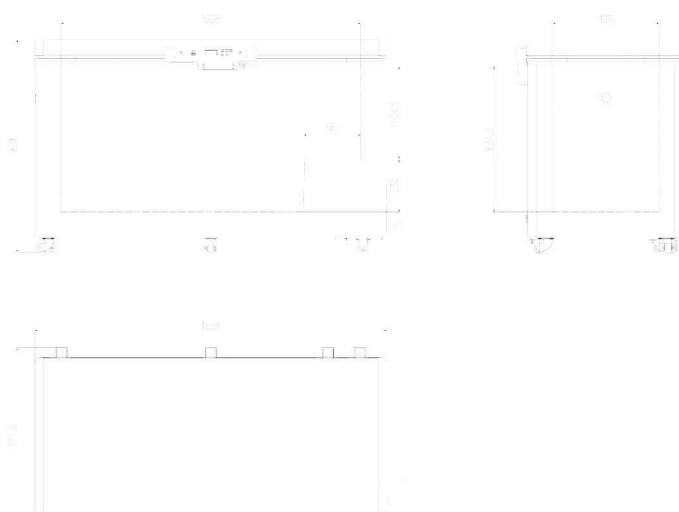
## ✓ Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

## 🔗 Performance Data / Cooling Curve



## 📐 External Dimensions



| -40°C Ultra-low Temperature Freezer  |                                      |
|--------------------------------------|--------------------------------------|
| Model                                | LT40-360C                            |
| Cabinet Type                         | Chest                                |
| Capacity(L)                          | 360                                  |
| Internal Size(W*D*H)mm               | 1308*465*651                         |
| External Size(W*D*H)mm               | 1534*775*929                         |
| Package Size(W*D*H)mm                | 1638*815*970                         |
| NW/GW(Kgs)                           | 98/106                               |
| Performance                          |                                      |
| Temperature Range                    | -20~-40°C                            |
| Ambient Temperature                  | 16-32°C                              |
| Cooling Performance                  | -40°C                                |
| Climate Class                        | N                                    |
| Controller                           | Microprocessor                       |
| Display                              | LED                                  |
| Refrigeration                        |                                      |
| Compressor                           | 1pc                                  |
| Cooling Method                       | Direct cooling                       |
| Defrost Mode                         | Manual                               |
| Refrigerant                          | R290                                 |
| Insulation Thickness(mm)             | 110                                  |
| Construction                         |                                      |
| External Material                    | Spray cold rolled steel plate        |
| Inner Material                       | Stainless steel                      |
| Coated Hanging Basket                | 1                                    |
| Door Lock with Key                   | Yes                                  |
| Access Port                          | 1pc. Ø 25 mm                         |
| Casters                              | 4                                    |
| Data Logging/Interval/Recording Time | USB/Record every 10 minute / 2 years |
| Backup Battery                       | Yes                                  |
| Alarm                                |                                      |
| Temperature                          | High/Low temperature                 |
| Electrical                           | Power failure                        |
| System                               | Sensor error                         |
| Electrical                           |                                      |
| Power Supply(V/HZ)                   | 220/50                               |
| Rated Power(W)                       | 269                                  |
| Input Power(W)                       | 360                                  |
| Power Consumption(KWh/24h)           | 3.88                                 |
| Rated Current(A)                     | 1.63                                 |

\*The model, parameters and performance specified in this brochure may be changed without prior notice because of product upgrading.

\*There may be differences between the product images shown in this brochure and the actual products. When you are buying any product, please check the actual product.