Hyundai Enertec, awarded the Minister's Prize of Ministry of Food, Agriculture, Forestry and Fisheries in 2012.

Agricultural Product Dehydrator / Persimmon Dehydrator / Low-temperature storages

Technology of Hyundai Enertec

- Patent acquired by Korean Intellectual Property Office
- Agricultural machine registered by Ministry of Agriculture, Food and Rural Affairs
- Central counterparty contract with National Agricultural Cooperatives Federation for agricultural machines
- Agricultural machine registered by Korea Agricultural Machinery Industry Cooperative
- Model recognition by National Institute of Agricultural Sciences
- Certified by Korea Testing Certification
- Renewable Energy Certification from Korea Energy Agency

The best-selling dehydrators for 12 years in a row
No.1
HYUNDAI ENERTEC

With excellent technology and quality, Hyundai Enertec has been the No. 1 de-hydrator seller for 12 consecutive years.

Only Hyundai Enertec's dehydrators have been being exported worldwide in Korea.



A leader in environment-friendly agriculture in the 21st century
HYUNDAI ENERTEC Co., Ltd.

Hyundai Turbo Agricultural Product Dehydrator

Financing from NongHyup: payable in 7 years with a one-year grace period

Completely improved dehydrators! New Hyundai Turbo dehydrators with inimitable technology.


HDG-115A | 15 trays


HDG-230A | 30 trays


HDG-345A | 45 trays

Why Hyundai Turbo Hydrators are more loved by consumers?

01	Constant temperature and dehydration	Precise sensor allows even dehydration without inside temperature difference.
02	More maximum load	4 more trays than existing dehydrators increase the maximum load of dehydration.
03	Shorter dehydration time	With high-flow rate turbofan, dehydration time is considerably reduced.
04	Newer functions	Hyundai Enertec's own features 'for peppers' help make high-quality dehydrated products conveniently.
05	Optimal energy design	Optimal heated air circulation system reduces energy costs.
06	Reasonable space utilization and sophisticated design	Optimal and wider interior space and sophisticated design.
07	Independent compartments	Ultra power-saving method that allows operating each compartment according to dehydration loads.

Specifications

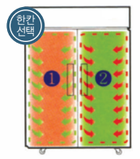
MODEL	HDG-115A	HDG-230A	HDG-345A
Rated power	Single-phase 220V 60Hz		
Power consumption	2.2kW	4.4kW	6.6kW
Fan type	Turbofan heated-air circulation		
The number of trays	15	30	45
The maximum load allowed	70kg	140kg	210kg
Size(W×D×H)	655×810×1900(mm)	1260×810×1900(mm)	1865×810×1900(mm)

※ The color and performance of the product are subject to change without prior notice for product improvement.

Dehydrate products according to dehydration loads, and experience amazing reduction of energy bills.



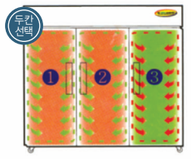
For a large amount of dehydration load (Operate both ①/②)



For a small amount of dehydration load (Operate ① compartment)



For a small amount of dehydration load (Operate ① compartment)



For moderate dehydration load (Operate both ①/②)



For a large amount of dehydration load (Operate all three compartments of ①/②/③)

The world's first 3-layer automatic thermostatic system allows keeping the same quality of dehydrated peppers (Other companies' dehydrators provide only 2-layer control).

Hyundai Premium Agricultural Product Dehydrator

Financing from NongHyup: payable in 7 years with a one-year grace period

Hyundai Agricultural Product Dehydrators' technology and beautiful design has been recognized and exported throughout the world
(The best-selling dehydrators for 9 consecutive years in Korea)


HDG-111A | 11 trays


HDG-222A | 22 trays


HDG-333A | 33 trays

Major Features

01 Independent compartments
- Independent control method for each compartment
- Accurate temperature control through precise control sensors.
- Operating necessary compartments according to dehydration loads enables reduced electric bills.

