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Food Dehydrator Manufacturer Since 1994



02

ECO-Series Heat Pump Food Dehydration System

for drying food in a more economical way.

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The most economical drying system

We have installed the whole drying system for you.

IKE ECO series heat pump food dehydration system is an economical all-in-one drying solution IKE specially designed and manufactured for today's customers. It is made of stainless steel. It can be equipped with plastic trays and stainless steel trays.

What can it dry?

- ☑ Fruits and Vegetables
- ☑ Pastas
- ☑ Tea
- ☑ Leaves
- ☑ Meat and Petfood
- ☑ Seafood

It can be used to dry fresh food separately or even together without the worry of mixed fragrance.



Features:

- ▶ Use heat pump technology to save electricity.
- ▶ A convenient all-in-one drying system with a simple room structure. Small drying room but can provide a large spread drying area.
- ▶ Different tray options with different costs to meet various drying needs.
- ▶ The drying system is delivered in a complete set. No installation is needed, which frees users from the installation and assembling troubles.
- ▶ Closed-loop air circulation inside a well insulated drying chamber, only condensed water is discharged during the drying. Little energy loss, clean and hygienic.

02.1 WRH series Embedding Dehydrator

The ECO series heat pump food dehydration system uses the WRH series embedding dehydrator as the host.

WRH-600G dehydrator

WRH-600G is the main dryer of the ECO-600G drying system. It can dry 400-600kg of fresh materials each time. The drying temperature can be adjusted between 50-80 degrees Celsius.



Exhaust hot air outlet



Circulating air inlet



Hot and dry air outlet

Model	WRH-600G
Material	Stainless Steel
Capacity	400~600Kg / batch
Power Supply	380V~3N / 50Hz/60Hz
Power Input	5.0KW
Running Current	10.5A
Fast heating-up	4.5KW
Maximum Power	11.0KW
Dehydration Amount	16.0L/h (@50°C,80%)
Working Temperature	50~80°C
Controller	IKE Smart color-touch-screen
Noise Level	≤75dB(A)
Machine Size(L*W*H)	1800*680*1320mm



WRH-1500G dehydrator

WRH-1500G is the main dryer of the ECO-1500G drying system. It can dry 800kg-1500kg of fresh materials each time. The drying temperature can be adjusted between 50-80 degrees Celsius.



Controller



380V Power supply and system control panel wire connection hole



Hot and dry air outlet

Model	WRH-1500G
Material	Stainless Steel
Capacity	800~1500Kg / batch
Power Supply	380V~3N / 50Hz/60Hz
Power Input	13.0KW
Running Current	20.0A
Fast heating-up	9.0KW
Maximum Power	23.0KW
Dehydration Amount	40.0L/h (@50°C,80%)
Working Temperature	50~80°C
Controller	IKE Smart color-touch-screen
Noise Level	≤75dB(A)
Machine Size(L*W*H)	1800*800*1620mm

04.2 ECO series Heat Pump Dehydration System



The ECO series dehydration system consists of the main machine WRH series dehydrator and the insulated drying room as a whole unit, with the highest capacity and efficiency. It can be loaded into containers and delivered as a complete set. When you receive this dehydration system, just connect to the power supply to use it.



ECO series Dehydration System with Mesh Trays



Model	ECO-600GM	ECO-1500GM
Material	Stainless Steel	Stainless Steel
Capacity	400~600Kg / batch	800~1500Kg / batch
Power Supply	380V~3N / 50Hz/60Hz	380V~3N / 50Hz/60Hz
Power Input	5.0KW	13.0KW
Running Current	10.5A	20.0A
Fast heating-up	4.5KW	9.0KW
Maximum Power	11.0KW	23.0KW
Dehydration Amount	16.0L/h (@50°C,80%)	40.0L/h (@50°C,80%)
Working Temperature	50~80°C	50~80°C
Controller	IKE Smart color-touch-screen	IKE Smart color-touch-screen
Noise Level	≤75dB(A)	≤75dB(A)
Chamber Size(L*W*H)	4100*2000*2100mm	6200*2000*2050mm
S.S.Trolley Size(L*W*H)	1200*880*160mm	1200*880*160mm
Trolley Number	4set	6set
Mesh Tray Size(L*W*H)	1200*880*30mm	1200*880*30mm
Mesh Tray Number	116pcs	174pcs

