Technology Safeguards Life And Health

ZMADE

CATALOG



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Jiangsu Zmade Refrigeration Technology Co.,LTD

ZMADE

Technology Safeguards Life And Health

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COMPANY PROFILE

2017 Established | **10** Years Persevering in cultivation | **10000+** ㎡ Building area





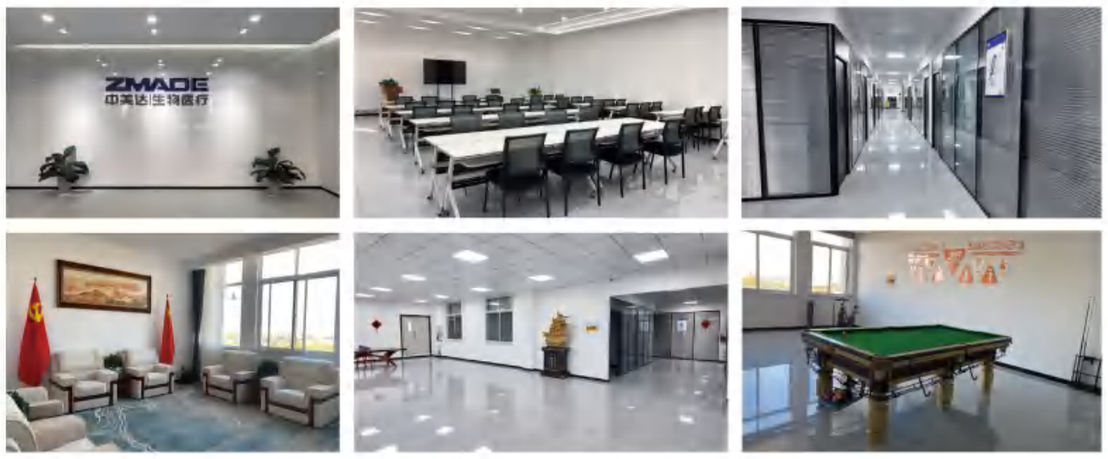
ZMADE is a brand under Jiangsu Zmade Refrigeration Technology Co., LTD. Guided by the mission of "Technology Safeguards Life and Health," it is committed to the research and development and production of Medical Refrigerators, Warming Cabinets, Constant Temperature Cabinets, Ultra-low Temperature Freezers, and Refrigerator-freezer Combination to meet the needs of pharmacies, hospitals, operating rooms, laboratories, and other scenarios.

◎ZMADE provides comprehensive ODM/OEM solutions and has obtained quality system certifications including CE, ISO9001, ISO13485, ISO14001, and ISO45001.

◎Equipped with a complete suite of type test laboratory to ensure product design, performance, and safety.

◎ZMADE's products and solutions have been adopted in over 90 countries and regions worldwide, with more than 200 overseas distribution networks established and continuing to expand.

Company Environment



Production workshop



Corporate Honors





20~55℃
WARMING CABINET

Application

This product is designed for maintaining a constant temperature for items in laboratories, hospitals, pharmacies, operating rooms, and biopharmaceutical facilities.

Product Advantages

Microcomputer Temperature Control System

1. High-precision microcomputer temperature control system with built-in multi-channel sensors, allowing for precise adjustment and control in 1°C increments to ensure safe and stable operation;
2. Blue digital temperature display with a soft,easy-on-the-eyes design and a thin-film panel, featuring a display accuracy of 0.1°C;
3. Forced-circulation system for rapid heating and uniform, stable temperature distribution inside the chamber;
4. Ceramic PTC constant-temperature heater with low power consumption and a long service life.



JW-150A

User-Friendly Design

1. The cabinet is constructed using high-density polyurethane foam, making it lightweight and providing excellent thermal insulation;
2. Features a new airflow design with independent air ducts and multiple air inlets to ensure more uniform temperature distribution inside the cabinet;
3. Equipped with a safety lock to prevent unauthorized access, ensuring secure storage;
4. The interior features LED lighting with low power consumption and high brightness, providing clear visibility inside the cabinet;
5. The cabinet door is a foam-insulated door with three layers of laminated tempered glass, offering excellent thermal insulation and high transparency;
6. Suitable for high-temperature and high-humidity regions; the outer door incorporates anti-condensation technology, preventing condensation at 85% humidity;
7. Multiple adjustable stainless steel shelves allow for flexible height adjustment.

