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# **ZDF-100 ABA**

**ULTRA LOW-TEMPERATURE  
FREEZER**

# Ultra Low-Temperature Freezer

## ZDF-100 ABA

ZDF-100 ABA is ideal for long term preservation of virus, germs, vaccines, biological tissues and organs, special food, medicines, reagents etc.

### Box

The box is made of high quality cold rolled steel plate, and the surface is treated with advance anti-corrosion phosphatic spraying process with elegant orange powder coating. High-class 304 SUS inner box, durable and reliable.

### Temperature control mode

- With the international famous brand computer temperature control system to keep the inner temperature accurate and stable. Temperature adjusted from  $-40^{\circ}\text{C}$  ~  $-86^{\circ}\text{C}$
- High light digital display
- High/low temperature alarm, the alarm temperature can be set as needed
- Platinum resistance temperature sensor, sensing temperature accurately

### Features

- Safety door lock design to prevent abnormal door open
- Wide voltage for AC198V-AC242V
- Mute design for salient needed environment
- Digital display with big screen, easy to check
- Excellent thermal insulation performance with silicone door seal design (second door seal optional)
- Mobile and fixable wheel for move

### Security guarantee

- Temperature high/low alarm, sensor malfunction alarm
- Audible and visible alarm
- Keyboard lockable, password protection to prevent change running parameter randomly
- Display running parameter with real-time monitoring to guarantee the stability of freezer

### Refrigeration system

- Imported brand compressor work with Mixed refrigerant
- High density insulation foam layer with better heat preservation effect
- Optimized self-cascade refrigeration system to provide faster cooling speed with lower power consumption



## Specifications

## ZDF-100 ABA

Capacity (L)	105
Temperature Range	-40~86°C
Ambient Temperature	+10~+32°C
Cabinet Type	Horizontal
Controller	Microprocessor
Display	Digital Display
Compressor	1
Refrigerant	Mixed
Cooling Type	Direct Cooling
Defrost Type	Manual
Power Supply (V/Hz)	187~242/50~60; 115/60
Rated Power (W)	455
Electrical Current (A)	2.2
Power Consumption	3.8 kWh/24h
Alarms	High/Low Temperature Sensor Error Controller Error
Interior Size (WxDxH)	480×380×665mm
Exterior Size (WxDxH)	680×580×935mm
Package Size (WxDxH)	770×705×1090mm
Net Weight/ Gross Weight	42/45kg
Loading Quantity (20'/40'/40'H)	48/102/102

## Accessories

### Specifications

### ZDF-100 ABA

Caster	Y
Temp. Recorder	Optional
Test hole/ Diameter	1/25MM