02 High-class design
- Sophisticated design like fridges.
- Reasonable and practical design

03 Integrated high-density polyurethane foam
- Adopted direct foam-type of integrated structure rather than low-efficient panel assembly type.
- Minimized heat loss reduces electric bills.
- Strong structure prevents deformation

04 Convenient use
- Automatic control of dehumidification, temperature and time.

05 A button for peppers
- Easy and convenient one-touch control for elderly people.

Specifications

MODEL	HDG-111A	HDG-222A	HDG-333A
Rated power	Single-phase 220V 60Hz		
Power consumption	2.2kW	4.4kW	6.6kW
Heater type	Pin heater		
Size(W×D×H)	655×810×1900(mm)	1260×810×1900(mm)	1865×810×1900(mm)
The number of trays	11	22	33

※ The color and performance of the product is subject to change without prior notice for product improvement.

Hyundai Fridge and Dehydrator for Agricultural Products

Financing from NongHyup: payable in 7 years with a one-year grace period

Hyundai Fridge and Dehydrator for Agricultural Products with world-recognized technology



HDG–111H | 11 trays



HDG–222HR | 22 trays



HDG–333H | 33 trays

When using as a dehydrator

Major Features

Storage at minus 10℃ available.

The world's first dehydrators with cooling system! Hyundai Fridge and Dehydrator for Agricultural Products

After dehydrating products, use as a low-temperature storage!

01	Combined cooling system	• cool air is fanned from both sides to refrigerate quickly at even temperatures.
02	Cooling system for each compartment	• Each compartment controlled individually enables fast refrigerating and reduced energy costs
03	Failsafe system	• Failsafe system prevents refrigerating mode from being converted into dehydrating mode accidentally.
04	2–door automatic dehumidifi–cation controller	• Automatic controllers at inlet and outlet prevent heat loss during refrigeration.
05	Drying trays	• Ergonomically designed drying chambers and lightened trays.
06	Layer–controllable trays	• When cooling agricultural products, users can utilize the space reasonably according to the amount of stored products.

Specifications

MODEL		HDG–111H	HDG–222HR	HDG–333H
Rated power		Single–phase 220V 60Hz		
Power consumption	drying	2.2kW	4.4kW	6.6kW
	cooling	267W	750W	1300W
Heater type		Pin heater		
Size(W×D×H)		655×810×1900(mm)	1260×810×1900(mm)	1865×810×1900(mm)
The number of trays		11	22	33

1. The color and performance of the product is subject to change without prior notice for product improvement.
2. As the products are for storing agricultural products, do not store other types of foods such as Kimchi and beverages.
3. Be careful when storing products at low temperatures; they may dry up.

Hyundai SAEPIAN Agricultural Product Dehydrator

Financing from NongHyup: payable in 7 years with a one-year grace period

Hyundai Enertec's SAEPIAN dehydrators for agricultural products with the same quality but less economic and spatial burden.



HDG–213T | 13 trays



HDG–115T | 15 trays



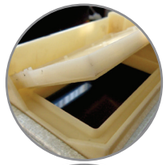
HDG–230T | 30 trays

Major Features



Automatic control

Convenient to use as dehumidification, temperature, and time are automatically controlled.



Automatic dehumidification motor

Automatic dehumidification system rather than manual method.



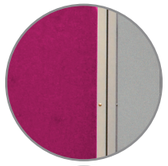
A button for peppers

A button for peppers enables simple control.



Bigger trays

30% bigger trays than existing ones allow increased dehydration loads.



High–density polyurethane panel

High–pressure and high–density polyurethane panel assembly method delivers excellent heat efficiency.



Uniform dehydration

They provide even dehydration levels so that users do not need to replace the trays.



High–flow rate turbofan

High–flow rate Turbo motor with high–pressure reduces dehydration time.



Specifications

MODEL	HDG–213T	HDG–115T	HDG–230T
Rated power	Single–phase 220V 60Hz		
Power consumption	3.5kW	3.5kW	6.6kW
Fan type	Turbofan		
The number of trays	13	15	30
Size(W×D×H)(mm)	725×960×1810	725×960×1950	1420×960×1950

※ The color and performance of the product is subject to change without prior notice for product improvement.