Safety Control System

1. Dual audio-visual alarm system: audible buzzer alarm and flashing light alarm; multiple fault alarms: high/low temperature alarms, sensor failure alarms, and power failure alarms;
2. Safety protection features: mechanical overload protection, safe operation mode in case of sensor failure, and password protection for the administrator menu.



Product Parameters

Model	Capacity (L)	Temperature Range	External Dimensions (W*D*H)mm	Power(W)	NW(Kgs)
JW-100A	100	20~55°C	595*470*965	130	40
JW-150A	150	20~55°C	595*570*965	135	45
JW-280A	280	20~55°C	590*570*1545	600	68



2~48℃
CONSTANT TEMPERATURE CABINET

Application

This product is designed for maintaining a constant temperature for items in laboratories, hospitals, pharmacies, operating rooms, and biopharmaceutical facilities.

Product Advantages

Temperature Control System

1. High-precision microcomputer temperature control system with built-in multi-channel sensors, allowing for precise adjustment and
control in 1°C increments to ensure safe and stable operation;
2. Blue digital temperature display with a softer visual appearance and a membrane panel design, offering a display accuracy of 0.1°C;
3. Forced air-cooling circulation system for rapid cooling or heating, ensuring uniform and stable internal temperatures;
4. Ceramic PTC constant-temperature heater with low power consumption and a long service life;
5. Brand-name high-efficiency compressor using CFC-free, eco-friendly refrigerant for energy efficiency, high performance, and quiet operation;
6. Air-cooled high-efficiency electrophoretic condenser, finned evaporator, and high-power DC fan for rapid cooling.



HW-280A

Safety Control System

1. Dual audio-visual alarm system: audible buzzer alarm and flashing light alarm; multiple fault alarms: high/low temperature alarms, sensor failure alarms, and power failure alarms;
2. Safety protection features: mechanical overload protection, safe operation mode in case of sensor failure, and password protection for the administrator menu.



User-Friendly Design

1. The cabinet is made of high-density polyurethane foam, which is lightweight and has excellent thermal insulation performance.
2. It adopts a new air duct design with an independent condensation air duct and multi-hole air intake to ensure more uniform temperature inside the cabinet.
3. The safety door lock design prevents unauthorized opening and makes storage safer.
4. The cabinet is made of high-quality steel plate with a spray coating, and the interior is made of 304 stainless steel. The shelves are adjustable to accommodate different items. The cabinet has internal LED lighting for easy observation of stored items at night.
5. Triple-layer high-strength hollow glass provides excellent thermal insulation and high transparency.
6. Suitable for high-temperature and high-humidity areas, the application of anti-condensation technology on the outer door ensures no condensation at 85% humidity.
7. Multi-layer movable stainless steel shelves are height-adjustable.
8. Condensation evaporates automatically, eliminating the hassle of manual condensation treatment.

Product Parameters

Model	Capacity (L)	Temperature Range	External Dimensions (W*D*H)mm	Power(W)	NW(Kgs)
HW-100A	100	2~48°C	595*470*965	130	49
HW-150A	150	2~48°C	595*570*965	135	53
HW-280A	280	2~48°C	590*570*1545	450	75



2~48℃
OPERATING ROOM WARMER

Product Advantages

Microcomputer Temperature Control System

1. High-precision microcomputer temperature control system with built-in multi-channel sensors, allowing for precise adjustment and control in 1°C increments to ensure safe and stable operation;
2. Blue digital temperature display with a softer visual appearance and a membrane panel design, offering a display accuracy of 0.1°C;
3. Forced air-cooling circulation system for rapid cooling or heating, ensuring uniform and stable internal temperatures;
4. Ceramic PTC constant-temperature heater with low power consumption and a long service life;
5. Brand-name high-efficiency compressor using CFC-free, eco-friendly refrigerant for energy efficiency, high performance, and quiet operation;
6. Air-cooled high-efficiency electrophoretic condenser, finned evaporator, and high-power DC fan for rapid cooling.



Safety Control System

1. Dual audio-visual alarm system: audible buzzer alarm and flashing light alarm; multiple fault alarms: high/low temperature alarms, sensor failure alarms, and power failure alarms;
2. Safety protection features: mechanical overload protection, safe operation mode in case of sensor failure, and password protection for the administrator menu.

