赛百诺
SIBIONO

Heat Pump Dryer
Machine Manufacturer

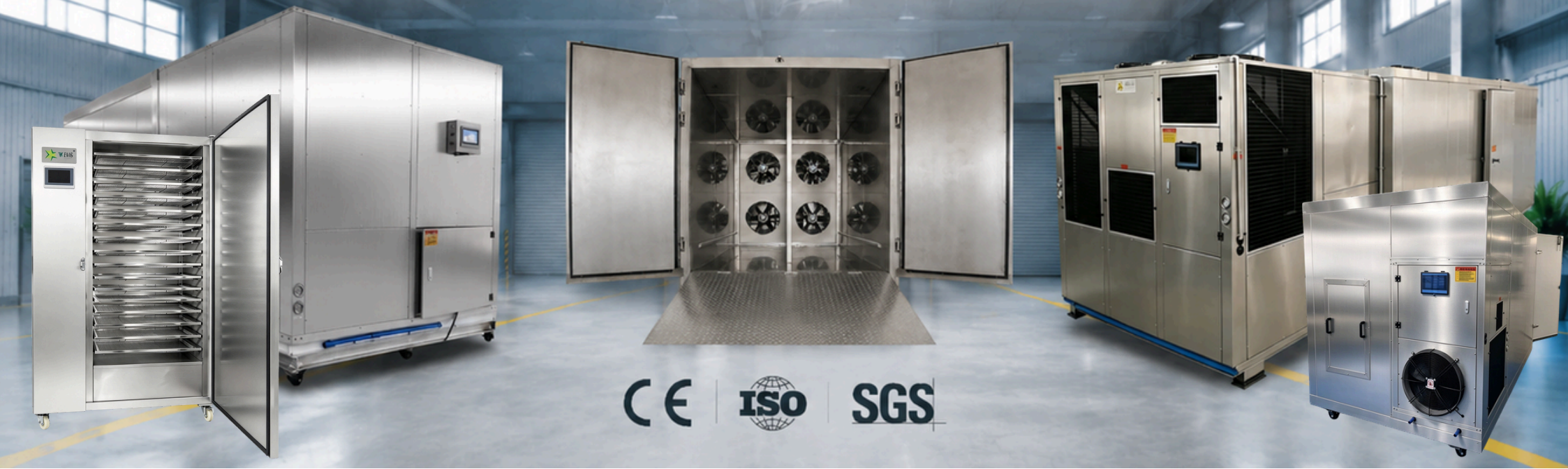
Industrial & Commercial

Dehydrator Machine

Zero Emission
Eco-Friendly

75% Energy Saving
High Efficiency

Batch Capacity
100-5000KG
Customizable



CE | ISO | SGS

About SIBIONO

Guangzhou SIBIONO Drying Equipment Co., Ltd is a professional manufacturer of heat pump drying equipment. We focus on researching, developing and producing high-efficiency, energy-saving and intelligent drying systems for food, agricultural products, herbs and industrial materials.

With more than 10 years of experience and advanced production technology, we are committed to providing global customers with reliable, customized and energy-saving drying solutions.





10+ Years Experience
Industrial Drying Equipment Manufacturing

100-5000KG
Batch Capacity
Customized Solutions

Up to 75%
Energy Saving
High Efficiency

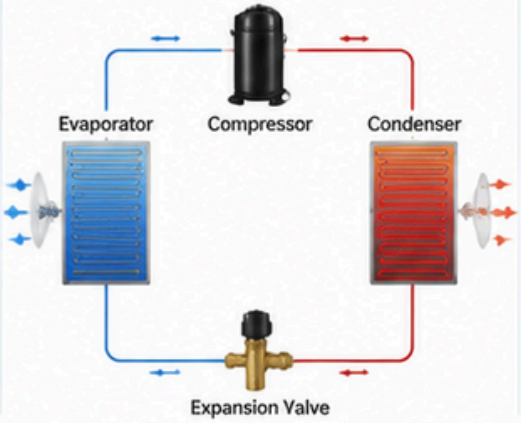
Global Service
Worldwide Installation and Technical Support

Heat Pump Drying Technology

Our heat pump drying system uses advanced heat pump technology to efficiently recycle heat energy, providing stable, uniform and low-temperature drying.
It effectively reduces energy consumption while ensuring high-quality drying results.

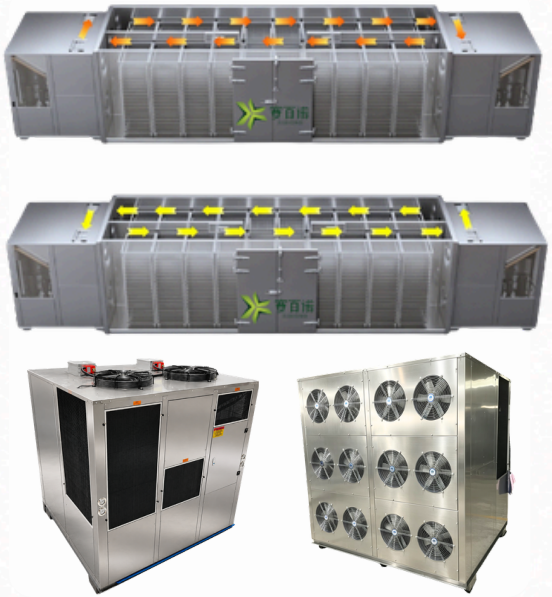
- Energy Saving Up to 75%
- Low Temperature Better Quality
- Safe & Hygienic Environmental Friendly
- Intelligent Control Easy Operation

Working Principle



Drying Process

1. Air Intake
2. Heat Pump System (Heat Exchange)
3. Hot Dry Air Circulation in Drying Chamber
4. Moisture Removal
5. High Quality Dried Products



SIBIONO – Your Reliable Partner for Efficient Drying Solutions

WIDE APPLICATIONS

ONE MACHINE, MULTIPLE DRYING SOLUTIONS

Our heat pump drying machines are widely used in various industries.
Provide efficient, energy-saving and stable drying solutions for all kinds of materials.



Fruit Dehydration



Meat Dehydration



Vegetables and Spices Dehydration



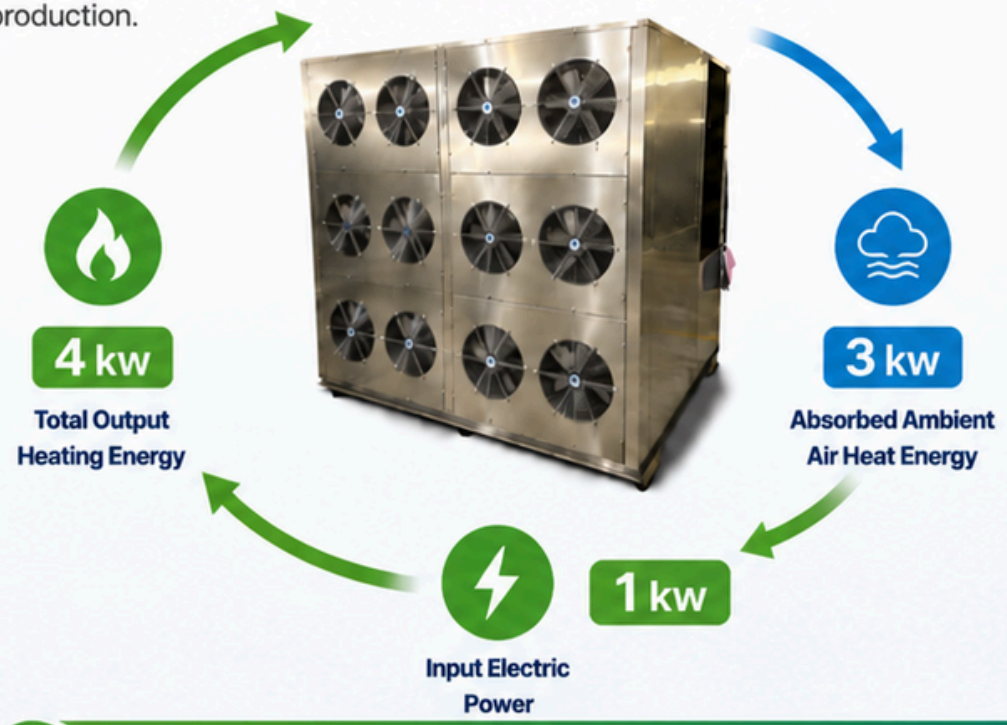
10–45°C Low Temp: Seafood & Meat Closed-Loop Dehumidification



WHY CHOOSE SIBIONO
HEAT PUMP DRYING MACHINE?

EXCEPTIONAL ENERGY EFFICIENCY, LOWER OPERATING COSTS

SIBIONO heat pump drying machine adopts advanced thermodynamic heat pump technology, delivering more drying power with less energy consumption. **Save energy, reduce costs,** and support sustainable production.



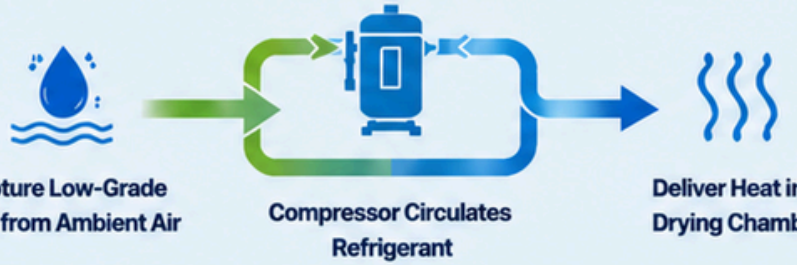
HIGH ENERGY EFFICIENCY

4 kw	3 kw	1 kw
Total Output Heating Energy	Absorbed Ambient Air Heat Energy	Input Electric Power

COP up to 4.0

4 kW of heat for every 1 kW of electricity

HOW IT WORKS



SAVE ENERGY, REDUCE COSTS, PROTECT THE PLANET | Smarter Drying, Better Future.