Hyundai Enertec's Persimmon Dehydrator

Financing from NongHyup: payable in 7 years with a one-year grace period

Making dried persimmons! You don't have to check the weather anymore. Hyundai Enertec's new Persimmon Dehydrators provide optimal conditions for making dried persimmons.



HDG-115G(for dried persimmons) HDG-230G(for dried persimmons)

※ Product image may be different from actual product received.

"Early delivering of dried persimmons Increases farm household incomes."

Hyundai Enertec contributes to increasing farm household incomes by helping make more even quality of dried persimmons than naturally dehydrated persimmons.
Enjoy the pleasure of good harvest years with Persimmon Dehydrators!



Major Features

High-quality	Dried persimmons that have similar texture, color and sweetness as naturally dried persimmons
Optimal program	The temperatures similar to the natural environment provide even quality of dried persimmons.
Trays and hangers are both available	Trays and hangers for them provide various choices.
Multi-level dehumidification control	Damper is operated with the one-touch button, controlling dehumidification amount.
Multi-purpose dehydration	Other ordinary agricultural products can be dehydrated as well by setting manual mode.

Other uses of Hyundai Persimmon Dehydrators:

Besides dried persimmons, peppers, radishes, mushrooms, zucchini, jujubes, balsam pears, burdocks, ginsengs, green tea leaves, medicinal herbs, and other agricultural products can be also dehydrated regardless of place and season.



Hyundai Enertec's Persimmon Dehydrator

Financing from NongHyup: payable in 7 years with a one-year grace period

Specifications

MODEL	HDG-115G	HDG-230G
Rated power	Single-phase 220V, 60Hz	
Power consumption	3.5kW	6.6kW
Fan type	Turbofan	Turbofan
The Number of trays	24	48
The number of dried persimmon producted	1,500~2,000	3,000~4,000
Size(W×D×H)(mm)	810×1075×1960	1590×1075×1960

※ Carts for dried persimmons are not included.
※ The specifications and design are subject to change without prior notice for product improvement.

The process of making dried persimmons:



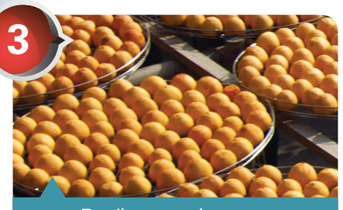
1. Collecting persimmons



2. Low-temperature ripening



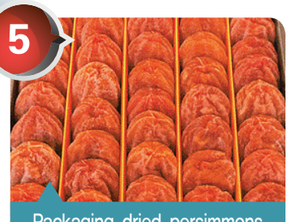
3. Peeling persimmons



4. Dehydrating with a persimmon dehydrator



5. Packaging dried persimmons



6. Rapid cooling and storing in a low-temperature storage



7. Shipping



Hyundai SAEPIAN Small-sized Agricultural Product Dehydrator

Financing from NongHyup: payable in 7 years with a one-year grace period



HDG-060 | 6 trays

Good news for veggie gardening – Hyundai SAEPIAN Small-sized dehydrators

Don't give away your carefully homegrown agricultural products to others or let them spoil in the fridge! Make a good use of Hyundai Small-sized dehydrators.

Major Features

Use electrical plug	They require no electrical construction; all you need to do is plugging into 220V power supply.
Powerful air blower	Turbofan with high blow pressure fastens dehydration time.
Automatic dehumidification	Dehumidification reservation feature improves dehydration performance by opening dehumidification windows automatically.
Weight-lightened trays	1.3kg Trays are easy for the elderly to deal with.

Useful at



Farms



herbal shops



restaurants



ordinary households

Specifications

MODEL	Rated power	Power consumption	The Number of trays	Size(W×D×H mm)
HDG-060	220V 60Hz	1.3kW	6	604×782×1172

※ The color and performance of the product are subject to change without prior notice for product improvement.