User-Friendly Design

1. The cabinet is made of high-density polyurethane foam, which is lightweight and has excellent thermal insulation performance.
2. It adopts a new air duct design with an independent condensation air duct and multi-hole air intake to ensure more uniform temperature inside the cabinet.
3. The safety door lock design prevents unauthorized opening and makes storage safer.
4. The cabinet is made of high-quality steel plate with a spray coating, and the interior is made of 304 stainless steel. The shelves are adjustable to accommodate different items. The cabinet has internal LED lighting for easy observation of stored items at night.
5. Triple-layer high-strength hollow glass provides excellent thermal insulation and high transparency.
6. Suitable for high-temperature and high-humidity areas, the application of anti-condensation technology on the outer door ensures no condensation at 85% humidity.
7. Multi-layer movable stainless steel shelves are height-adjustable.
8. Condensation evaporates automatically, eliminating the hassle of manual condensation treatment.

Product Parameters

Model	Capacity (L)	Temperature Range	External Dimensions (W*D*H)mm	Power(W)	NW(Kgs)
HW-100A	100	2~48°C	595*470*965	130	49
HW-150A	150	2~48°C	595*570*965	135	53
HW-280A	280	2~48°C	595*570*1545	450	75

2~8℃
OPERATING ROOM COOLER CABINET

Product Advantages



Microcomputer Temperature Control System

1. High-precision microcomputer temperature control system with built-in multi-channel sensors, adjustable and controllable in 1° increments, ensuring safe and stable operation;
2. Blue digital temperature display with softer visual readability, membrane panel design, and 0.1°C display accuracy;
3. Forced air cooling circulation system for rapid cooling and uniform, stable internal temperature distribution;
4. Brand-name high-efficiency compressor with fluorine-free, eco-friendly refrigerant for energy efficiency and quiet operation;
5. Air-cooled high-efficiency electrophoretic condenser, finned evaporator, and high-power DC fan for rapid refrigeration.

Safety Control System

1. Dual audio-visual alarm modes: audible buzzer alarm and flashing light alarm; multiple fault alarms: high/low temperature alarm, sensor failure alarm, power failure alarm;
2. Safety protection features: power-on delay, sensor failure safe operation mode, administrator menu password protection.

User-Friendly Design

1. The cabinet is constructed using high-density polyurethane foam, making it lightweight and providing excellent thermal insulation;
2. Features a new airflow design with independent air ducts and multiple air inlets to ensure more uniform temperature distribution inside the cabinet;
3. Equipped with a safety lock to prevent unauthorized access, ensuring secure storage;
4. The interior features LED lighting with low power consumption and high brightness, providing clear visibility inside the cabinet;
5. The cabinet door is a foam-insulated door with three layers of laminated tempered glass, offering excellent thermal insulation and high transparency;
6. Suitable for high-temperature and high-humidity regions; the outer door incorporates anti-condensation technology, preventing condensation at 85% humidity;
7. Multiple adjustable stainless steel shelves allow for flexible height adjustment.

Product Parameters

Model	Capacity (L)	Temperature Range	External Dimensions (W*D*H)mm	Power(W)	NW(Kgs)
BL-100A	100	2~8°C	595*470*965	160	48
BL-150A	150	2~8°C	595*570*965	170	52
BL-280A	280	2~8°C	595*570*1545	240	74

20 ~ 55℃
OPERATING ROOM WARMER

Product Advantages



Microcomputer Temperature Control System

1. High-precision microcomputer temperature control system with built-in multi-channel sensors, allowing for precise adjustment and control in 1°C increments to ensure safe and stable operation;
2. Blue digital temperature display with a soft, easy-on-the-eyes design and a thin-film panel, featuring a display accuracy of 0.1°C;
3. Forced-circulation system for rapid heating and uniform, stable temperature distribution inside the chamber;
4. Ceramic PTC constant-temperature heater with low power consumption and a long service life.

Safety Control System

1. Dual audio-visual alarm system: audible buzzer alarm and flashing light alarm; multiple fault alarms: high/low temperature alarms, sensor failure alarms, and power failure alarms;
2. Safety protection features: mechanical overload protection, safe operation mode in case of sensor failure, and password protection for the administrator menu.

