SHISHUO

SHISHUO: Where Dehumidification Begins

ZHEJIANG SHISHUO ELECTRIC APPLIANCE CO., LTD.

SHANGHAI SHIJIA ELECTRIC APPLIANCE CO., LTD.

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Note: Our company reserves the right to update the product specifications and parameter information. Your understanding is highly appreciated in case of any errors.

Dehumidifier, Humidifier, Portable Air Conditioner, Air Purifier, Constant Temperature & Humidity Unit

COMPANY PROFILE

Manufacturer of Dehumidification & Climate Control Equipment

Founded in 2015, **Shanghai Shijia Electric Appliance Co., Ltd.** is a professional manufacturer of dehumidification and climate control equipment.

In 2023, we established **Zhejiang Shishuo Electric Co., Ltd.** as our main production base in Jiaxing, strengthening our manufacturing capacity and quality control.

We integrate R&D, production, and technical services, with in-house sheet metal fabrication, heat exchanger manufacturing, and full unit assembly. Our solutions support both standard production and customized OEM/ODM projects.

Our Shanghai-based international sales team ensures efficient communication and reliable global service.

CUSTOMIZATION

Step 1 – Requirement Analysis
If you are unsure about your specific needs, you may provide us with your construction drawings.

Step 2 – Solution & Model Selection
Customized dehumidification solution

Step 6 – Packaging & Shipping
Export-standard crate packaging for safe transport

Step 5 – Testing & Quality Inspection
Functional testing and 100% final inspection before shipment

Step 4 – Production & Assembly
In-house manufacturing

Step 3 – Specification Confirmation
Confirm technical details before production

PRODUCTION LINE

We operate our own manufacturing facility with advanced production lines, ensuring stable capacity, consistent quality, and reliable delivery.

Production Workshop
- CNC Sheet Metal Cutting
- CNC Punching & Bending
- Metal Plate Rolling & Forming
- Mechanical Press Forming

Condenser Production Workshop
- Fin Pressing
- Copper Tube Brazing
- Condenser Assembly & Inspection

Assembly Workshop
- Main Unit Assembly Line
- Component Installation
- Refrigeration System Assembly

SHISHUO
Reliable professional dehumidification you can trust

Why Choose Us

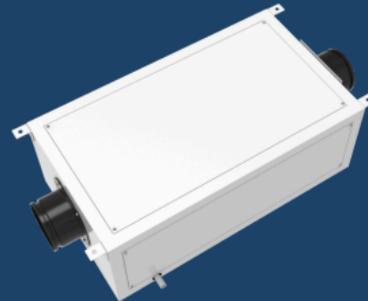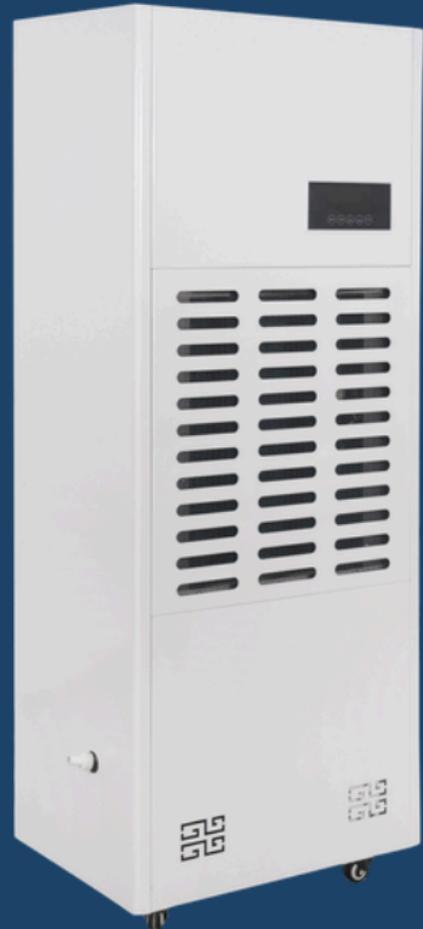**Advanced Manufacturing · Custom Solutions · Certified Quality**

AUTHORITATIVE CERTIFICATION

Commercial Dehumidifiers

Efficient and Reliable Moisture Control for Every Space

Explore Our Products

Commercial dehumidifier

All-copper condenser and evaporator.

Intelligent control

Moisture-proof treatment

Thickened sheet metal

Time switch

LCD touch screen

Automatic defrosting

Fault self-protection

Specification	GDH-50E	GDH-58E
Dehumidification Capacity (30°C / 80% RH)	50 L/day	58 L/day
Power Supply	220V / 50Hz	220V / 50Hz
Rated Power	700 W	730 W
Noise Level	≤40 dB(A)	≤40 dB(A)
Airflow	500 m³/h	550 m³/h
Working Humidity Range	30% – 80% RH	30% – 80% RH
Recommended Coverage Area	40 – 60 m²	40 – 80 m²
Working Temperature	5 – 38°C	5 – 38°C
Drainage Method	Water Tank + Drain Hose	Water Tank + Drain Hose
Product Dimensions (L × W × H)	380 × 480 × 835 mm	380 × 480 × 835 mm
Packing Dimensions	470 × 500 × 790 mm	470 × 500 × 790 mm
Refrigerant	R290 / R134a	R290 / R134a
Net / Gross Weight	31 / 33 kg	31 / 33 kg

Product Features:

1，Heavy-Duty Design: Built for demanding industrial environments.

2，Continuous Operation: Reliable, non-stop moisture removal.

3，High-Efficiency Motor: Optimized airflow for energy savings.

4，Digital Control System: Easy, precise operation.

5，Copper Heat Exchanger: Fast and efficient moisture removal.

6，Automatic Defrosting: Prevents frost buildup for uninterrupted use.

7，User-Friendly Control Panel: Simple and clear interface.

8，Precision Humidity Sensor: Accurate moisture level detection.

9，Corrosion-Resistant Drain Hose: Durable for industrial use.

10，Portable: Easy to move with built-in handle.

11，OEM/ODM supported

Applicable scenarios: warehouses, workshops, archives, storage rooms, basements, vaults, switchgear rooms, garages.

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Applicable scenarios: warehouses, workshops, archives, storage rooms, basements, vaults, switchgear rooms, garages.