Hyundai Multi-purpose Low-temperature storages

Financing from NongHyup: payable in 4 years with a one-year grace period

With high-density urethane insulation and ultra-powerful cooling system, Hyundai Multi-purpose Low-temperature storages provide optimal temperature conditions for agricultural products.



With meticulous and precise technology, Hyundai Multi-purpose low-temperature storages guarantee fresh storage of your precious products. Hyundai Multi-purpose Low-temperature Storages for Agricultural Products help increase farm household incomes by adjusting delivery time based on the freshness.

Major Features

Excellent insulation effect.

Even if storages have the same shape and size, high-density urethane foam insulation panels make difference; they block heat completely and minimize energy consumption and interior evaporation.

Separated cooling system.

Since each cooler and compressor is installed individually according to the site environment, it is easy to install and maintain.

Certain safety.

For safety during work, the door is equipped with dual safety device.

Fast service.

Nationwide service network helps maintain product freshness in the storage by reaching customers regardless of time and place.

Hyundai Multi-purpose Low-temperature storages

Financing from NongHyup: payable in 4 years with a one-year grace period



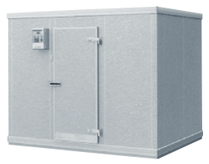
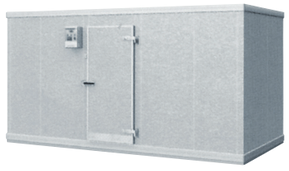
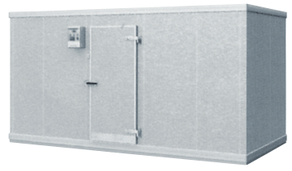


From visible design to invisible technology!
Hyundai Enertec's Low-temperature storages are absolutely outstanding.

What is Multi-purpose Low-temperature storage?

Hyundai Enertec's Multi-purpose Low-temperature storages keep freshness of various agricultural products including fruits and vegetables, forest products and dry crops by storing them in low temperatures.

Specifications

MODEL	HD-2.0R	HD-2.0F	HD-2.0RF	HD-3.0R	HD-3.0F	HD-3.0RF	HD-5.0R	HD-5.0F	HD-5.0RF
Image									
Fridge capacity	6.6㎡ fridge	6.6㎡ freezer	6.6㎡ seperated type	9.9㎡ fridge	9.9㎡ freezer	9.9㎡ seperated type	16.5㎡ fridge	16.5㎡ freezer	16.5㎡ seperated type
Rated power	AC 220V / 380V								
Cooling type	Unit cooler direct cooling type								
Power consumption	1.7kW	1.7kW	2.2kW	2.8kW	2.8kW	3.4kW	3.0kW	3.6kW	4.6kW
Temperature range	-5~9℃	-18~0℃	-18~9℃	-5~9℃	-18~0℃	-18~9℃	-5~9℃	-18~0℃	-18~9℃
Size	W3300×D2000×H2400mm			W4000×D2500×H2400mm			W5500×3000×2400		

※ Customized order is available for 9.9㎡ or larger storages.
※ The performance is subject to change without prior notice for product improvement.
※ The products are for low-temperature storage of agricultural products; please avoid using outside the purpose.

Hyundai Multi-purpose Low-temperature storages

Financing from NongHyup: payable in 4 years with a one-year grace period



Refrigerating machine

Product overview

– The most important thing in manufacturing condensing units is to balance mechanical mechanism among each part. Hyundai Enertec has manufactured optimal condensing units via thorough tests.

– Optimal Mechanism
  • Optimal mechanical mechanism is realized by manufacturing single condensing units, Multi condensing units, and unit coolers.

– Low-noise, low-vibration
  • Through thorough tests and excellent products, we succeeded in creating the base considering the overall compressor weight and combination of units that can bear operating load; this enabled low-noise and low-vibration.

– Various options of capacities
  • From small-sized units (1HP) to large-sized units (180HP), we manufacture a wide range of products that multi-stage capacity control is available according to derating.