User-Friendly Design

1. The cabinet is constructed using high-density polyurethane foam, making it lightweight and providing excellent thermal insulation;
2. Features a new airflow design with independent air ducts and multiple air inlets to ensure more uniform temperature distribution inside the cabinet;
3. Equipped with a safety lock to prevent unauthorized access, ensuring secure storage;
4. The interior features LED lighting with low power consumption and high brightness, providing clear visibility inside the cabinet;
5. The cabinet door is a foam-insulated door with three layers of laminated tempered glass, offering excellent thermal insulation and high transparency;
6. Suitable for high-temperature and high-humidity regions; the outer door incorporates anti-condensation technology, preventing condensation at 85% humidity;
7. Multiple adjustable stainless steel shelves allow for flexible height adjustment.

Product Parameters

Model	Capacity (L)	Temperature Range	External Dimensions (W*D*H)mm	Power(W)	NW(Kgs)
JW-100A	100	20~55°C	595*470*965	130	40
JW-150A	150	20~55°C	595*570*965	135	45
JW-280A	280	20~55°C	595*570*1545	600	68

0 ~ 100℃
OPERATING ROOM WARMER

Product Advantages



Microcomputer Temperature Control System

1. High-precision microcomputer temperature control system with built-in multi-channel sensors, allowing for precise adjustment and control in 1°C increments to ensure safe and stable operation;
2. Blue digital temperature display with a softer visual appearance and a membrane panel design, offering a display accuracy of 0.1°C;
3. Forced air-cooling circulation system for rapid cooling or heating, ensuring uniform and stable internal temperatures;
4. Ceramic PTC constant-temperature heater with low power consumption and a long service life;
5. Brand-name high-efficiency compressor using CFC-free, eco-friendly refrigerant for energy efficiency, high performance, and quiet operation;
6. Air-cooled high-efficiency electrophoretic condenser, finned evaporator, and high-power DC fan for rapid cooling.

Safety Control System

1. Dual audio-visual alarm system: audible buzzer alarm and flashing light alarm; multiple fault alarms: high/low temperature alarms, sensor failure alarms, and power failure alarms;
2. Safety protection features: mechanical overload protection, safe operation mode in case of sensor failure, and password protection for the administrator menu.

User-Friendly Design

1. The cabinet is made of high-density polyurethane foam, which is lightweight and has excellent thermal insulation performance.
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4. The cabinet is made of high-quality steel plate with a spray coating, and the interior is made of 304 stainless steel. The shelves are adjustable to accommodate different items. The cabinet has internal LED lighting for easy observation of stored items at night.
5. Triple-layer high-strength hollow glass provides excellent thermal insulation and high transparency.
6. Suitable for high-temperature and high-humidity areas, the application of anti-condensation technology on the outer door ensures no condensation at 85% humidity.
7. Multi-layer movable stainless steel shelves are height-adjustable.
8. Condensation evaporates automatically, eliminating the hassle of manual condensation treatment.

Product Parameters

Model	Capacity (L)	Temperature Range	External Dimensions (W*D*H)mm	Power(W)	NW(Kgs)
HW-101A	100	0~100°C	595*470*965	600	49
HW-151A	150	0~100°C	595*570*965	600	53
HW-281A	280	0~100°C	595*570*1545	900	75



2-8℃/8-20℃
PHARMACY REFRIGERATOR

Application

Suitable for storing biological products, vaccines, pharmaceuticals, and other items. Ideal for pharmacies, pharmaceutical manufacturers, clinics, hospitals, disease control centers, blood banks, laboratories, and similar facilities.



Precise Temperature Control
Digital temperature/humidity
display Resolution 0.1℃

Security Door Lock
Prevent random open

Security System
High/Low temperature alarm
Sensor fault alarm
Power on/Light on delay protection

LED Lighting
Energy saving and enviroriment friendly

USB Data Output
Automatically record temperature
and humidityExport recorded data

Multi-layer Shelves, Glass Doors
Space are fully used
The items in the box are clear at a glance

Castor Design
Machine can be moved easily
Castors can be locked easily







Intelligent Temperature Control System

Digital microcomputer control, digital display of temperature and humidity, display accuracy +-0.1 C;
Adjustable temperature, temperature difference between start and stop can be set.Built-in clock, power-off setting memory function
Intelligent humidity control, automatic adjustment of the humidity,
High/Low temperature alarm function, alarm temperature can be set.