Specification	GDH-60E
Dehumidification Capacity (30°C / 80% RH)	60 L/day
Power Supply	220V / 50Hz
Rated Power	850 W
Noise Level	≤45 dB(A)
Airflow	600 m³/h
Working Humidity Range	30% – 80% RH
Recommended Coverage Area	40 – 80 m²
Working Temperature	5 – 38°C
Drainage Method	Water Tank + Drain Hose
Product Dimensions (L × W × H)	395 × 365 × 695 mm
Packing Dimensions	500 × 470 × 790 mm
Refrigerant	R410A / R290
Net / Gross Weight	32 kg / 34 kg

Product Features:

1，**Heavy-Duty Design: Built for demanding industrial environments.**

2，**Continuous Operation: Reliable, non-stop moisture removal.**

3，**High-Efficiency Motor: Optimized airflow for energy savings.**

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Technical Specifications

Model	GDH-60N1	GDH-60N2	GDH-60N3	GDH-60N4	GDH-60N5
Dehumidification Capacity (30°C / 80% RH)	60 L/day	60 L/day	60 L/day	60 L/day	60 L/day
Power Supply	220V / 50Hz	220V / 50Hz	220V / 50Hz	220V / 50Hz	220V / 50Hz
Rated Power	850 W	850 W	850 W	850 W	850 W
Noise Level	≤45 dB(A)	≤45 dB(A)	≤45 dB(A)	≤45 dB(A)	≤45 dB(A)
Airflow	600 m³/h	600 m³/h	600 m³/h	600 m³/h	600 m³/h
Working Humidity Range	30% – 80% RH	30% – 80% RH	30% – 80% RH	30% – 80% RH	30% – 80% RH
Recommended Coverage Area	40 – 80 m²	40 – 80 m²	40 – 80 m²	40 – 80 m²	40 – 80 m²
Working Temperature	5 – 38°C	5 – 38°C	5 – 38°C	5 – 38°C	5 – 38°C
Drainage Method	Water Tank + Drain Hose	Water Tank + Drain Hose	Water Tank + Drain Hose	Water Tank + Drain Hose	Water Tank + Drain Hose
Product Dimensions (L × W × H)	500 × 460 × 855 mm	500 × 460 × 855 mm	500 × 460 × 855 mm	500 × 460 × 855 mm	500 × 460 × 855 mm
Packing Dimensions	500 × 470 × 790 mm	500 × 470 × 790 mm	500 × 470 × 790 mm	500 × 470 × 790 mm	500 × 470 × 790 mm
Refrigerant	R410A / R290	R410A / R290	R410A / R290	R410A / R290	R410A / R290
Net / Gross Weight	36.9 kg / 38.9 kg	36.9 kg / 38.9 kg	36.9 kg / 38.9 kg	36.9 kg / 38.9 kg	36.9 kg / 38.9 kg

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Item	Specification
Model	GDH-90E
Dehumidification Capacity	90 L/day (30°C, 80% RH)
Power Supply	220V / 50Hz
Rated Power	1250 W
Noise Level	≤55 dB(A)
Air Circulation	1200 m³/h
Working Humidity Range	30% – 80% RH
Applicable Area	80 – 120 m²
Working Temperature	5 – 38 °C
Drainage Method	Water tank + Drain hose (optional)
Product Dimensions (L×W×H)	500 × 400 × 1025 mm
Packing Dimensions	610 × 510 × 1130 mm
Refrigerant	R410 / R290A
Net Weight / Gross Weight	45 kg / 48 kg

Product Features:

1，**Heavy-Duty Design: Built for demanding industrial environments.**

2，**Continuous Operation: Reliable, non-stop moisture removal.**

3，**High-Efficiency Motor: Optimized airflow for energy savings.**

4，**Digital Control System: Easy, precise operation.**

5，**Copper Heat Exchanger: Fast and efficient moisture removal.**

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Specification	GDH-138E
Dehumidification Capacity (30°C / 80% RH)	138 L/day
Power Supply	220V / 50Hz
Rated Power	1500 W
Noise Level	≤55 dB(A)
Airflow	1200 m³/h
Working Humidity Range	30% – 80% RH
Recommended Coverage Area	120 – 140 m²
Working Temperature	5 – 35°C
Drainage Method	Water Tank + Drain Hose (Optional)
Product Dimensions (L × W × H)	500 × 400 × 1025 mm
Packing Dimensions	610 × 510 × 1130 mm
Refrigerant	R410A / R290
Net / Gross Weight	48 kg / 50 kg

Product Features:

1，Heavy-Duty Design: Built for demanding industrial environments.

2，Continuous Operation: Reliable, non-stop moisture removal.

3，High-Efficiency Motor: Optimized airflow for energy savings.

4，Digital Control System: Easy, precise operation.

5，Copper Heat Exchanger: Fast and efficient moisture removal.

6，Automatic Defrosting: Prevents frost buildup for uninterrupted use.

7，User-Friendly Control Panel: Simple and clear interface.

8，Precision Humidity Sensor: Accurate moisture level detection.

9，Corrosion-Resistant Drain Hose: Durable for industrial use.

10，OEM/ODM supported

Applicable scenarios: warehouses, workshops, archives, storage rooms, basements, vaults, switchgear rooms, garages.

Commercial dehumidifier

All-copper condenser and evaporator.

Intelligent control

Moisture-proof treatment

Thickened sheet metal

Time switch

LCD touch screen

Automatic defrosting

Fault self-protection

Specification	GDH-156E
Dehumidification Capacity (30°C / 80% RH)	156 L/day
Power Supply	220V / 50Hz
Rated Power	1800 W
Noise Level	≤55 dB(A)
Airflow	1200 m³/h
Working Humidity Range	30% – 80% RH
Recommended Coverage Area	140 – 160 m²
Working Temperature	5 – 30°C
Drainage Method	Water Tank + Drain Hose (Optional)
Product Dimensions (L × W × H)	520 × 630 × 1260 mm
Packing Dimensions	610 × 510 × 1130 mm
Refrigerant	R410A / R290
Net / Gross Weight	49 kg / 52 kg

Product Features:

1，Heavy-Duty Design: Built for demanding industrial environments.

2，Continuous Operation: Reliable, non-stop moisture removal.

3，High-Efficiency Motor: Optimized airflow for energy savings.

4，Digital Control System: Easy, precise operation.

5，Copper Heat Exchanger: Fast and efficient moisture removal.

6，Automatic Defrosting: Prevents frost buildup for uninterrupted use.