LOWER OPERATING COSTS
Save more energy, reduce production costs.

ENVIRONMENTALLY FRIENDLY
Lower carbon emissions, support sustainable production.

RELIABLE & STABLE
Advanced technology ensures consistent and stable performance.

BUILT TO LAST
High-quality components for long service life and durability.

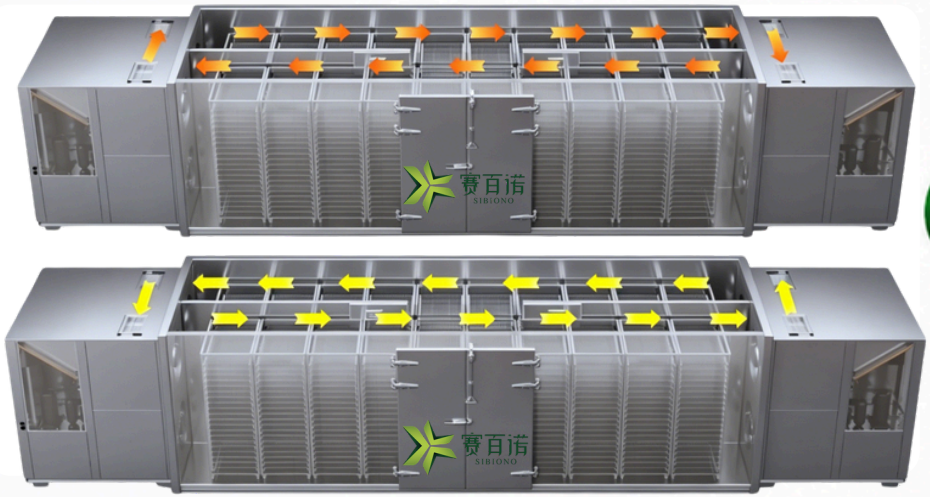
SIBIONO UNIQUE

MORE EVEN DRYING • HIGHER EFFICIENCY • BETTER QUALITY

CHOOSE BETTER, DRY SMARTER

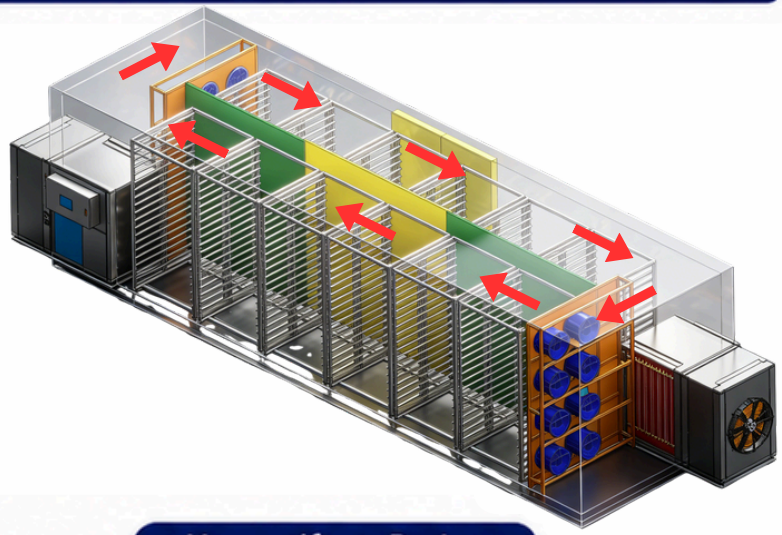
360° BIDIRECTIONAL HOT AIR CIRCULATION SYSTEM

BIDIRECTIONAL HEAT PUMP DRYER (SIBIONO)



VS

UNIDIRECTIONAL HEAT PUMP DRYER (OTHER BRANDS)



Uniform Drying

Consistent Temperature
Even temperature in every area.

Consistent Hot Air
Balanced airflow in all directions.

Consistent Humidity
Even humidity everywhere.

More Stable Product
More uniform dryness, higher stability.



Non-uniform Drying

Uneven Temperature
Hot and cold spots.

Uneven Hot Air
Airflow in one direction.

Uneven Humidity
High humidity in some areas.

Less Stable Product
Uneven dryness, lower stability.



EVEN IN EVERY TRAY, EXCELLENT IN EVERY BATCH

Consistent Quality, Higher Efficiency, Greater Value.

SIBIONO HEAT PUMP DRYING MACHINE
POWERED BY PREMIUM COMPONENTS

HIGH EFFICIENCY • ENERGY SAVING • RELIABLE PERFORMANCE



HIGH EFFICIENCY EVI SCROLL COMPRESSOR



304 STAINLESS STEEL EVAPORATOR & CONDENSER



ENERGY-SAVING DEHUMIDIFICATION HEAT RECOVERY SYSTEM



304 STAINLESS STEEL CASING & INSULATION BOX



High Efficiency
Lower Energy Consumption

Energy Saving
Reduce Operating Costs

Reliable Performance
Stable & Durable

Premium Quality
Built to Last

AUTOMATIC INTELLIGENT CONTROL SYSTEM

Smart · Precise · Reliable

Advanced control technology ensures stable operation, high efficiency and easy management of the drying process.



WKD6070C

REMOTE CONTROL

Monitor & control anytime, anywhere

10-STAGE CONTROL

10-stage precise temperature & humidity control

HIGH ACCURACY

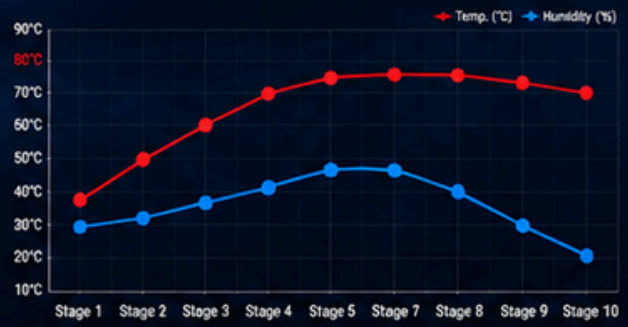
Stable environment, precise & reliable

SAFE & RELIABLE

Multiple protection for worry-free operation



10-Stage Temperature & Humidity Control



Intelligent 10-stage control for precise temperature and humidity management across the entire drying process.

WIDE TEMPERATURE RANGE

Temperature control range: 10°C ~ 80°C. Customizable settings to meet different materials and process requirements.

REMOTE MONITORING

Support WiFi/4G remote monitoring and control. Real-time data upload, alarms & status notification.

DATA SECURITY & PROTECTION

Multi-level protection system to ensure equipment safety and stable operation.

10°C
Min. Temp. (Customizable)

→ Wide Control Range

80°C
Max. Temp. (Customizable)

Precise Control ±1°C Accuracy

Intelligent Programs Multi-stage Recipes

Alarm System Real-time Alerts

Energy Saving High Efficiency

OUR PRODUCT SERIES

THREE SERIES TO MEET DIFFERENT PRODUCTION SCALES AND DRYING NEEDS

MH SERIES — Dual Heat Pump Dehumidifier



For Medium to Large Industrial Drying

- **High Efficiency**
  Dual heat pump system
- **Stable & Reliable**
  24/7 continuous operation
- **Customizable**
  Flexible configuration

DH SERIES — Single Heat Pump Dehumidifier



For Medium Commercial Drying

- **Energy Saving**
  Lower energy consumption
- **Easy Operation**
  Intelligent control system
- **Wide Application**
  Food, agricultural, commercial

SH SERIES — Heat Pump Drying Box



For Small Batch Drying

PLUG & DRY
No Installation Required

- **Plug & Dry**
  Connect power and use
- **Compact & Portable**
  No installation needed
- **Accurate Control**
  Stable temperature & humidity

ONE MACHINE MULTIPLE SOLUTIONS

Choose the right series for your business!

HIGH EFFICIENCY | ENERGY SAVING | RELIABLE | CUSTOMIZABLE

SH Series Heat Pump Dryer

Structure Overview

Single-end Heat Pump Dehumidification • Precision Airflow Control • Batch Drying • Plug-and-Play Operation

1 Single-end Heat Pump Heating & Dehumidification
Efficient heating and dehumidification from one end.

2 100-300KG Batch Directional Hot Air
Precise airflow control with small temperature difference.

3 300-600KG Batch Bidirectional Hot Air
Reverse airflow system to balance temperature difference.