Humanized Design

Security door lock, prevent random opening:
Wide voltage, suitable for 187~242V voltage;
LOW-E coated glass, good anti-condensation effect;
Shelves with label strips, easily for users to mark and store medicines, shelf height is adjustable;
Condensed water evaporates automatically ,no need pouring water.

Refrigeration System

Well-known brand compressor, stable and reliable performance, long service life; high-power fan, shock-absorbing cotton, stable and long-lasting performance, low noise, finned evaporator, high-efficiency air-cooled condenser, rapid cooling;
Fluorine-free environment friendly refrigerant.

Security System

Multiple fault alarms: High/Lowtemperature alarm, sensor fault alarm, door opening alarms (optional), power failure alarm (optional)
Multiple alarm modes: Buzzer /Code flashing alarm:
Multiple protection functions: Power on/Light on delay protection,shutdown interval delay protection, memory start andstopprotection.



Product Parameters

Model	Capacity (L)	Temperature Range	External Size (W*D*H)mm	Internal Size (W*D*H)mm	Power(W)	NW(Kgs)
YC-90	90	2~8°C/8~20°C	595*470*900	515*330*630	130	39
YC-150	150	2~8°C/8~20°C	590*500*1250	510*390*655	160	40
YC-260	260	2~8°C/8~20°C	590*500*1700	510*390*1100	230	52
YC-400	400	2~8°C/8~20°C	610*650*1920	520*505*1460	235	64
YC-600	600	2~8°C/8~20°C	900*650*1920	810*505*1460	280	75
YC-800	800	2~8°C/8~20°C	1210*650*1920	1120*505*1460	290	120
YC-1200	1200	2~8°C/8~20°C	1810*650*1920	1720*505*1460	450	220

REFRIGERATOR-FREEZER COMBINATION

Application

Used for storing vaccines, pharmaceuticals, and various biological agents. Suitable for disease control centers, clinics, hospitals, laboratories, and research institutions.



YCD-328

Microcomputer Temperature Control System

1. Microcomputer digital control with digital temperature display, adjustable in 0.1°C increments;
2. Adjustable internal temperatures: Refrigerator compartment 2°C to 8°C; Freezer compartment -10°C to -25°C; Refrigerator compartment features professional air-cooling design with branded fan;
3. Programmable start/stop temperature differential;
4. High/low temperature alarm function with customizable alarm thresholds;
5. Automatically logs up to 400,000 temperature data points. Data export via USB supports PDF and TXT formats, with selectable export months.

Safety System

1. Equipped with a comprehensive alarm system featuring audible buzzer alerts and flashing light indicators;
2. Capable of triggering high/low temperature alarms, sensor failure alerts, door-open warnings, and power failure notifications;
Multiple protection functions (frequent start protection, refrigeration system operation maintained during sensor malfunctions)