7，User-Friendly Control Panel: Simple and clear interface.

8，Precision Humidity Sensor: Accurate moisture level detection.

9，Corrosion-Resistant Drain Hose: Durable for industrial use.

10，Portable: Easy to move with built-in handle.

11，OEM/ODM supported

Applicable scenarios: warehouses, workshops, archives, storage rooms, basements, vaults, switchgear rooms, garages.

Commercial dehumidifier

All-copper condenser and evaporator.

Intelligent control

Moisture-proof treatment

Thickened sheet metal

Time switch

LCD touch screen

Automatic defrosting

Fault self-protection

Applicable scenarios: warehouses, workshops, archives, storage rooms, basements, vaults, switchgear rooms, garages.

Specification	168L Dehumidifier
Dehumidification Capacity (30°C / 80% RH)	168 L/day
Power Supply	220V / 380V
Rated Power	2500 W
Noise Level	≤60 dB(A)
Airflow	1500 m³/h
Working Humidity Range	30% – 80% RH
Recommended Coverage Area	160 – 220 m²
Working Temperature	5 – 30°C
Drainage Method	Drainage Pipe
Product Dimensions (L × W × H)	600 × 420 × 1589 mm
Packing Dimensions	700 × 500 × 1700 mm (Approx.)
Refrigerant	R410A / R290A
Net / Gross Weight	80 kg / 84 kg

Product Features:

1，**Heavy-Duty Design:** Built for demanding industrial environments.

2，**Continuous Operation:** Reliable, non-stop moisture removal.

3，**High-Efficiency Motor:** Optimized airflow for energy savings.

4，**Digital Control System:** Easy, precise operation.

5，**Copper Heat Exchanger:** Fast and efficient moisture removal.

6，**Automatic Defrosting:** Prevents frost buildup for uninterrupted use.

7，**User-Friendly Control Panel:** Simple and clear interface.

8，**Precision Humidity Sensor:** Accurate moisture level detection.

9，**Corrosion-Resistant Drain Hose:** Durable for industrial use.

10，**OEM/ODM supported**

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Moisture-proof treatment

Thickened sheet metal

Time switch

LCD touch screen

Automatic defrosting

Fault self-protection

Specification	GDH-CE38
Dehumidification Capacity (30°C / 80% RH)	38 L/day
Power Supply	220V / 50Hz
Rated Power	450 W
Noise Level	≤50 dB(A)
Airflow	500 m³/h
Working Humidity Range	30% – 80% RH
Recommended Coverage Area	50 m²
Working Temperature	5 – 38°C
Drainage Method	Drain Pipe
Product Dimensions (L × W × H)	900 × 360 × 220 mm
Packing Dimensions	950 × 400 × 270 mm
Refrigerant	R134A / 150G
Net / Gross Weight	20 kg

Applicable scenarios: warehouses, workshops, archives, storage rooms, basements, vaults, switchgear rooms, garages.

Product Features:

1，Space-Saving: Hidden ceiling installation, ideal for limited spaces.

2，Continuous Dehumidification: Improves indoor air quality by removing moisture.

3，Versatile Use: Perfect for warehouses, workshops, pools, basements, drying rooms.

4，Efficient Heat-Exchange: Dual pure copper tubes and titanium foil for fast dehumidification.

5，Powerful Airflow: High-speed external fan for faster moisture removal.

6，Durable & Safe: Metal housing, corrosion-resistant, and leakage-free design for reliability.

7，Long-Lasting Performance: Built for extended service life in harsh conditions.

8，OEM/ODM supported

Commercial dehumidifier

All-copper condenser and evaporator.

Intelligent control

Moisture-proof treatment

Thickened sheet metal

Time switch

LCD touch screen

Automatic defrosting

Fault self-protection

Specification	GDH-CE56
Dehumidification Capacity (30°C / 80% RH)	56 L/day
Power Supply	220V / 50Hz
Rated Power	850 W
Noise Level	≤50 dB(A)
Airflow	550 m³/h
Working Humidity Range	30% – 80% RH
Recommended Coverage Area	130 m²
Working Temperature	5 – 38°C
Drainage Method	Drain Pipe
Product Dimensions (L × W × H)	800 × 496 × 400 mm
Packing Dimensions	850 × 520 × 450 mm
Refrigerant	R290 / 130G
Net / Gross Weight	23 kg / –

Product Features:

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Fault self-protection

Item	GDH-CE90	GDH-CE138	GDH-CE156	GDH-CE168
Model	GDH-CE90	GDH-CE138	GDH-CE156	GDH-CE168
Internal Model	DS-990E	DS-9138E	DS-9156E	DS-9168E
Dehumidification Capacity	90 L/day	138 L/day	156 L/day	168 L/day
Test Condition	30°C, 80% RH	30°C, 80% RH	30°C, 80% RH	30°C, 80% RH
Power Supply	220V / 50Hz	220V / 50Hz	220V / 50Hz	220V / 50Hz
Rated Power	1250 W	1250 W	1250 W	2500 W
Noise Level	≤55 dB(A)	≤55 dB(A)	≤55 dB(A)	≤60 dB(A)
Air Circulation	1200 m³/h	1200 m³/h	1200 m³/h	2200 m³/h
Working Humidity Range	30% – 80% RH	30% – 80% RH	30% – 80% RH	30% – 80% RH
Applicable Area	80 – 120 m²	120 – 140 m²	140 – 160 m²	160 – 220 m²
Working Temperature	5 -- 38 °C	5 – 35 °C	5 – 30 °C	5 – 30 °C
Drainage Method	Direct hose drainage	Direct hose drainage	Direct hose drainage	Direct hose drainage
Product Dimensions (L×W×H)	800 × 540 × 470 mm	800 × 540 × 470 mm	800 × 540 × 470 mm	950 × 600 × 700 mm
Packing Dimensions	850 × 600 × 550 mm	850 × 600 × 550 mm	850 × 600 × 550 mm	1000 × 650 × 760 mm
Refrigerant	R410A / 550 g	R410A / 700 g	R410A / 800 g	R410A / 1100 g
Net Weight / Gross Weight	49 kg / 51 kg	52 kg / 54 kg	54 kg / 56 kg	70 kg / 75 kg

Product Features:

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Heavy-Duty Moisture Control for Demanding Environments

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8，**Precision Humidity Sensor:** Accurate moisture level detection.