ECO series Dehydration System with Plastic Trays



Model	ECO-600GP	ECO-1500GP
Material	Stainless Steel	Stainless Steel
Capacity	400~600Kg / batch	800~1500Kg / batch
Power Supply	380V~3N / 50Hz/60Hz	380V~3N / 50Hz/60Hz
Power Input	5.0KW	13.0KW
Running Current	10.5A	20.0A
Fast heating-up	4.5KW	9.0KW
Maximum Power	11.0KW	23.0KW
Dehydration Amount	16.0L/h (@50°C,80%)	40.0L/h (@50°C,80%)
Working Temperature	50~80°C	50~80°C
Controller	IKE Smart color-touch-screen	IKE Smart color-touch-screen
Noise Level	≤75dB(A)	≤75dB(A)
Chamber Size(L*W*H)	4100*2000*2100mm	6200*2000*2050mm
S.S. Trolley Size(L*W*H)	810*610*120mm	810*610*120mm
Trolley Number	8set	16set
Plastic Tray Size(L*W*H)	800*600*60mm	800*600*60mm
Plastic Tray Number	232pcs	464pcs

ECO series Dehydration System with Stainless Steel Trays



Model	ECO-600GS	ECO-1500GS
Material	Stainless Steel	Stainless Steel
Capacity	400~600Kg / batch	800~1500Kg / batch
Power Supply	380V~3N / 50Hz/60Hz	380V~3N / 50Hz/60Hz
Power Input	5.0KW	13.0KW
Running Current	10.5A	20.0A
Fast heating-up	4.5KW	9.0KW
Maximum Power	11.0KW	23.0KW
Dehydration Amount	16.0L/h (@50°C,80%)	40.0L/h (@50°C,80%)
Working Temperature	50~80°C	50~80°C
Controller	IKE Smart color-touch-screen	IKE Smart color-touch-screen
Noise Level	≤75dB(A)	≤75dB(A)
Chamber Size(L*W*H)	4100*2000*2100mm	6200*2000*2050mm
S.S.Trolley Size(L*W*H)	1100*845*1870mm	1100*845*1870mm
Trolley Number	4set	6set
S.S.Tray Size(L*W*H)	780*540*30mm	780*540*30mm
S.S.Tray Number	280pcs	420pcs

Accessories for ECO series food dehydration system

Stainless Steel Tray

Size: 780*540*30mm
Aperture: 6*6mm
Materials: S.S. 304
Weight: 2.1kg



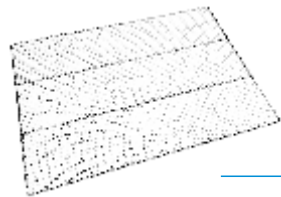
Stainless Steel Trolley for S.S. trays

Size: 1100*845*1870mm
Materials: S.S.201



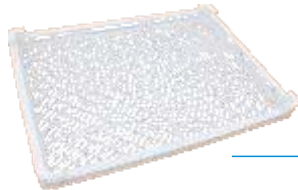
Flat Net Tray

Size: 780*540mm
Aperture: 10*10mm
Materials: S.S. 304



Plastic Tray

Size: 800*600*60mm
Materials: plastic



Stainless Steel Trolley for Plastic trays

Size: 810*610*120mm
Materials: S.S.201



Mesh Tray

Size: 1200*880*30mm
Aperture: 6*6mm
Materials: S.S. 304



Stainless Steel Trolley for Mesh trays

Size: 1200*880*160mm
Materials: S.S.304



Drying is easier than you think



Drying Effect



dried mango



dried grape



dried pawpaw



dried broccoli



dried garlic



dried carrot



dried cardamon



dried chilli



dried long bean



dried jerky



dried meatloaf



dried chicken