4 Small Batch Drying, Plug-and-Play
Compact design, no installation needed, just plug in and use.









Uniform Drying
Better Quality

Energy Efficient
Lower Cost

Stable & Reliable
Long Service Life

Wide Applications
Multi-Industry Use


Fruits


Vegetables


Meats


Herbs & Spices


More

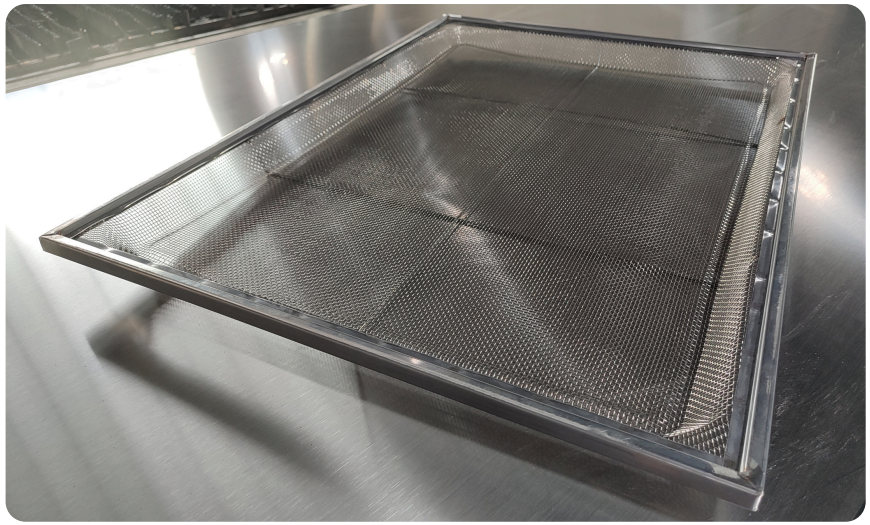
SH-K01 MODEL

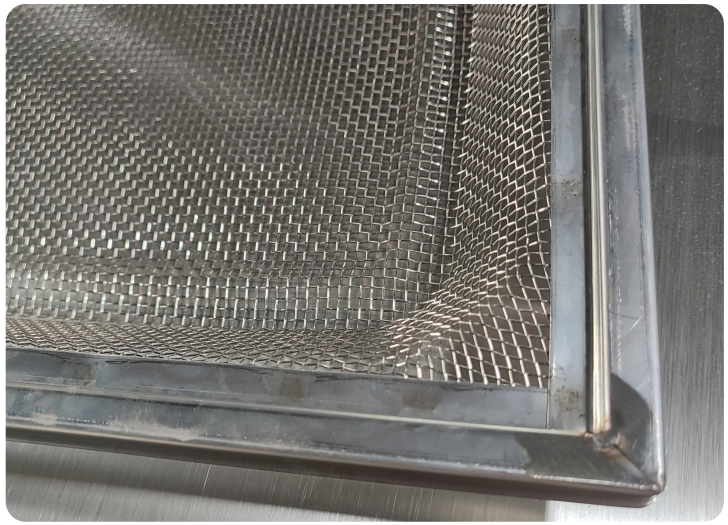
Model No.	SH-K01
Capacity	30-100kg/batch
Power Supply	1ph 220-240V 50Hz/60Hz
Power Input	1.5Kw
Running Current	6.82A
Fast Heating-up	1.6Kw
Maximum Power	3.1Kw
Working Temperature	40-75℃
Moisture Removal	3.5 kg/hr
Dehumidification Mode	Open-Loop / Closed-Loop
Air Circulation Mode	Horizontal Uni Airflow
Air Flow	1800 m³/h (@180Pa)
Material	Stainless Steel
Overall Dimensions	L1375*W760*2050 mm
System Total HP	1 HP
Refrigerant	R134a, 0.7kg, 1 Comp.
Structure Type	Cabinet Type Dryer + Trays



Material	SS 304	Dimension	L800*W600*H50mm	Wire Diameter	0.81mm	Mesh Aperture	5*5mm	Quantity	16 pcs







SH-K03 MODEL

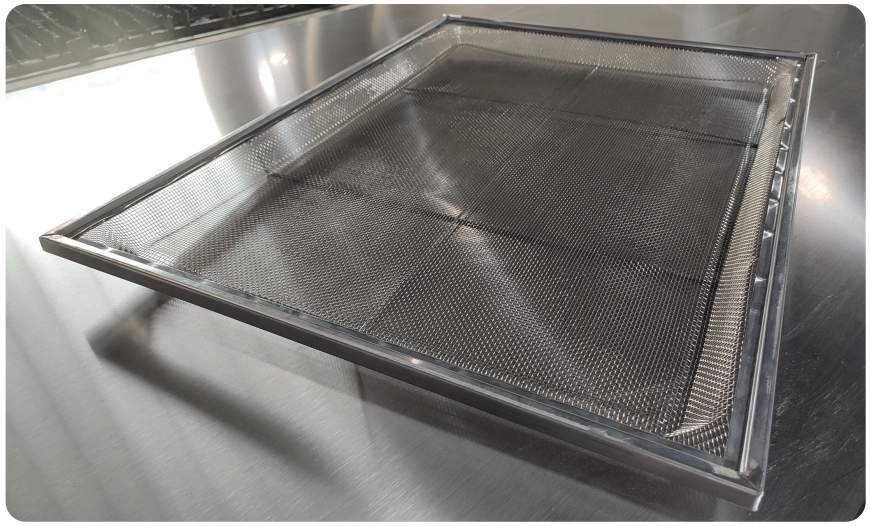
Model No.	SH-K03
Capacity	100-300kg/batch
Power Supply	1ph 220-240V 50Hz/60Hz
Power Input	4.75Kw
Running Current	9.5A
Fast Heating-up	9Kw
Maximum Power	13.75Kw
Working Temperature	40-75℃
Moisture Removal	12 kg/hr
Dehumidification Mode	Open-Loop / Closed-Loop
Air Circulation Mode	Horizontal Uni Airflow
Air Flow	15000 m³/h (@180Pa)
Material	Stainless Steel
Overall Dimensions	L2200*W1520*1935 mm
System Total HP	3 HP
Refrigerant	R134a, 0.7kg, 1 Comp.
Structure Type	Cabinet Type Dryer + Trays

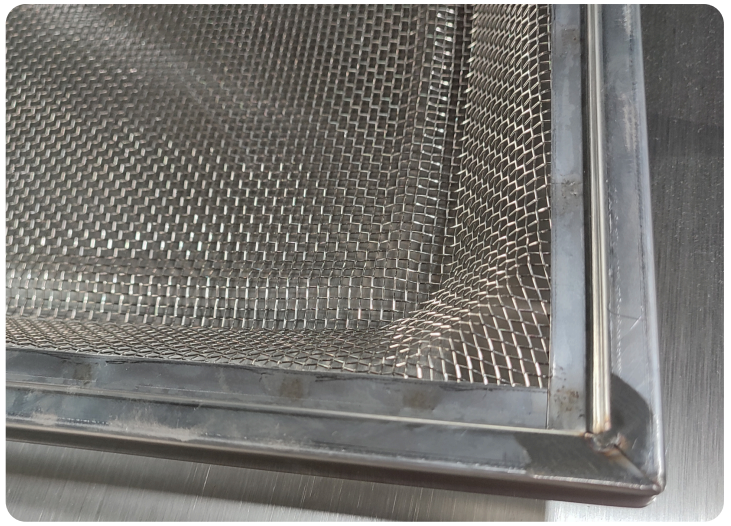




Material	SS 304	Dimension	L800*W600*H50mm	Wire Diameter	0.81mm	Mesh Aperture	5*5mm	Quantity	40-80pcs







SH-K07 MODEL

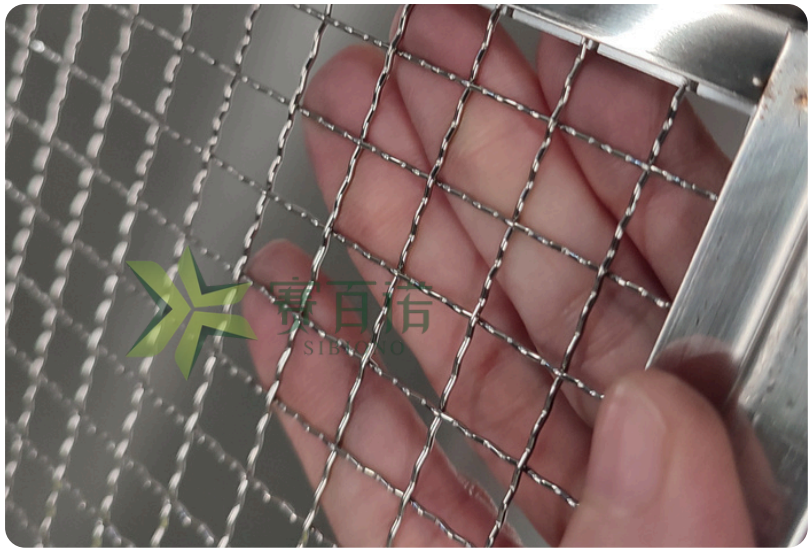
Model No.	SH-K07
Capacity	300-500kg/batch
Power Supply	380-415V 3Ph 50Hz/60Hz
Power Input	12.48Kw
Running Current	24.96A
Fast Heating-up	9Kw *(Can be disabled)*
Maximum Power	21.48Kw
Working Temperature	Max. temperature: 75℃
Moisture Removal	25 kg/hr
Dehumidification Mode	Open-Loop / Closed-Loop
Air Circulation Mode	Horizontal Uni Airflow
Air Flow	20000 m³/h (@160Pa)
Remote Control	Control via Mobile APP
Overall Dimensions	L4130*W2000*2340 mm
System Total HP	7 HP HEAT PUMP
Refrigerant	R134a, 4.8kg* Comp.