9，**Corrosion-Resistant Drain Hose:** Durable for industrial use.

10，**OEM/ODM supported**

Specification	GDH-180E	GDH-240E	GDH-288E	GDH-380E	GDH-480E
Dehumidification Capacity (30°C / 80% RH)	180 L/day	240 L/day	288 L/day	380 L/day	480 L/day
Power Supply	220V / 380V	220V / 380V	380V / 50Hz	380V / 50Hz	380V / 50Hz
Rated Power	2800 W	3000 W	3400 W	5500 W	6500 W
Noise Level	≤60 dB(A)	≤60 dB(A)	≤60 dB(A)	≤65 dB(A)	≤65 dB(A)
Airflow	2000 m³/h	2400 m³/h	2400 m³/h	4000 m³/h	5100 m³/h
Working Humidity Range	30% – 80% RH	30% – 80% RH	30% – 80% RH	30% – 80% RH	30% – 80% RH
Recommended Coverage Area	180 – 240 m²	200 – 300 m²	260 – 350 m²	350 – 500 m²	450 – 600 m²
Working Temperature	5 – 38°C	5 – 38°C	5 – 38°C	5 – 38°C	5 – 38°C
Drainage Method	Continuous Drainage (Drain Hose)	Continuous Drainage (Drain Hose)	Continuous Drainage (Drain Hose)	Continuous Drainage (Drain Hose)	Continuous Drainage (Drain Hose)
Product Dimensions (L × W × H)	600 × 420 × 1589 mm	770 × 490 × 1720 mm	770 × 490 × 1720 mm	1200 × 480 × 1780 mm	1200 × 480 × 1780 mm
Packing Dimensions	700 × 500 × 1700 mm	850 × 560 × 1800 mm	850 × 560 × 1800 mm	1300 × 550 × 1850 mm	1300 × 550 × 1850 mm
Refrigerant	R410A / R32	R410A / R32	R410A / R32	R410A / R32	R410A / R32
Net / Gross Weight	87 kg / 92 kg	105 kg / 110 kg	110 kg / 118 kg	180 kg / 190 kg	200 kg / 210 kg

Item	GDH-600E	GDH-720E	GDH-960E	GDH-1200E	GDH-1440E
Model	GDH-600E	GDH-720E	GDH-960E	GDH-1200E	GDH-1440E
Dehumidification Capacity	600 L/day	720 L/day	960 L/day	1200 L/day	1440 L/day
Test Condition	30°C, 80% RH	30°C, 80% RH	30°C, 80% RH	30°C, 80% RH	30°C, 80% RH
Power Supply	380V / 50Hz	380V / 50Hz	380V / 50Hz	380V / 50Hz	380V / 50Hz
Rated Power	6800 W	11500 W	15000 W	18000 W	22000 W
Noise Level	≤70 dB(A)	≤70 dB(A)	≤75 dB(A)	≤75 dB(A)	≤75 dB(A)
Air Circulation	7000 m³/h	8500 m³/h	12000 m³/h	15000 m³/h	18000 m³/h
Working Humidity Range	30% – 80% RH	30% – 80% RH	30% – 80% RH	30% – 80% RH	30% – 80% RH
Applicable Area	500 – 700 m²	700 – 900 m²	1000 – 1200 m²	1200 – 1400 m²	1600 m²
Working Temperature	5 – 38 °C	5 – 38 °C	5 – 38 °C	5 – 38 °C	5 – 38 °C
Drainage Method	Continuous hose drainage	Continuous hose drainage	Continuous hose drainage	Continuous hose drainage	Continuous hose drainage
Product Dimensions (L×W×H)	1200 × 480 × 1780 mm	1200 × 480 × 1780 mm	1400 × 550 × 1850 mm	1400 × 550 × 1850 mm	1400 × 550 × 1850 mm
Packing Dimensions	1300 × 550 × 1850 mm	1300 × 550 × 1850 mm			
Refrigerant	R410A / R32	R410A / R32	R410A / R32	R410A / R32	R410A / R32
Net Weight / Gross Weight	205 / 215 kg	216 / 225 kg	363 / 375 kg	363 / 375 kg	460 / 480 kg

Applicable scenarios: warehouses, workshops, archives, storage rooms, basements, vaults, switchgear rooms, garages.

Industrial dehumidifier

All-copper condenser and evaporator.

Intelligent control

Moisture-proof treatment

Thickened sheet metal

Time switch

LCD touch screen

Automatic defrosting

Fault self-protection

Product Features:

- High Performance Compressor delivers powerful and stable dehumidification for large industrial spaces

- Automatic Humidity Control with intelligent sensing system maintains precise and consistent humidity levels

- High Efficiency Rotary Fan provides strong airflow for fast air circulation and thorough moisture removal

- All Copper Heat Exchangers offer excellent thermal conductivity corrosion resistance and long service life

- Timer Function allows flexible scheduling for energy saving and convenient operation

- Automatic Defrost System ensures reliable performance in low temperature and high humidity environments

- Concealed Ceiling Installation saves space and is ideal for warehouses factories and commercial buildings

- Fault Alarm Protection provides real time alerts for abnormal operation improving safety and maintenance efficiency

- Multiple Safety Protections ensure long term stable and secure industrial use

- OEM/ODM supported

Specification	GDH-CE180	GDH-CE240	GDH-CE288
Dehumidification Capacity (30°C / 80% RH)	180 L/day	240 L/day	288 L/day
Power Supply	380V / 50Hz	380V / 50Hz	380V / 50Hz
Rated Power	2800 W	3000 W	3400 W
Noise Level	≤60 dB(A)	≤60 dB(A)	≤60 dB(A)
Airflow	2200 m³/h	2400 m³/h	2400 m³/h
Working Humidity Range	30% – 80% RH	30% – 80% RH	30% – 80% RH
Recommended Coverage Area	180 – 240 m²	200 – 300 m²	260 – 350 m²
Working Temperature	5 – 38°C	5 – 38°C	5 – 38°C
Drainage Method	Continuous Drainage (Drain Hose)	Continuous Drainage (Drain Hose)	Continuous Drainage (Drain Hose)
Product Dimensions (L × W × H)	950 × 600 × 700 mm	950 × 600 × 700 mm	1000 × 800 × 700 mm
Packing Dimensions	1000 × 650 × 760 mm	1000 × 650 × 760 mm	1100 × 860 × 780 mm
Refrigerant	R410A / 1200G	R410A / 1500G	R410A / 1500G
Net / Gross Weight	70 kg / 75 kg	80 kg / 85 kg	80 kg / 85 kg

Applicable scenarios: warehouses, workshops, archives, storage rooms, basements, vaults, switchgear rooms, garages.

