## -25°C Deep Freezer

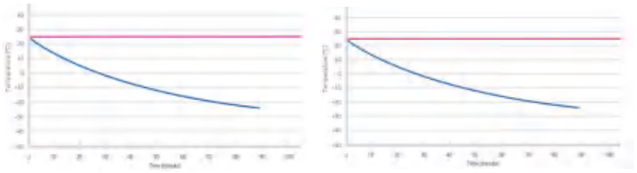
The MDF-25V529/359 Medical Deep Freezer (-10 ° C to -25 ° C) is widely used in hospitals, blood banks, and laboratories for the reliable storage of temperature-sensitive materials. It features a dual-chamber design with independent temperature control, dual digital displays, two separate control systems, and individual compressors with dedicated refrigeration circuits. Each chamber operates independently, allowing flexible temperature settings to meet diverse storage needs.



MDF-25V528/358

MDF-25V528
Cooling at ambient temp. 25°C

MDF-25V358
Cooling at ambient temp. 25°C




## Product Advantages

**Dual-Chamber Design**
Two independent compartments

**Duel Compressor and Refrigeration System**
Dedicated compressor and cooling circuit for each chamber

**Independent Temperature Control**
Each with range of -10°C to -25°C

**USB Interface**
10-years of data available for export

**Lockable Doors**
Standard locks & padlocks

**Large LED Displays**
Easy to operate with integrated USB interface for data access

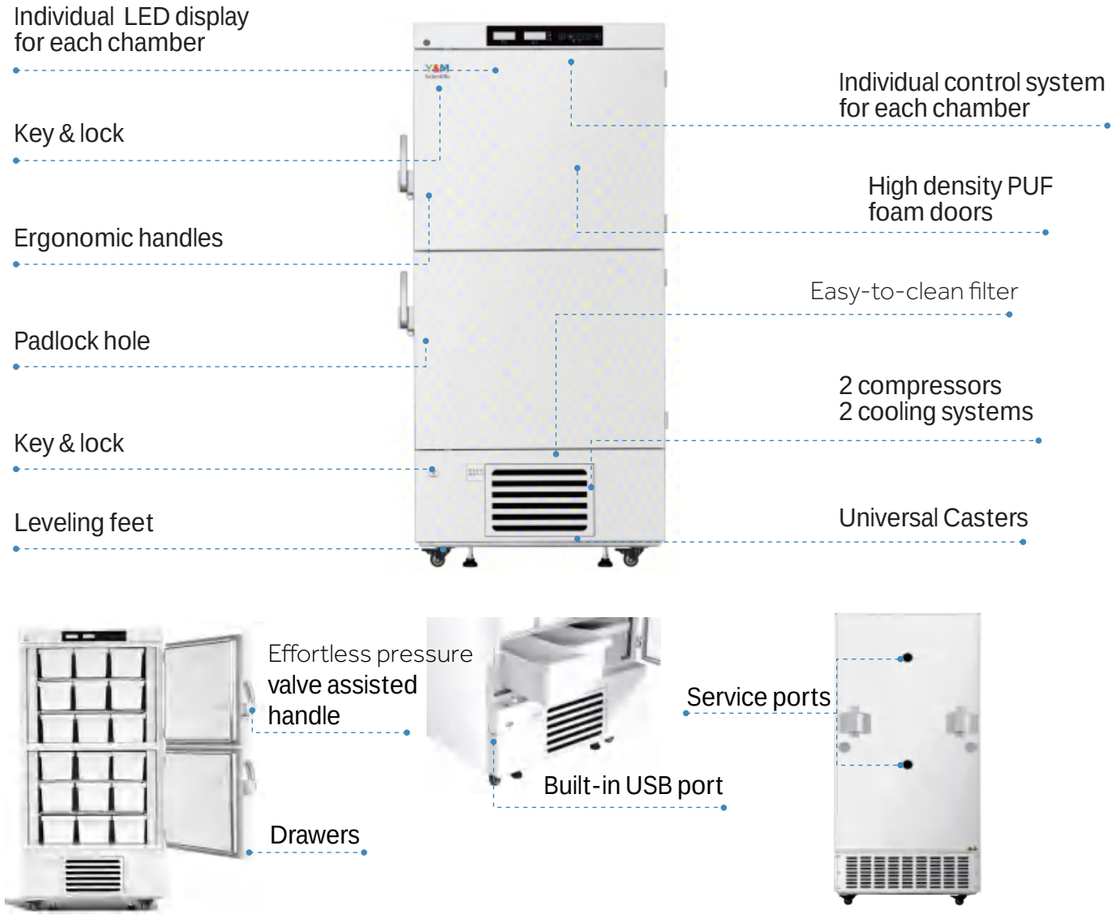
**Precise Temp. Control**
Temp. control accurate to ±0.1°C

**6 Types of Alarm**
Audible and visual

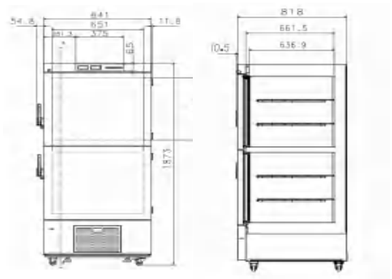
**Adjustable Interior Space**
Adjustable shelves and drawers