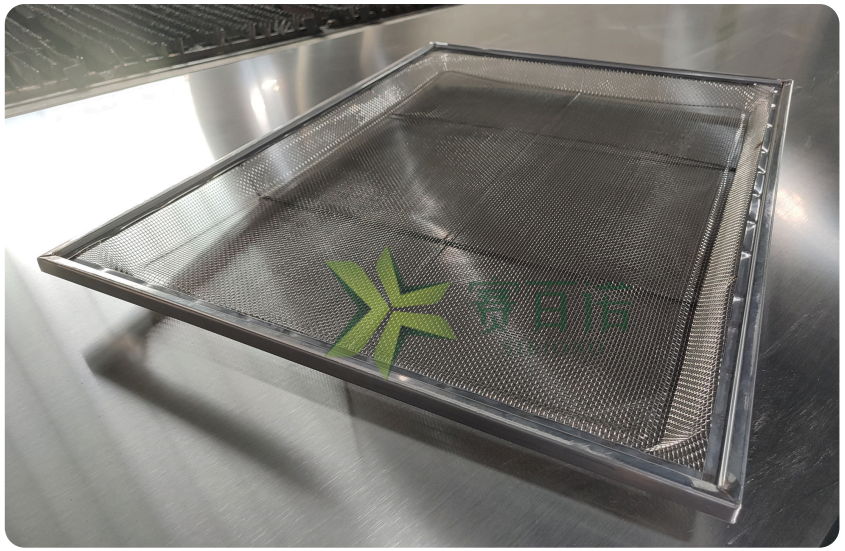
DUAL HEAT PUMP DRYER





Tray	Material	SS 201	Dimension	L800*W600*H50mm	Wire Diameter	0.81mm	Mesh Aperture	5*5mm	**Quantity**	**120 pcs**
Trolley	Material	SS 304	Dimension	L810*W670*H1820mm	Tube thickness	1.0mm	Num. of layers	20 layers	**Quantity**	**6 pcs**







DH Series Heat Pump Dryer

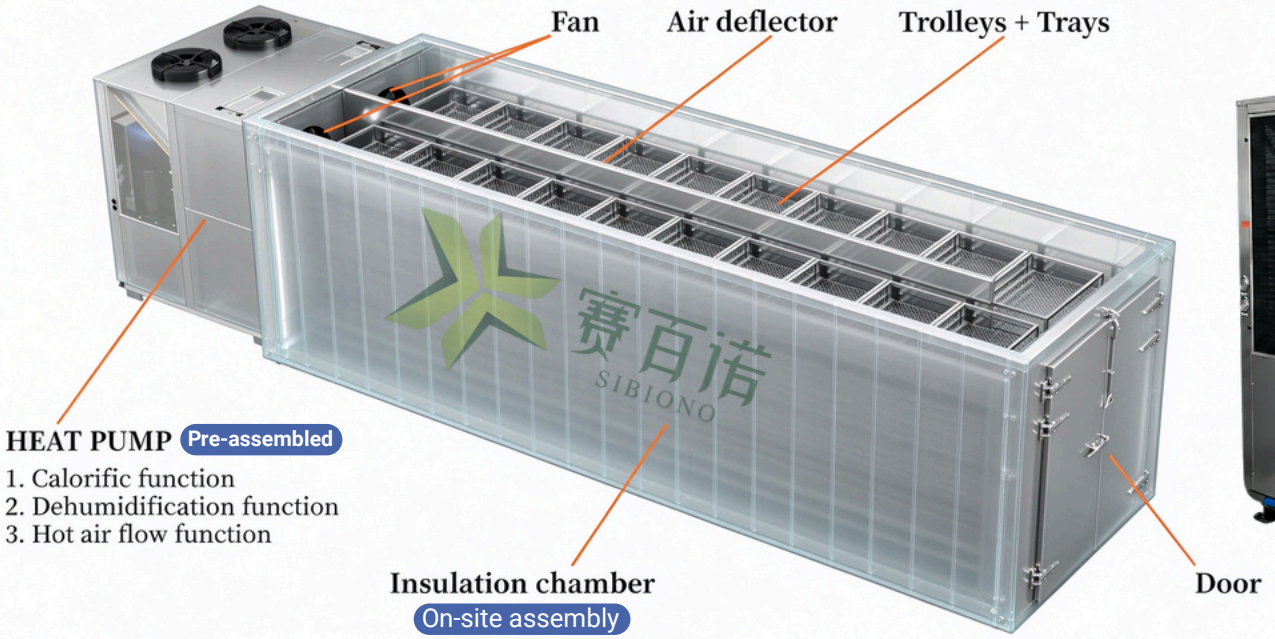
Structure Overview

Single-end Heat Pump Dehumidification • Reversible Hot Air System • Medium-Batch Precision Drying

1 Single-end Heat Pump
Heating & Dehumidification
Efficient dehumidification and heating from one end.

2 Bidirectional Reversible Hot Air System
Balances temperature difference for uniform drying.

3 Medium-Batch Precision Drying
Ideal for medium-batch drying with consistent and precise results.





Uniform Drying
Better Quality

Energy Efficient
Lower Cost

Stable & Reliable
Long Service Life

Wide Applications
Multi-Industry Use


Fruits


Vegetables


Meats


Herbs & Spices

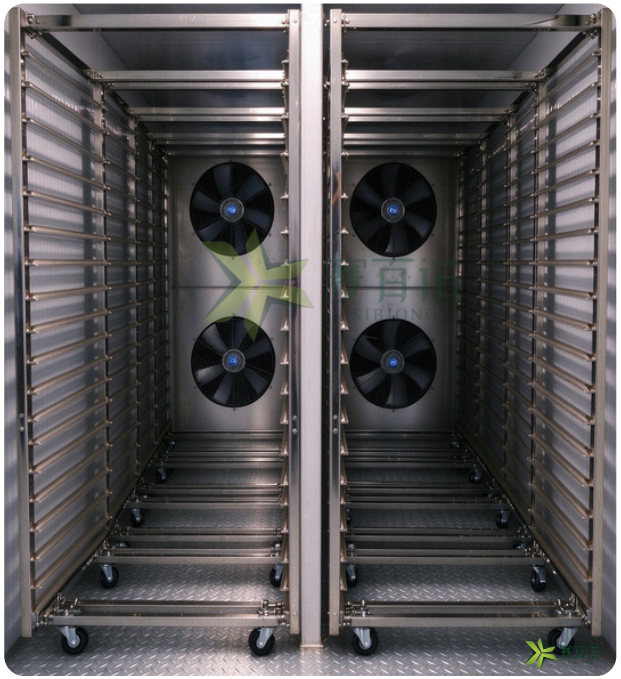

More

DH-K07 MODEL

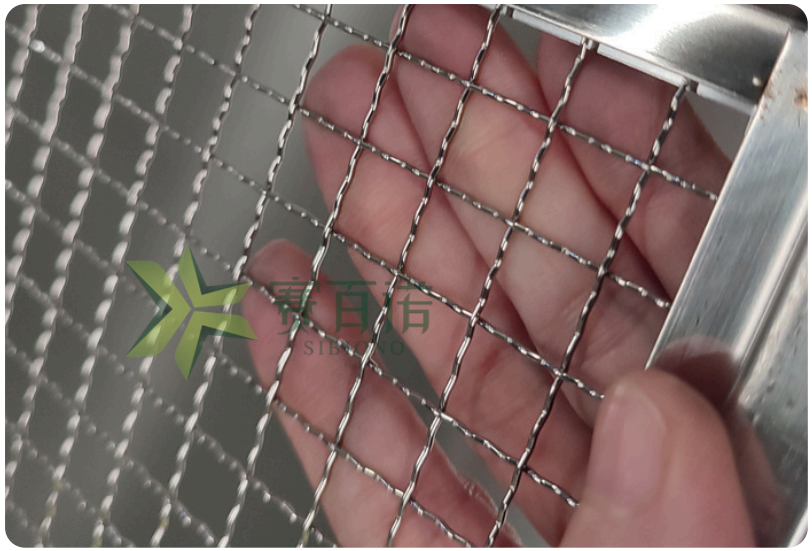
Model No.	DH-K07
Capacity	400-500kg/batch
Power Supply	380-415V 3Ph 50Hz/60Hz
Power Input	12.48Kw
Running Current	24.96A
Fast Heating-up	12Kw *(Can be disabled)*
Maximum Power	24.48Kw
Working Temperature	Max. temperature: 75℃
Moisture Removal	25 kg/hr
Dehumidification Mode	Open-Loop / Closed-Loop
Air Circulation Mode	Horizontal Uni Airflow
Air Flow	20000 m³/h (@160Pa)
Remote Control	Control via Mobile APP
Overall Dimensions	L5400*W2200*2160 mm
System Total HP	7 HP HEAT PUMP
Refrigerant	R134a, 4.8kg*1 Comp.

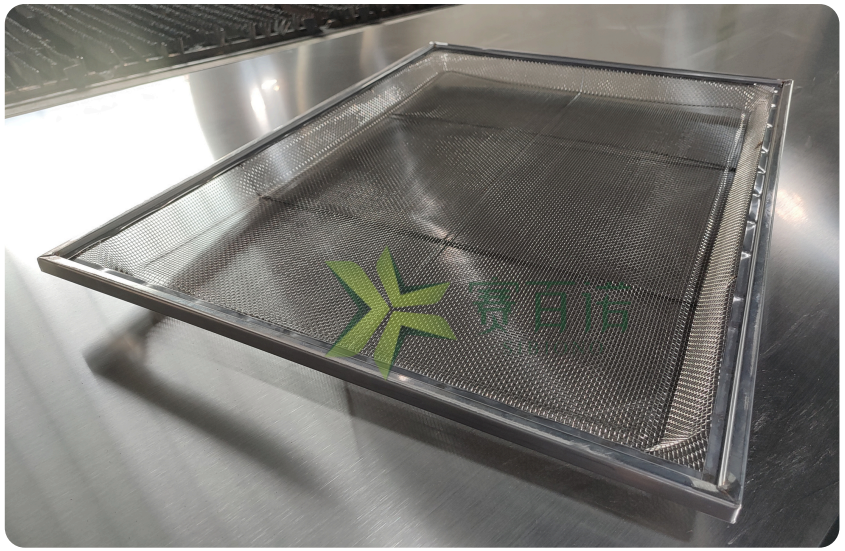
DUAL HEAT PUMP DRYER





Tray	Material	SS 304	Dimension	L800*W600*H50mm	Wire Diameter	0.81mm	Mesh Aperture	5*5mm	**Quantity**	**200 pcs**
Trolley	Material	SS 304	Dimension	L810*W670*H1820mm	Tube thickness	1.0mm	Num. of layers	20 layers	**Quantity**	**10 pcs**