Industrial dehumidifier

All-copper condenser and evaporator.

Intelligent control

Moisture-proof treatment

Thickened sheet metal

Time switch
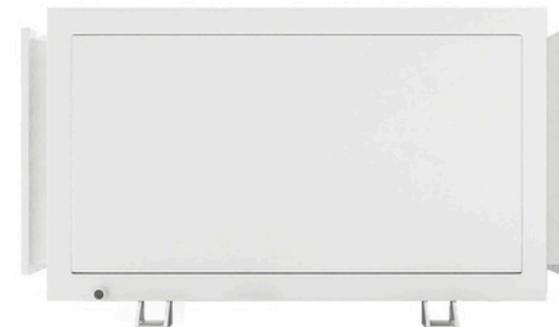
LCD touch screen

Automatic defrosting

Fault self-protection

Specification	GDH-CE380	GDH-CE480	GDH-CE600	GDH-CE720
Dehumidification Capacity (30°C / 80% RH)	380 L/day	480 L/day	600 L/day	720 L/day
Power Supply	380V / 50Hz	380V / 50Hz	380V / 50Hz	380V / 50Hz
Rated Power	5500 W	6500 W	6800 W	11500 W
Noise Level	≤65 dB(A)	≤65 dB(A)	≤70 dB(A)	≤70 dB(A)
Airflow	4000 m³/h	5100 m³/h	7000 m³/h	8500 m³/h
Working Humidity Range	30% – 80% RH	30% – 80% RH	30% – 80% RH	30% – 80% RH
Recommended Coverage Area	350 – 500 m²	450 – 600 m²	500 – 700 m²	700 – 900 m²
Working Temperature	5 – 38°C	5 – 38°C	5 – 38°C	5 – 38°C
Drainage Method	Continuous Drainage (Drain Hose)	Continuous Drainage (Drain Hose)	Continuous Drainage (Drain Hose)	Continuous Drainage (Drain Hose)
Product Dimensions (L × W × H)	1200 × 1000 × 700 mm	1200 × 1000 × 700 mm	1200 × 1000 × 700 mm	1200 × 1000 × 700 mm
Packing Dimensions	1300 × 1100 × 780 mm	1300 × 1100 × 780 mm	1300 × 1100 × 780 mm	1300 × 1100 × 780 mm
Refrigerant	R410A / 2100G	R410A / 3200G	R410A / 3400G	R410A / 4800G
Net / Gross Weight	210 kg / 220 kg	220 kg / 230 kg	220 kg / 230 kg	260 kg / 275 kg

Product Features:

- **High Performance Compressor delivers powerful and stable dehumidification for large industrial spaces**

- **Automatic Humidity Control with intelligent sensing system maintains precise and consistent humidity levels**

- **High Efficiency Rotary Fan provides strong airflow for fast air circulation and thorough moisture removal**

- **All Copper Heat Exchangers offer excellent thermal conductivity corrosion resistance and long service life**

- **Timer Function allows flexible scheduling for energy saving and convenient operation**

- **Automatic Defrost System ensures reliable performance in low temperature and high humidity environments**

- **Concealed Ceiling Installation saves space and is ideal for warehouses factories and commercial buildings**

- **Fault Alarm Protection provides real time alerts for abnormal operation improving safety and maintenance efficiency**

- **Multiple Safety Protections ensure long term stable and secure industrial use**

- **OEM/ODM supported**

Applicable scenarios: warehouses, workshops, archives, storage rooms, basements, vaults, switchgear rooms, garages.

Rotary Dehumidifiers

Efficient and Continuous Moisture Control for Industrial Applications

Explore Our Products

Rotary Dehumidifiers

Ideal Applications for Desiccant Dehumidifiers

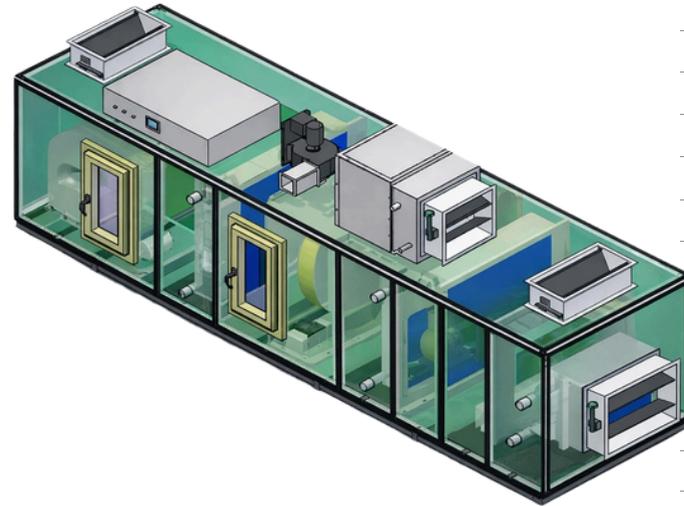|			
Defense Industry	Aerospace	Electronics Manufacturing	Chemical Industry
Pharmaceutical Storage	Cold Storage	Chemical Industry	Weinds & Coating
Low-Temperature Seafood Storage	Textile & Fiber Industry	Artwork Drying	Specialized Drying Rooms

Product Features:

1，**Rotor Protection: Prevents damage with rotation-stop protection for stable performance.**

2，**Leakage Protection: Safeguards internal components from electrical faults.**

3，**Reliable Components: Uses international-brand parts for easy maintenance.**

4，**Real-Time Humidity Control: Adjustable humidity range and 1%-5% differential.**

5，**Flexible Modes: Automatic and manual dehumidification for versatile use.**

6，**Sealed Air Ducts: Zero air leakage with independent ducts.**

7，**Pre-Filter: Removes dust, extends equipment life.**

8，**Insulated Heating Chamber: Prevents heat loss and condensation.**

9，**Energy Efficiency: SCR temperature control and advanced PTC heating for reduced energy consumption.**
10，**Certifications: Complies with ROHS and CE standards.**