**Eco-friendly Design**
CFC-free refrigerant and energy-saving

## Internal Structure




## Product Dimensions



MDF-25V528

## -25°C Deep Freezer

### Product Parameters

| Model | | MDF-25V528 | MDF-25V358 | MDF-25V328E | MDF-25V268E | MDF-25V278W | MDF-25V100 |
|---|---|---|---|---|---|---|---|
| Specifications | Shelf (Drawer) | Shelves/4 Drawers/18 | Shelves/4 Drawers/12 | Shelves/4 | Shelves/3 | Drawers/7 | Shelves and drawers |
| | Cooling Method | Direct cooling | Direct cooling | Direct cooling | Direct cooling | Direct cooling | Direct cooling |
| | Defrost | Manual | Manual | Manual | Manual | Manual | Manual |
| | Refrigerant Type | R290 | R290 | R290 | R290 | R290 | R600a |
| | Refrigerant Weight (g) | 58 each | / | 60 | 60 | 54 | / |
| | Power Consumption (kWh/24h) | 3.35 | 5.5 | 1.7 | 1.52 | 2.45 | 0.95 |
| | Noise (dbA) | 55 | 49 | 46 | 46 | 46 | 50 |
| | Ambient Temperature (°C) | 10~32 | 10~32 | 10~32 | 10~32 | 10~32 | 10~32 |
| | Temperature Range (°C) | 10 ~-25 | -10~-25 | -10~-25 | -10~-25 | -10~-25 | -10~-25 |
| Cooling System | Compressor Brand/Quantity | MEIZHI/2 | CUBIGEL/2 | CUBIGELN/1 | CUBIGELN/1 | DONPERN/1 | KY55C45G |
| | Sensor | NTC | NTC | NTC | NTC | NTC | NTC |
| | Temperature Controller | Microprocessor | Microprocessor | Microprocessor | Microprocessor | Microprocessor | Microprocessor |
| | Display | Digital display | Digital | Digital | Digital | Digital | Digital |
| Power | Voltage/Frequency (V/Hz) | 220/50Hz | 220/50Hz | 220/50Hz | 220/50Hz | 220/50Hz | 220/50Hz |
| | Power (W) | 258 | 310 | 218 | 215 | 195 | 73 |
| | Current (A) | 1.7 | 3 | 1.59 | 1.63 | 1.58 | 0.7 |
| Material | Internal Material | Powder coated steel | Powder coated steel | Powder coated steel | Powder coated steel | Powder coated steel | HIPS |
| | External Material | Powder coated steel | Powder coated steel | Powder coated steel | Powder coated steel | Powder coated steel | Powder coated steel |
| | Insulation | PUF | PUF | PUF | PUF | PUF | PUF |
| Size | Capacity (L/Cu. Ft) | 528/18.64 | 358/12.6 | 328/11.58 | 268/9.46 | 278/9.81 | 100/3.53 |
| | NT./GT. (kg) | 160/180 | 138/178 | 104/126 | 92/114 | 105/115 | 32kg/43kg |
| | Exterior Size (W×D×H)(mm) | 900×818×1875 | 720×830×1870 | 673×676×1886 | 673×676×1620 | 659×600×1694 | 540×553×877 |
| | Interior Size (W×D×H)(mm) | (651×631.5×635)×2 | 466×636×625 | 508×455×1393 | 508×455×1137 | 480×415×1460 | 410×410×670 |
| | Package Size (W×D×H)(mm) | 980×930×2020 | 920×790×1980 | 760×760×2020 | 755×755×1750 | 710×660×1790 | 640×650×1100 |
| | CBM ($m^3$) | 1.84 | 1.44 | 1.17 | 1.00 | 0.84 | 0.46 |
| | 20GP/40GP/40HQ | 12/ 24/24 | 18/39/39 | 21/48 /48 | 21/45/45 | 24/51/51 | 54/120/120 |
| Alarm | High/low Temperature | Y | Y | Y | Y | Y | Y |
| | Power Off | Y | Y | Y | Y | / | Y |
| | Sensor Malfunction | Y | Y | Y | Y | Y | Y |
| | Ambient Temperature (°C) | Y | Y | / | / | / | / |
| | Abnormal Voltage | / | / | / | / | / | / |
| | Low Battery | Optional (Free) | Optional (Free) | / | / | / | / |
| | Temperature Controller Malfunction | Y | Y | Y | Y | Y | Y |
| | Door Ajar | Y | Y | Y | Y | Y | Y |
| | Power Failure Alarm (For controller) | 8H | 8H | 8H | 8H | / | 8H |
| Accessories | Caster | Y | Y | Y | Y | Y | / |
| | Test Hole | 2/25MM | 2/25MM | 1/25MM | 1/25MM | 1/25MM | / |
| | USB Port | Y | Y | Optional | Optional | / | / |
| | Data Logger | Optional | Optional | Optional | Optional | Optional | Optional |
| | Remote Alarm | Optional (Free) | Optional (Free) | Optional (Free) | Optional (Free) | / | / |
| Other | Certifications | ISO 9001/13485/ 14001/45001 CE | ISO 9001/13485/ 14001/45005 CE | ISO 9001/13485/ 14001/45004 CE | ISO 9001/13485/ 14001/45002 CE | ISO 9001/13485/ 14001/45003 CE | ISO 9001/13485/ 14001/45001 CE |