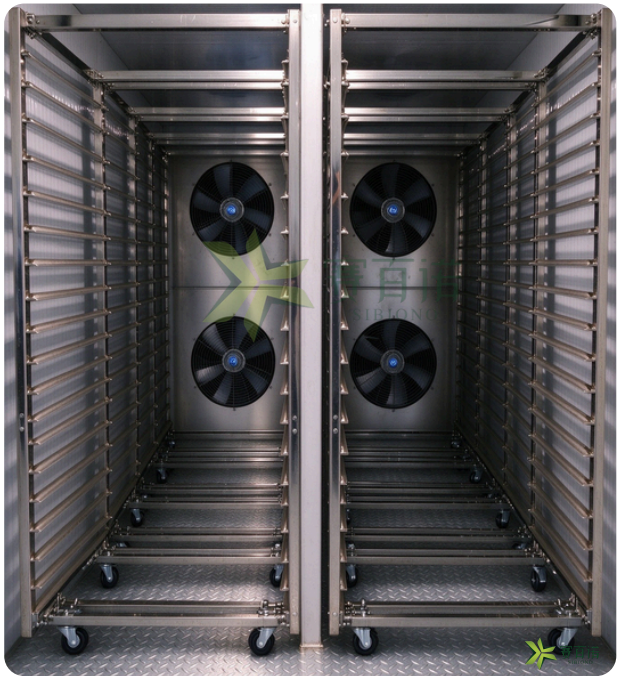


DH-K12 MODEL

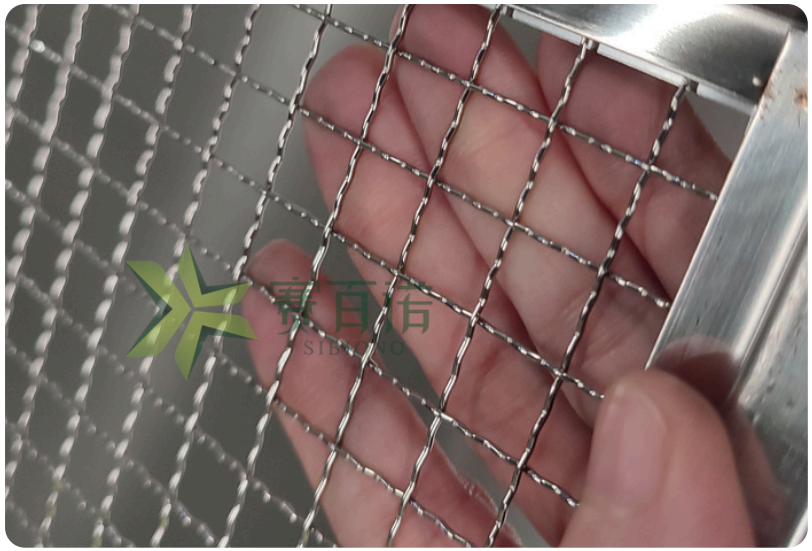
Model No.	DH-K12
Capacity	600-900kg/batch
Power Supply	380-415V 3Ph 50Hz/60Hz
Power Input	19.1Kw
Running Current	38.2A
Fast Heating-up	12Kw *(Can be disabled)*
Maximum Power	34.1Kw
Working Temperature	Max. temperature: 75℃
Moisture Removal	48 kg/hr
Dehumidification Mode	Open-Loop / Closed-Loop
Air Circulation Mode	Horizontal Uni Airflow
Air Flow	28000 m³/h (@280Pa)
Remote Control	Control via Mobile APP
Overall Dimensions	L7000*W2200*2160 mm
System Total HP	12 HP HEAT PUMP
Refrigerant	R134a, 4.2kg*2 Comp.

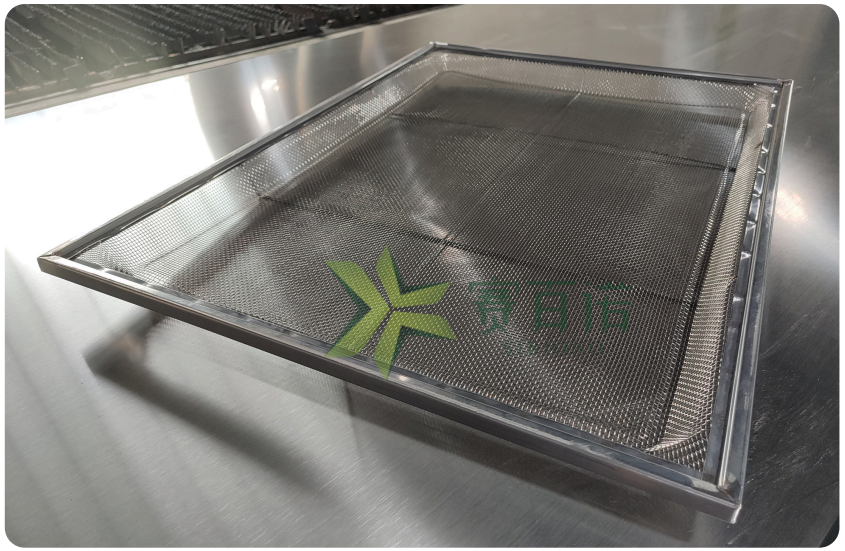
DUAL HEAT PUMP DRYER





Tray	Material	SS 304	Dimension	L800*W600*H50mm	Wire Diameter	0.81mm	Mesh Aperture	5*5mm	**Quantity**	**280 pcs**
Trolley	Material	SS 304	Dimension	L810*W670*H1820mm	Tube thickness	1.0mm	Num. of layers	20 layers	**Quantity**	**14 pcs**





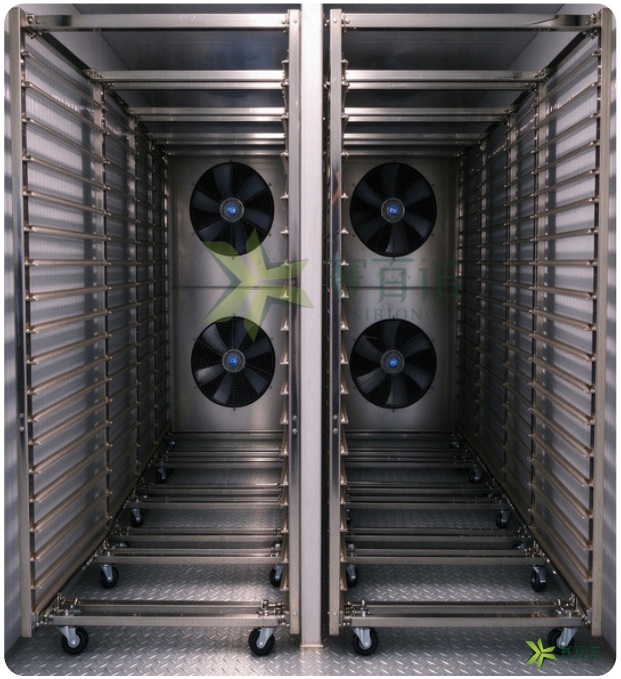


DH-K15 MODEL

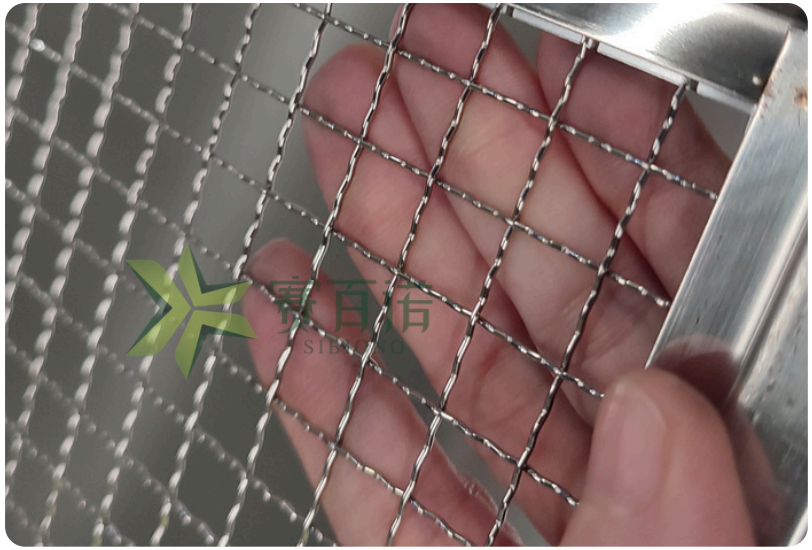
Model No.	DH-K15
Capacity	800-1000kg/batch
Power Supply	380-415V 3Ph 50Hz/60Hz
Power Input	21.1Kw
Running Current	42.2A
Fast Heating-up	15Kw (Can be disabled)
Maximum Power	36.1Kw
Working Temperature	Max. temperature: 75℃
Moisture Removal	60 kg/hr
Dehumidification Mode	Open-Loop / Closed-Loop
Air Circulation Mode	Horizontal Uni Airflow
Air Flow	28000 m³/h (@280Pa)
Remote Control	Control via Mobile APP
Overall Dimensions	L7450*W2200*2160 mm
System Total HP	15 HP HEAT PUMP
Refrigerant	R134a, 4.8kg*2 Comp.