11，**OEM/ODM supported**

Specification	ROD-A	ROD-B	ROD-C
Power Supply (V/Hz)	220V / 50Hz	220V / 50Hz	220V / 50Hz
Airflow (m³/h)	100	200	300
Dehumidification Capacity (kg/h)	0.5 – 0.6	1.2 – 1.5	1.5 – 1.8
Max kg/h	0.6	1.5	1.8
1/d	14.4	36	43.2
Regeneration Airflow (m³/h)	30	60	100
Inlet/Outlet Diameter (mm)	100 / 100	100 / 100	100 / 100
Regeneration Inlet/Outlet Diameter (mm)	75 / 75	75 / 75	75 / 75
Current (A)	7.5	14	18.5
Regeneration Heat Power (kW)	0.9	1.8	2.6
Total Power (kW)	1.65	3	4
Packing Weight (kg)	40	45	48
Net Weight (kg)	35	38	43
Packing Dimensions (mm)	700 × 400 × 710	700 × 400 × 710	700 × 400 × 710
External Dimensions (mm)	600 × 400 × 680	600 × 400 × 680	600 × 400 × 680

Specification	ROD-D	ROD-E
Power Supply (V/Hz)	220V / 50Hz	220V / 50Hz
Airflow (m³/h)	500	600
Dehumidification Capacity (kg/h)	2.4 – 2.5	3.3 – 3.5
Max kg/h	2.5	3.5
1/d	60	84
Regeneration Airflow (m³/h)	165	200
Inlet/Outlet Diameter (mm)	150 / 150	150 / 150
Regeneration Inlet/Outlet Diameter (mm)	100 / 100	100 / 100
Current (A)	23	32
Regeneration Heat Power (kW)	4	6
Total Power (kW)	5	7
Packing Weight (kg)	65	70
Net Weight (kg)	58	63
Packing Dimensions (mm)	800 × 525 × 640	800 × 525 × 640
External Dimensions (mm)	785 × 515 × 610	785 × 515 × 610

Rotary Dehumidifiers

Specification	ROD-F	ROD-G
Power Supply (V/Hz)	380V / 50Hz	380V / 50Hz
Airflow (m³/h)	800	1000
Dehumidification Capacity (kg/h)	4.5 – 5	5.5 – 6
Max kg/h	5	6
1/d	120	144
Regeneration Airflow (m³/h)	265	340
Inlet/Outlet Diameter (mm)	200 / 200	200 / 200
Regeneration Inlet/Outlet Diameter (mm)	150 / 150	150 / 150
Current (A)	16	24
Regeneration Heat Power (kW)	8	10
Total Power (kW)	10	12
Packing Weight (kg)	185	203
Net Weight (kg)	176	196
Packing Dimensions (mm)	990 × 980 × 1375	990 × 980 × 1375
External Dimensions (mm)	940 × 940 × 1175	940 × 940 × 1175

Product Features:

1，Rotor Protection: Prevents damage with rotation-stop protection for stable performance.

2，Leakage Protection: Safeguards internal components from electrical faults.

3，Reliable Components: Uses international-brand parts for easy maintenance.

4，Real-Time Humidity Control: Adjustable humidity range and 1%-5% differential.

5，Flexible Modes: Automatic and manual dehumidification for versatile use.

6，Sealed Air Ducts: Zero air leakage with independent ducts.

7，Pre-Filter: Removes dust, extends equipment life.

8，Insulated Heating Chamber: Prevents heat loss and condensation.

9，Energy Efficiency: SCR temperature control and advanced PTC heating for reduced energy consumption.

10，Certifications: Complies with ROHS and CE standards.

11，OEM/ODM supported

Ideal Applications for Desiccant Dehumidifiers

- Defense Industry
- Aerospace
- Electronics Manufacturing
- Chemical Industry
- Pharmaceutical Storage
- Cold Storage
- Chemical Industry
- Weinds & Coating
- Low-Temperature Seafood Storage
- Textile & Fiber Industry
- Artwork Drying
- Specialized Drying Rooms

Rotary Dehumidifiers

Specification	ROD-H	ROD-I
Power Supply (V/Hz)	380V / 50Hz	380V / 50Hz
Airflow (m³/h)	1500	2000
Dehumidification Capacity (kg/h)	10	13
Max kg/h	10	13
1/d	240	312
Regeneration Airflow (m³/h)	500	670
Inlet/Outlet Diameter (mm)	600 / 400	600 / 400
Regeneration Inlet/Outlet Diameter (mm)	380 × 420 / 100	380 × 420 / 100
Current (A)	36	46
Regeneration Heat Power (kW)	15	23
Total Power (kW)	18	17
Packing Weight (kg)	435	475
Net Weight (kg)	423	463
Packing Dimensions (mm)	1500 × 1300 × 1890	1500 × 1300 × 1890
External Dimensions (mm)	1430 × 1000 × 1630	1430 × 1000 × 1630

Product Features:

1，Rotor Protection: Prevents damage with rotation-stop protection for stable performance.

2，Leakage Protection: Safeguards internal components from electrical faults.

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Defense Industry | Aerospace | Electronics Manufacturing | Chemical Industry
Pharmaceutical Storage | Cold Storage | Chemical Industry | Weinds & Coating
Low-Temperature Seafood Storage | Textile & Fiber Industry | Artwork Drying | Specialized Drying Rooms

Humidifiers

Efficient and Continuous Moisture Addition for Industrial Environments

Explore Our Products

Humidifiers

Application scenarios

Electronics industry	Gas station	Textile industry
Printing house	Paper mill	Paper mill
Printing house	Laboratory	Pharmaceutical industry
Plastics industry	Seafood preservation	Hot pot
Buffet	Planting	Vegetables preservation
Fungus cultivation	Poultry farming	Man-made landscape

Specification	UH-DS-02E	UH-DS-03E	UH-DS-06E
Power	200W	300W	600W
Power Supply (V/Hz)	220V / 50Hz	220V / 50Hz	220V / 50Hz
Humidification Capacity	2 kg/h	3 kg/h	6 kg/h
Mist Outlet Quantity	1	1	1
Atomizing Plate Quantity	1	1	2
Mist Outlet Diameter	75 mm	110 mm	110 mm
Atomizing Particles	6	10	20
Machine Dimensions (mm)	540 × 250 × 320	690 × 340 × 400	730 × 340 × 400
Packing Dimensions (mm)	—	740 × 390 × 450	780 × 390 × 450
Water Shortage Protection	Yes	Yes	Yes
Gross / Net Weight	16 kg / 13 kg	18 kg / 15 kg	21 kg / 18 kg
Cabinet Material	Stainless Steel	Stainless Steel	Stainless Steel
Control Method	Automatic	Automatic	Automatic

Product Features:

1，High Efficiency: Atomized droplets of 0.5–5 microns for rapid vaporization and efficient water use.