CONDENSING UNIT PARTS

Compressor (semi-sealed)


Compressor (sealed)

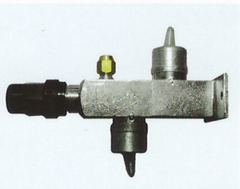

Accumulator


Oil separator


Side glass


Fan pressure

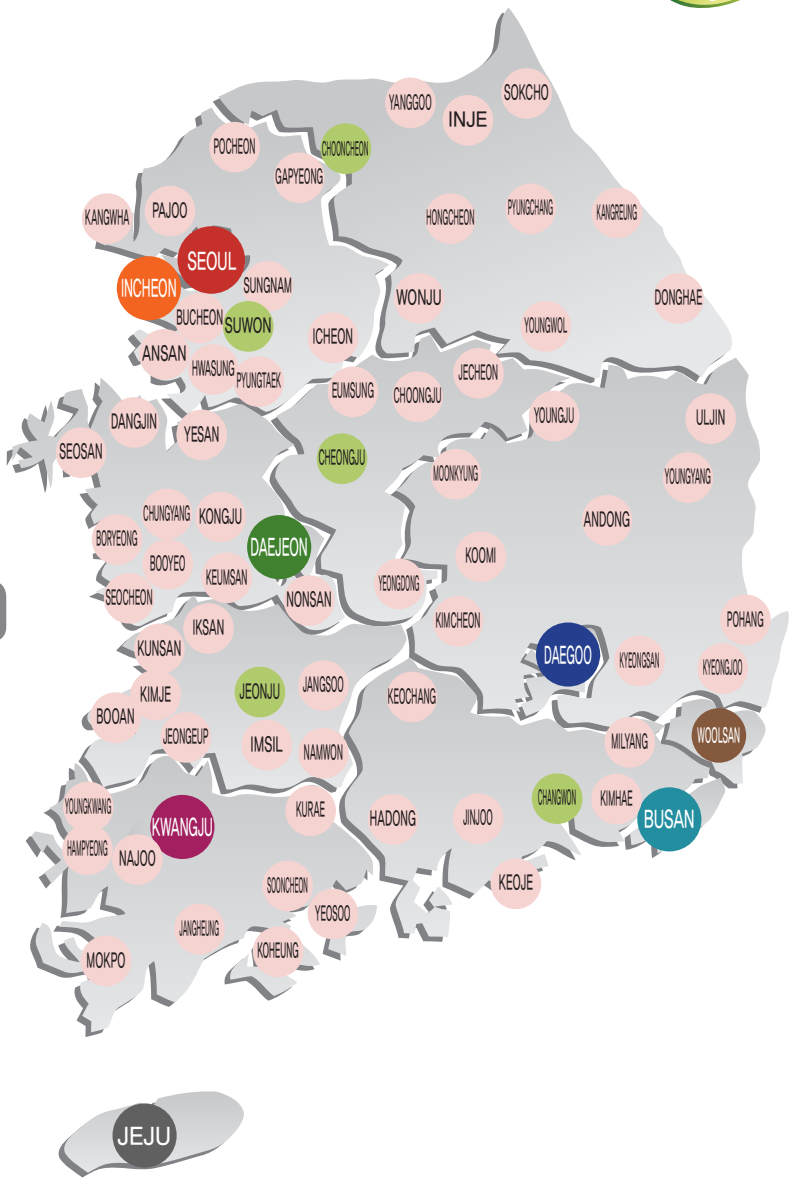

Leveling pressure


Intermediate valve


Expansion valve


Hyundai Enertec Co., Ltd. has written history of dehydrators for agricultural products with the best technology and quality

The biggest and best service network in Korea



Main number for customer service **+82-31-366-8956**

From the moment customers meet Hyundai Enertec's products,
The best quality spread from mouth to mouth!

- Hyundai Enertec's unique after sales service satisfies and impresses customers.
- You are our family from the moment you purchase Hyundai Enertec's products.

http://www.hdenertec.co.kr

A leader in environment-friendly agriculture in the 21st century
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※ The contents of the catalogue (product appearance, features, etc.) are subject to change without prior notice.