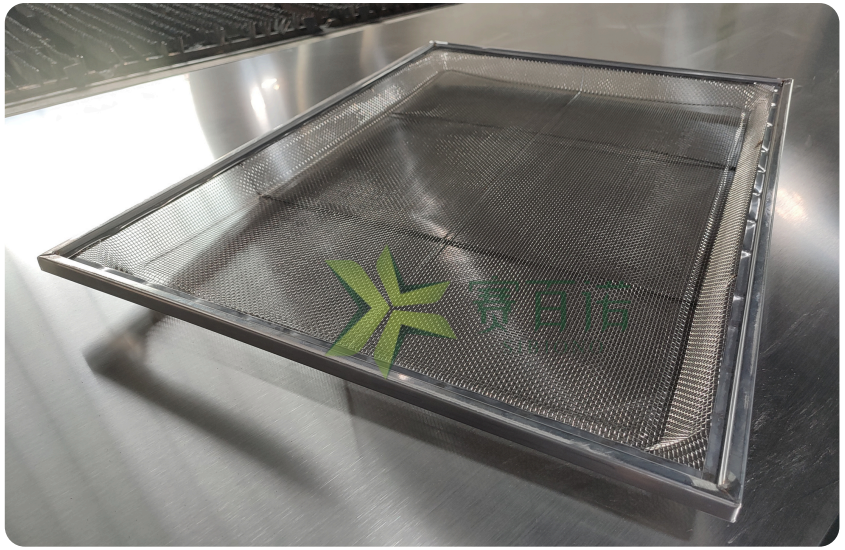
DUAL HEAT PUMP DRYER





Tray	Material	SS 304	Dimension	L800*W600*H50mm	Wire Diameter	0.81mm	Mesh Aperture	5*5mm	Quantity	320 pcs
Trolley	Material	SS 304	Dimension	L810*W670*H1820mm	Tube thickness	1.0mm	Num. of layers	20 layers	Quantity	16 pcs







MH Series Heat Pump Dryer

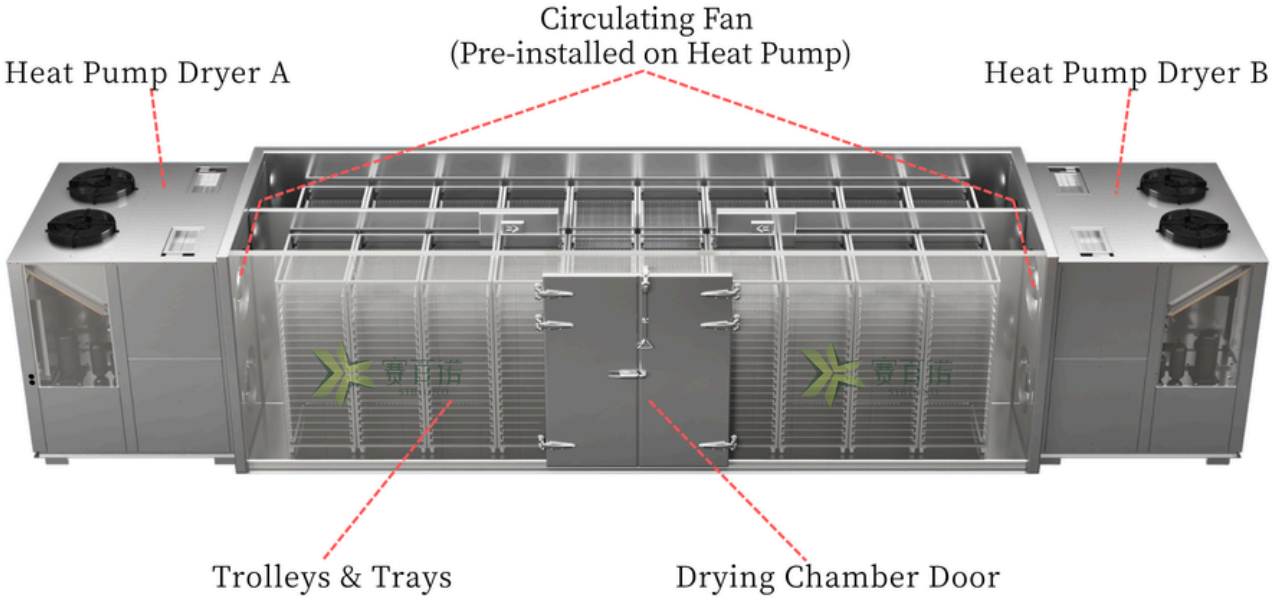
Structure Overview

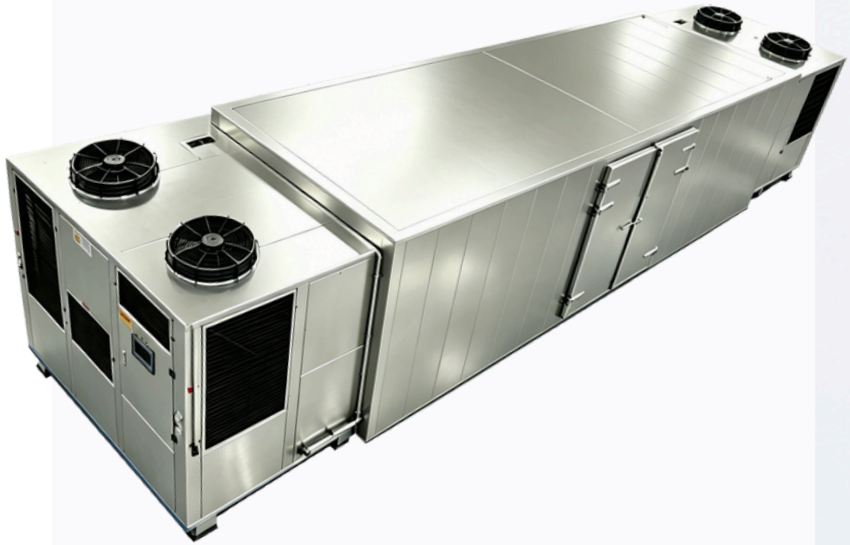
Dual-side Dehumidification • Timed Airflow Reversal • High-Precision Batch Drying

1 Dual-side Dehumidification
Heat & dehumidify at both ends, ensuring uniform drying.

2 Timed Airflow Reversal
Automatic timed reversal of hot air, ensuring even drying.

3 High-Precision Batch Drying
Ideal for high-precision, large-batch drying with consistent quality.





Uniform Drying
Better Quality

Energy Efficient
Lower Cost

Stable & Reliable
Long Service Life

Wide Applications
Multi-Industry Use


Fruits


Vegetables


Meats


Herbs & Spices

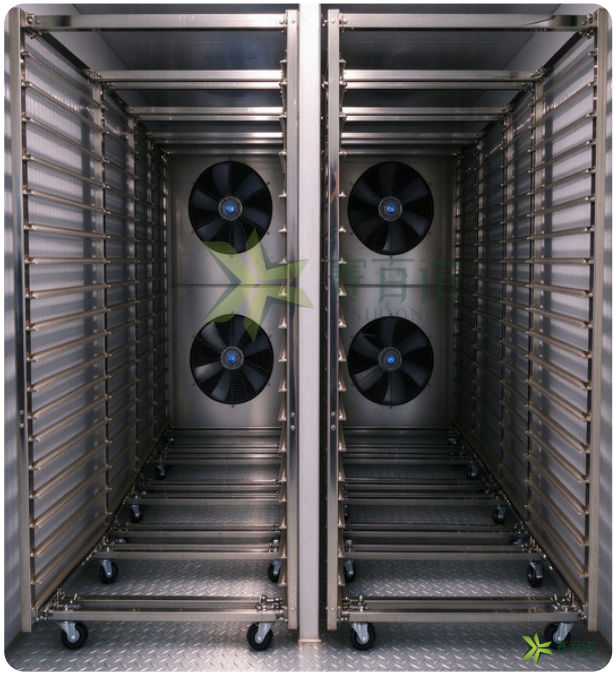

More

MH-15E MODEL

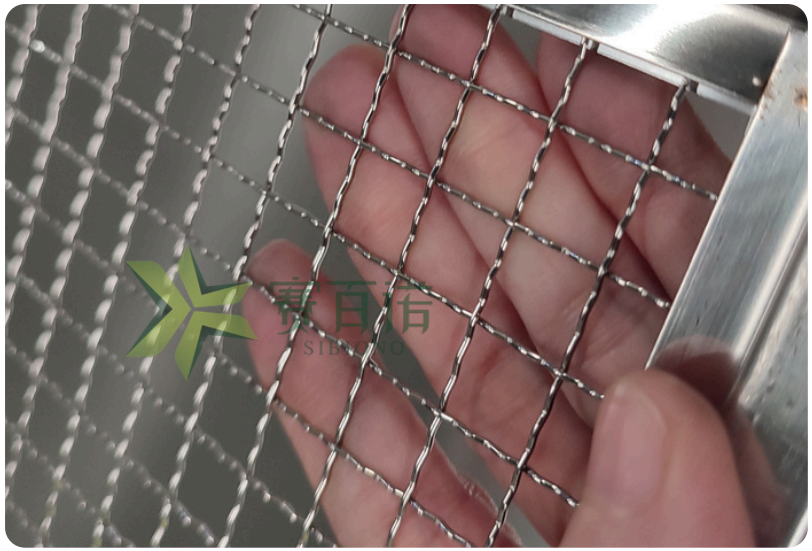
Model No.	MH-15E
Capacity	1000-1200kg/batch
Power Supply	380-415V 3Ph 50Hz/60Hz
Power Input	24.96Kw
Running Current	49.92A
Fast Heating-up	12Kw *(Can be disabled)*
Maximum Power	36.96Kw
Working Temperature	Max. temperature: 75℃
Moisture Removal	56 kg/hr
Dehumidification Mode	Open-Loop / Closed-Loop
Air Circulation Mode	Horizontal Uni Airflow
Air Flow	40000 m³/h (@160Pa)
Remote Control	Control via Mobile APP
Overall Dimensions	L9600*W2200*2160 mm
System Total HP	DUAL 7 HP HEAT PUMP
Refrigerant	R134a, 4.8kg*2 Comp.