2，Durable Atomization Core: Sealed, waterproof core with replaceable plates (3,500–5,000 hours).

3，Water-Level Protection: Automatic shutdown to prevent dry burning.

4，Quiet & Flexible Installation: Low noise，supports fixed, mobile, or pipeline setups.

5，Industrial Benefits: Reduces lint, static, and improves product yield in textiles and electronics.

6，Intelligent Control: Manual, timed, and automatic modes with overload and dry-burn protection.

6，Energy Efficient: Low energy consumption, ideal for anti-static applications.

7，Water Quality Management: Best used with purified water; requires regular maintenance.

9，OEM/ODM supported

Humidifiers

Application scenarios

Electronics industry	Gas station	Textile industry
Printing house	Paper mill	Paper mill
Printing house	Laboratory	Pharmaceutical industry
Plastics industry	Seafood preservation	Hot pot
Buffet	Planting	Vegetables preservation
Fungus cultivation	Poultry farming	Man-made landscape

Specification	UH-DS-09E	UH-DS-12E
Power	900W	1200W
Power Supply (V/Hz)	220V / 50Hz	220V / 50Hz
Humidification Capacity	9 kg/h	12 kg/h
Mist Outlet Quantity	2	2
Atomizing Plate Quantity	3	4
Mist Outlet Diameter	110 mm	110 mm
Atomizing Particles	30	40
Machine Dimensions (mm)	730 × 340 × 400	730 × 340 × 400
Packing Dimensions (mm)	780 × 390 × 400	780 × 390 × 450
Water Shortage Protection	Yes	Yes
Gross / Net Weight	29 kg / 27 kg	37 kg / 35 kg
Cabinet Material	Stainless Steel	Stainless Steel
Control Method	Automatic	Automatic

Product Features:

1，High Efficiency: Atomized droplets of 0.5–5 microns for rapid vaporization and efficient water use.

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Humidifiers

Application scenarios

Electronics industry | Gas station | Textile industry
Printing house | Paper mill | Paper mill
Printing house | Laboratory | Pharmaceutical industry
Plastics industry | Seafood preservation | Hot pot
Buffet | Planting | Vegetables preservation
Fungus cultivation | Poultry farming | Man-made landscape

Applicable scenarios: warehouses, workshops, archives, storage rooms, basements, vaults, switchgear rooms, garages.

Specification	UH-DS-15E	UH-DS-18E	UH-DS-21E
Power	1500W	2100W	1800W
Power Supply (V/Hz)	220V / 50Hz	220V / 50Hz	220V / 50Hz
Humidification Capacity	15 kg/h	21 kg/h	18 kg/h
Mist Outlet Quantity	3	3	3
Atomizing Plate Quantity	5	7	6
Mist Outlet Diameter	110 mm	110 mm	110 mm
Atomizing Particles	50	70	60
Machine Dimensions (mm)	920 × 440 × 500	920 × 440 × 500	920 × 580 × 500
Packing Dimensions (mm)	970 × 490 × 550	970 × 490 × 550	970 × 630 × 550
Water Shortage Protection	Yes	Yes	Yes
Gross / Net Weight	46 kg / 43 kg	56 kg / 53 kg	66 kg / 63 kg
Cabinet Material	Stainless Steel	Stainless Steel	Stainless Steel
Control Method	Automatic	Automatic	Automatic

Product Features:

1，High Efficiency: Atomized droplets of 0.5–5 microns for rapid vaporization and efficient water use.

2，Durable Atomization Core: Sealed, waterproof core with replaceable plates (3,500–5,000 hours).

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6，Energy Efficient: Low energy consumption, ideal for anti-static applications.

7，Water Quality Management: Best used with purified water; requires regular maintenance.

9，OEM/ODM supported

Humidifiers

Application scenarios

| Specification	UH-DS-24E	UH-DS-27E	UH-DS-30E
Model	UH-DS-24E	UH-DS-27E	UH-DS-30E
Power	2400 W	2700 W	3000 W
Power Supply (V/Hz)	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz
Humidification Capacity	24 kg/h	27 kg/h	30 kg/h
Number of Mist Outlets	4	4	4
Number of Atomizing Plates	8	9	10
Mist Outlet Diameter	110 mm	110 mm	110 mm
Atomized Particle Size	80 μm	90 μm	100 μm
Machine Dimensions	920 × 580 × 500 mm	920 × 580 × 500 mm	920 × 580 × 500 mm
Dimensions with Packaging	970 × 630 × 550 mm	970 × 630 × 550 mm	970 × 630 × 550 mm
Low Water Protection	Yes	Yes	Yes
Gross Weight	71 kg	76 kg	83 kg
Net Weight	68 kg	73 kg	80 kg
Cabinet Material	Stainless Steel	Stainless Steel	Stainless Steel
Control Method	Automatic Control	Automatic Control	Automatic Control

Product Features:

1，High Efficiency: Atomized droplets of 0.5–5 microns for rapid vaporization and efficient water use.

2，Durable Atomization Core: Sealed, waterproof core with replaceable plates (3,500–5,000 hours).

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9，OEM/ODM supported

Portable Air Conditioner

Reliable • Energy-Saving • Easy to Move • Powerful Cooling

Explore Our Products
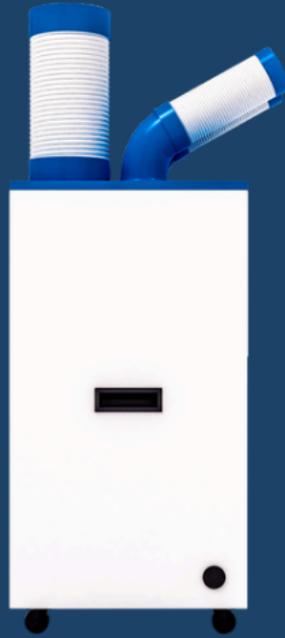
Portable Air Conditioner