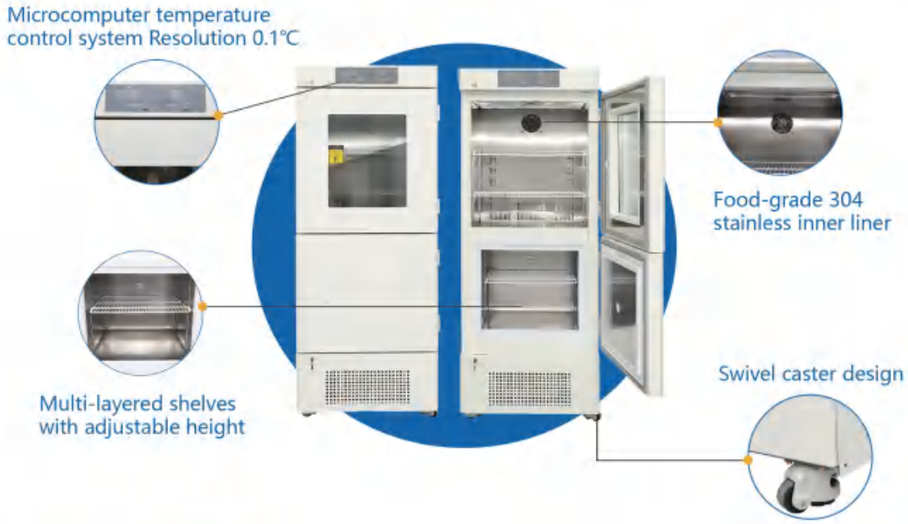
Refrigeration System

1. Extra-thick foam insulation layer effectively maintains internal temperature;
2. Premium compressor delivers powerful and efficient cooling performance;
3. Optimized evaporator design ensures efficient refrigerant circulation for superior temperature uniformity;
4. Unique fluorine-free eco-friendly refrigerant;
5. Dual compressor system with independent operation for refrigerator and freezer compartments, guaranteeing temperature performance;
6. Premium quiet fan for stable, long-lasting performance and low noise.

User-Friendly Design

1. Built-in stainless steel shelves for flexible use and easy cleaning;
2. Food-grade stainless steel inner tank, rust-proof and safe;
3. Heavy-duty casters for effortless mobility;
4. Safety door lock prevents accidental opening;
5. Top-mounted control panel for convenient operation;
6. LED temperature display for clear, intuitive monitoring;
7. Suitable for environments between 10°C and 32°C;
8. Wide voltage range design compatible with 187V to 242V AC.





Product Parameters

Model	Capacity (L)	Temperature Range	External Size (W*D*H)mm	Internal Size (W*D*H)mm	Power(W)	NW(Kgs)
YCD-25V215	215	2~8℃/-10~-25℃	540*595*1745	450*595*780 410*420*670	150	75
YCD-300	300	2~8℃/-10~-25℃	600*609*1750	516*498*730 458*469*356	300	132
YCD-328	328	2~8℃/-10~-25℃	650*700*1885	600*470*690 500*470*430	400	200



-86℃
Ultra-Low Temperature Freezer

Application

For use in research institutions, cryogenic experiments involving special materials, the electronics industry, the chemical industry, the defense sector, university laboratories, bioengineering, and deep-sea fishing.



DW-25L318

Microcomputer Temperature Control System

1. Microcomputer digital control with digital temperature display, adjustable in 0.1°C increments;
2. Programmable start/stop temperature differential;
3. High/low temperature alarm function with customizable alarm thresholds;
4. Automatically records up to 400,000 temperature data points. Data export via USB supports PDF and TXT formats, with selectable export months.



Safety System

1. Equipped with a comprehensive alarm system featuring audible buzzer alerts and flashing light indicators;
2. Capable of triggering high/low temperature alarms, sensor failure alerts, door-open warnings, and power failure notifications;
3. Multiple protective functions (including frequent start protection and maintaining refrigeration system operation during sensor malfunctions)

Refrigeration System

1. Extra-thick foam insulation layer effectively maintains internal temperature;
2. Premium compressor delivers powerful and efficient cooling performance;
3. Optimized evaporator design ensures efficient refrigerant circulation for superior temperature uniformity;
4. Unique fluorine-free eco-friendly refrigerant;
5. Single-compressor system features fewer components, lower failure rate, and reduced energy consumption;
6. Premium silent fan ensures stable, long-lasting performance with minimal noise.

User-Friendly Design

1. Built-in stainless steel shelves for flexible use and easy cleaning;
2. Food-grade stainless steel inner tank, rust-proof and safe;
3. Heavy-duty casters for effortless mobility;
4. Safety door lock prevents accidental opening;
5. Top-mounted control panel for convenient operation;
6. LED temperature display for clear, intuitive monitoring;
7. Suitable for environments between 10°C and 32°C;
8. Wide voltage range design compatible with 187V to 242V AC.



Product Parameters

Model	Capacity (L)	Temperature Range (℃)	External Size (W*D*H)mm	Power(W)	NW(Kgs)
DW-25L318	318	-10~-25℃	650*700*1885	158	130
DW-86L30	30	-40~-86℃	545*540*1135	400	75
DW-86L58	58	-40~-86℃	530*630*1360	450	98
DW-86L158	158	-40~-86℃	720*800*1402	500	150
DW-86L408	408	-40~-86℃	850*900*1780	800	238
DW-86L508	508	-40~-86℃	850*1030*1860	950	275
DW-86L608	608	-40~-86℃	990*1030*1860	1000	288
Subject to the actual product.					