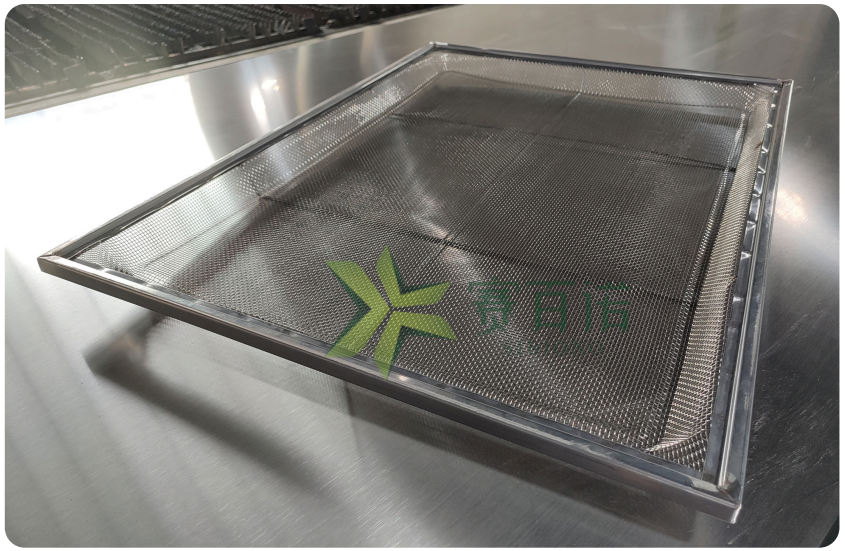
DUAL HEAT PUMP DRYER





Tray	Material	SS 304	Dimension	L800*W600*H50mm	Wire Diameter	0.81mm	Mesh Aperture	5*5mm	**Quantity**	**400 pcs**
Trolley	Material	SS 304	Dimension	L810*W670*H1820mm	Tube thickness	1.0mm	Num. of layers	20 layers	**Quantity**	**20 pcs**





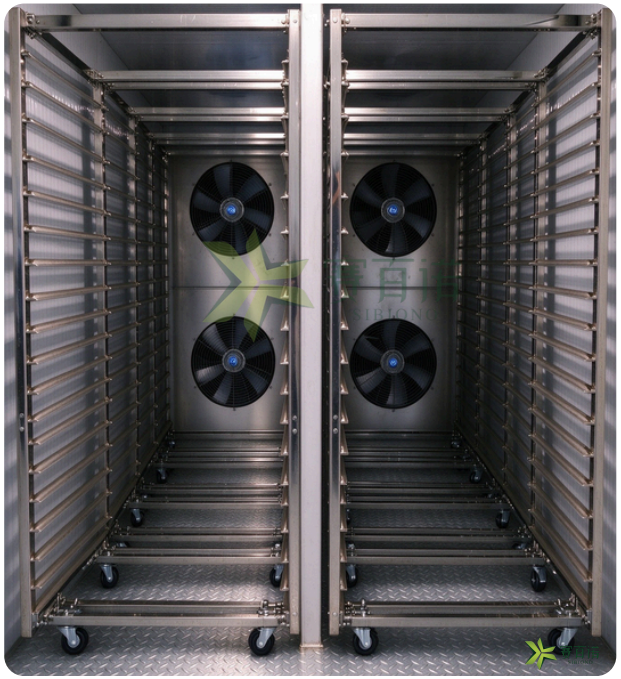


MH-20E MODEL

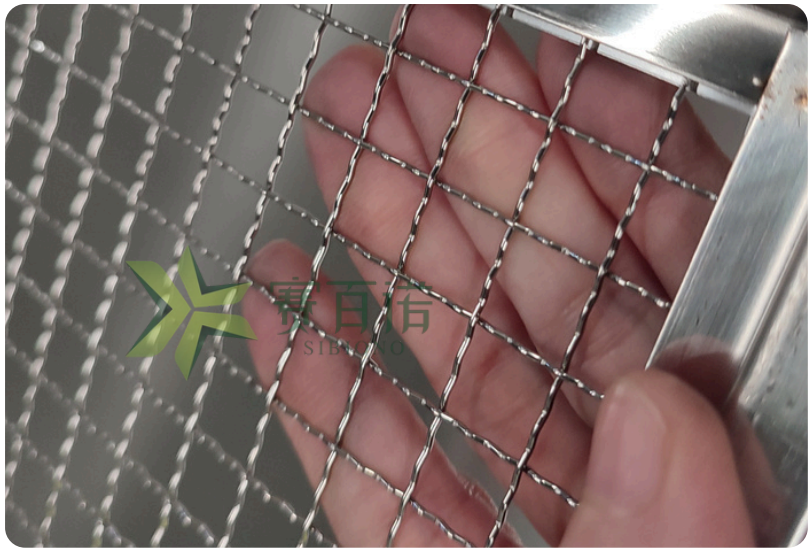
Model No.	MH-20E
Capacity	1200-1500kg/batch
Power Supply	380-415V 3Ph 50Hz/60Hz
Power Input	35.8Kw
Running Current	71.6A
Fast Heating-up	12Kw *(Can be disabled)*
Maximum Power	47.8Kw
Working Temperature	Max. temperature: 75℃
Moisture Removal	80 kg/hr
Dehumidification Mode	Open-Loop / Closed-Loop
Air Circulation Mode	Horizontal Uni Airflow
Air Flow	56000 m³/h (@280Pa)
Remote Control	Control via Mobile APP
Overall Dimensions	L9820*W2900*2160 mm
System Total HP	DUAL 10 HP HEAT PUMP
Refrigerant	R134a, 4kg*2 Comp.

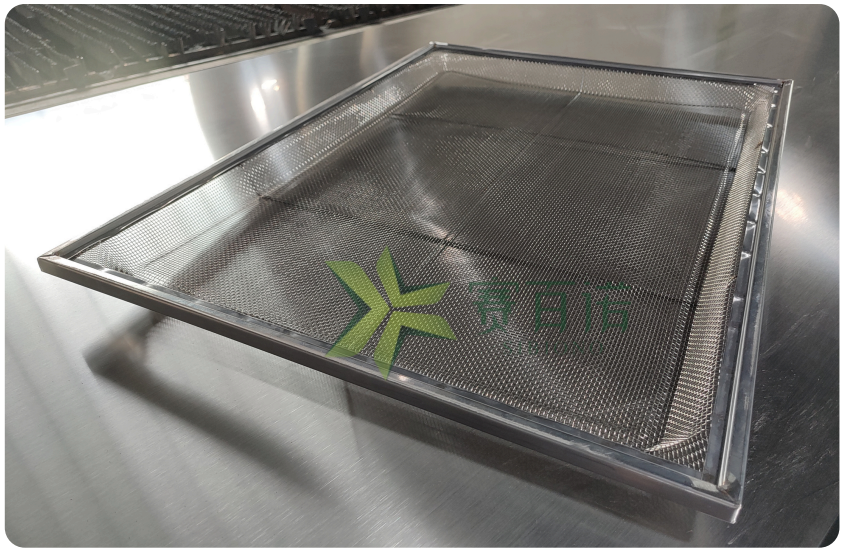
DUAL HEAT PUMP DRYER





Tray	Material	SS 304	Dimension	L800*W600*H50mm	Wire Diameter	0.81mm	Mesh Aperture	5*5mm	**Quantity**	**480 pcs**
Trolley	Material	SS 304	Dimension	L810*W670*H1820mm	Tube thickness	1.0mm	Num. of layers	20 layers	**Quantity**	**24 pcs**