Model	SSPAC-27	SSPAC-35	SSPAC-40	SSPAC-45	SSPAC-50
Cooling System	Compressor cooling	Compressor cooling	Compressor cooling	Compressor cooling	Compressor cooling
Power Supply	220V / 50Hz	220V / 50Hz	220V / 50Hz	220V / 50Hz	220V / 50Hz
Cooling Capacity	2700 W	3500 W	4000 W	4500 W	5000 W
Input Power	1030 W	1500 W	1800 W	2000 W	2300 W
Compressor Power	Large 1P	Large 1.5P	Small 2P	2P	Large 2P
Cold Air Outlet Qty					
Air Circulation	500 m³/h	800 m³/h	1200 m³/h	1200 m³/h	1500 m³/h
Cold Air Outlet Diameter	120 mm	120 mm	120 mm	120 mm	120 mm
Hot Air Outlet Diameter	180 mm	220 mm	220 mm	220 mm	220 mm
Refrigerant	R410A / R22	R410A / R22	R410A / R22	R410A / R22	R410A / R22
Timer Function	24-hour cycle timer	24-hour cycle timer	24-hour cycle timer	24-hour cycle timer	24-hour cycle timer
Fan Speed Control	High / Low	High / Low	High / Low	High / Low	High / Low
Product Dimensions (L×W×H)	475 × 425 × 855 mm	520 × 505 × 1020 mm	520 × 505 × 1020 mm	520 × 505 × 1020 mm	520 × 505 × 1020 mm
Packing Dimensions (L×W×H)	525 × 475 × 975 mm	570 × 555 × 1140 mm	570 × 555 × 1140 mm	570 × 555 × 1140 mm	570 × 555 × 1140 mm
Gross Weight	55 kg	59 kg	65 kg	73 kg	78 kg
Applicable Area	10 m²	15 m²	20 m²	25 m²	30 m²
Control Method	Touch screen / Automatic control	Touch screen / Automatic control	Touch screen / Automatic control	Touch screen / Automatic control	Touch screen / Automatic control
Water Tank Capacity	10 L	20 L	20 L	20 L	20 L

Product Features:

1，Portable & Easy to Use: Moveable without complex installation.

2，Air Filtration: Removes dust, pollen, and bacteria for cleaner air.

3，Cost-Effective: Lower initial and maintenance costs compared to central AC.

4，Energy-Efficient: Reduces energy consumption with localized cooling.

5，Widely Adopted: Popular in industrial settings for flexibility and savings.

6，OEM/ODM supported

Humidifier & Dehumidifier Combo

Reliable Smart Humidity Control •
Two-in-One • Energy Efficient • All-Season Comfort
Energy-Saving • Easy to Move • Powerful Cooling

Explore Our Products

Humidifier & Dehumidifier Combo

1， This unit integrates dehumidification, humidification, air purification, and sterilization in one system, providing stable and balanced humidity control.

2， It uses freeze dehumidification technology and a high-efficiency reciprocating compressor, delivering fast response, energy-saving operation, and quiet performance.

3， It features electronic dust removal, activated carbon filtration, and ion sterilization, effectively removing fine particles, odors, smoke, and bacteria.

4， Built-in temperature and humidity sensors monitor real-time conditions and automatically adjust operation to maintain the set humidity level.

5， It is widely used in archives, data rooms, communication rooms, offices, laboratories, printing workshops, GMP clean rooms, museums, and precision manufacturing areas.

6， Customizable: Tailored design, functions, and voltage per customer needs.

Item	DS-03HS	DS-06HS	DS-09HS	DS-12HS (3HP)	DS-12HS (5HP)
Power Supply	220V / 50Hz	220V / 50Hz	380V / 50Hz	380V / 50Hz	380V / 50Hz
Humidification Capacity (L/day)	98	156	200	240	240
Dehumidification Capacity (L/day)	72	144	160	170	170
Rated Power (W)	1800	2500	3500	5000	5000
Compressor Capacity	1.5 HP	1.5 HP	3 HP	Single 3 HP	Single 5 HP
Control System	Microcomputer LCD Automatic Control	Microcomputer LCD Automatic Control	Microcomputer LCD Automatic Control	Microcomputer LCD Automatic Control	Microcomputer LCD Automatic Control
Timer Function	1–24 Hours Adjustable	1–24 Hours Adjustable	1–24 Hours Adjustable	1–24 Hours Adjustable	1–24 Hours Adjustable
Applicable Area (m², Ceiling Height 2.8 m)	10–40	30–80	80–150	150–200	150–200
Product Dimensions (mm)	1370 × 600 × 460	1600 × 635 × 460	1870 × 800 × 600	1870 × 800 × 600	1870 × 800 × 600
Package Dimensions (mm)	1400 × 620 × 480	1900 × 660 × 480	2000 × 830 × 620	2000 × 830 × 620	2000 × 830 × 620
Net Weight (kg)	118	138	198	238	238
Gross Weight (kg)	128	148	208	250	250

Item	DS-15HS (Single 5 HP)	DS-15HS (Dual 3 HP)	DS-20HS (Dual 3 HP)	DS-20HS (Dual 5 HP)
Power Supply	380V / 50Hz	380V / 50Hz	380V / 50Hz	380V / 50Hz
Humidification Capacity (L/day)	288	288	480	480
Dehumidification Capacity (L/day)	180	180	300	300
Operating Power (W)	6500	6500	8000	8000
Compressor Configuration	Single 5 HP	Dual 3 HP	Dual 3 HP	Dual 5 HP
Control System	Microcomputer LCD Automatic Control	Microcomputer LCD Automatic Control	Microcomputer LCD Automatic Control	Microcomputer LCD Automatic Control
Timer Function	1–24 Hours Adjustable	1–24 Hours Adjustable	1–24 Hours Adjustable	1–24 Hours Adjustable
Applicable Area (m², Ceiling Height 2.8 m)	200–300	200–300	300–450	300–450
Product Dimensions (mm)	1850 × 1100 × 470	1850 × 1100 × 470	1850 × 1100 × 470	1850 × 1100 × 470
Package Dimensions (mm)	2100 × 1280 × 500	2100 × 1280 × 500	2100 × 1280 × 500	2100 × 1280 × 500
Net Weight (kg, approx.)	268	268	298	298
Gross Weight (kg, approx.)	280	280	315	315

SHISHUO Application Scenarios

Archives | Data Centers | Offices
GMP cleanrooms | Museums | Document Rooms
Precision electronics Manufacturing Workshops | Wine cellars | Supermarkets