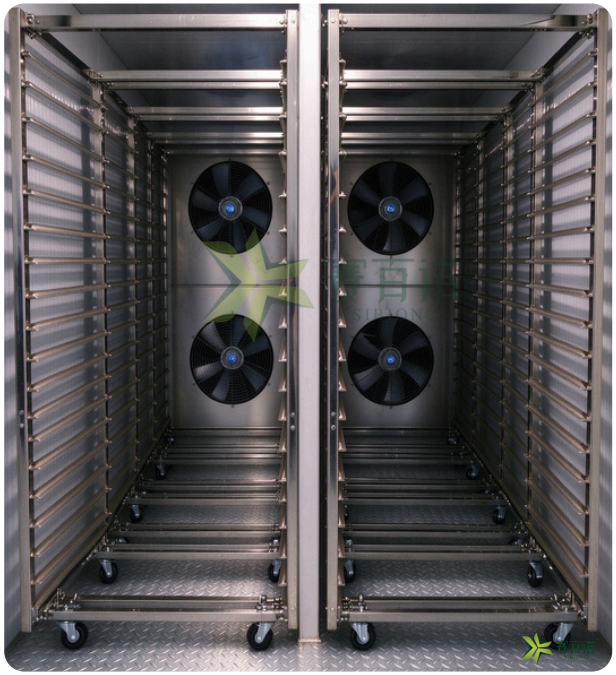


MH-24E MODEL

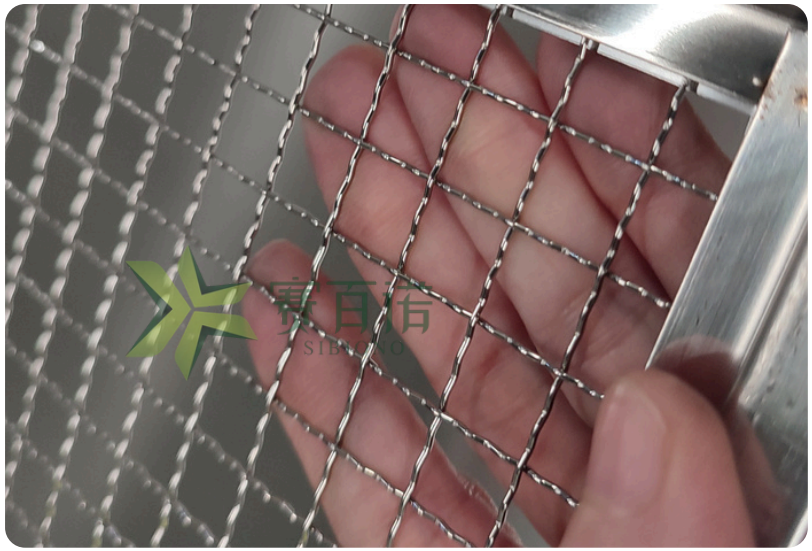
Model No.	MH-24E
Capacity	1300-1600kg/batch
Power Supply	380-415V 3Ph 50Hz/60Hz
Power Input	38.2Kw
Running Current	76.4A
Fast Heating-up	12Kw *(Can be disabled)*
Maximum Power	50.2Kw
Working Temperature	Max. temperature: 75℃
Moisture Removal	96 kg/hr
Dehumidification Mode	Open-Loop / Closed-Loop
Air Circulation Mode	Horizontal Uni Airflow
Air Flow	56000 m³/h (@280Pa)
Remote Control	Control via Mobile APP
Overall Dimensions	L10690*W2900*2160 mm
System Total HP	DUAL 12 HP HEAT PUMP
Refrigerant	R134a, 4.2kg*2 Comp.

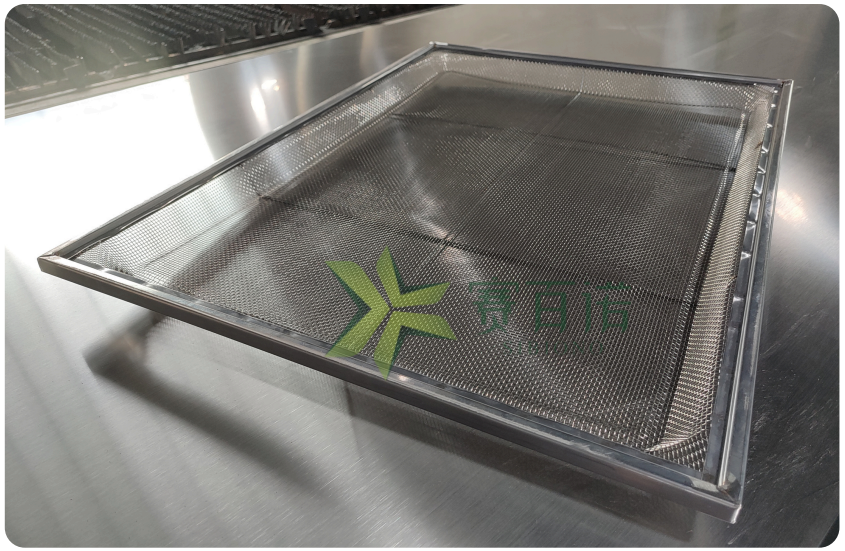
DUAL HEAT PUMP DRYER





Tray	Material	SS 304	Dimension	L800*W600*H50mm	Wire Diameter	0.81mm	Mesh Aperture	5*5mm	**Quantity**	**560 pcs**
Trolley	Material	SS 304	Dimension	L810*W670*H1820mm	Tube thickness	1.0mm	Num. of layers	20 layers	**Quantity**	**28 pcs**





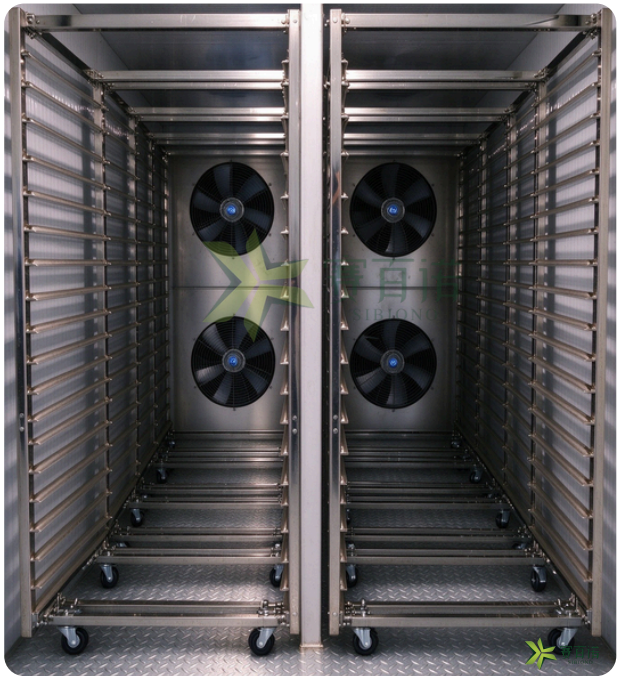


MH-30E MODEL

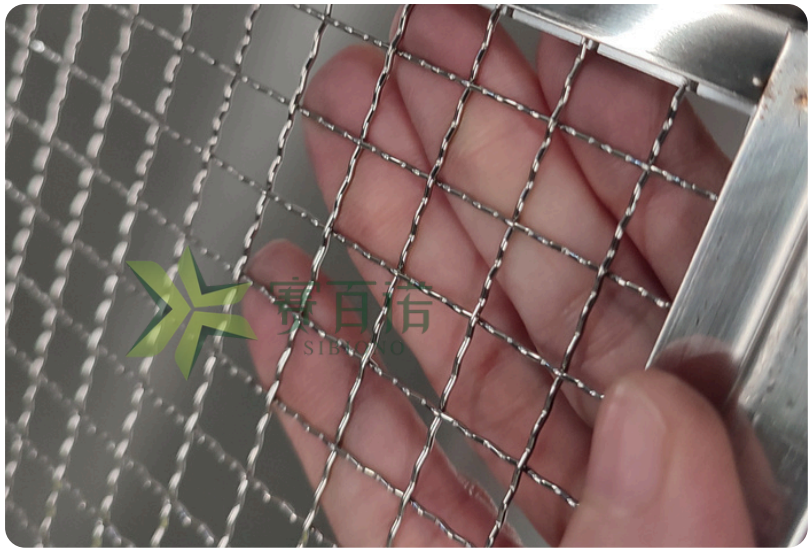
Model No.	MH-30E
Capacity	1800-2000kg/batch
Power Supply	380-415V 3Ph 50Hz/60Hz
Power Input	42.2Kw
Running Current	84.4A
Fast Heating-up	12Kw *(Can be disabled)*
Maximum Power	54.2Kw
Working Temperature	Max. temperature: 75℃
Moisture Removal	120 kg/hr
Dehumidification Mode	Open-Loop / Closed-Loop
Air Circulation Mode	Horizontal Uni Airflow
Air Flow	56000 m³/h (@280Pa)
Remote Control	Control via Mobile APP
Overall Dimensions	L12430*W2900*2160 mm
System Total HP	DUAL 15 HP HEAT PUMP
Refrigerant	R134a, 4.8kg*2 Comp.

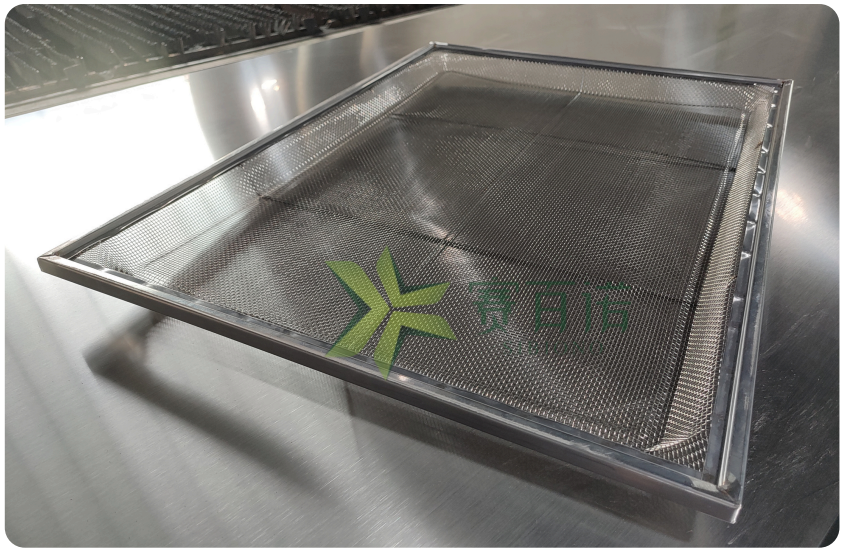
DUAL HEAT PUMP DRYER





Tray	Material	SS 304	Dimension	L800*W600*H50mm	Wire Diameter	0.81mm	Mesh Aperture	5*5mm	**Quantity**	**720 pcs**
Trolley	Material	SS 304	Dimension	L810*W670*H1820mm	Tube thickness	1.0mm	Num. of layers	20 layers	**Quantity**	**36 pcs**







About SIBIONO

Guangzhou SIBIONO Drying Equipment Co., Ltd is a professional manufacturer of heat pump drying equipment. We focus on researching, developing and producing high-efficiency, energy-saving and intelligent drying systems for food, agricultural products, herbs and industrial materials.

With more than 10 years of experience and advanced production technology, we are committed to providing global customers with reliable, customized and energy-saving drying solutions.









10+ Years Experience
Industrial Drying Equipment Manufacturing

100-5000KG
Batch Capacity
Customized Solutions

Up to 75%
Energy Saving
High Efficiency

Global Service
Worldwide Installation and Technical Support

Jack Co-founder



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赛百诺 SIBIONO

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