



101



KH

Electric heating constant temperature drying oven

2 years warranty

101: Suitable for routine testing for industrial and mining enterprises, basic laboratory and workshop, not recommended for continuous use

Grade: ★★★

KH: Recommended to use for routine experiment and test, high performance cost ratio.

Grade: ★★★★

1. Drying oven is widely used in drying process, sterilization, constant temperature storage, heat treatment and other fields. It is the basic supporting equipment of laboratories, scientific research institutions, industrial and mining enterprise laboratories. This product is not suitable for the baking and drying of volatile flammable and explosive materials, which is easy to cause explosion.

2. 101 series heating element adopts heating tube, installed at the bottom of the liner. So it is not suitable for samples with large water content. KH series (101 upgraded model) can be recommended, because the heating tube is installed at the rear of the liner. KH series air duct is a three-sided circulating air outlet which is more reasonable and more uniform than 101 single-sided air outlet

3. Acquired CE safety certification, 2-year warranty.

## 101 series



1. Two kinds of controller types: Pointer controller, LED PID controller.
2. Shell is made of high quality cold-rolled steel with metallic paint spray.
3. Low noise fans and air cycling duct.
4. Two internal chamber materials: stainless steel and galvanized steel.
5. The spaces and quantity of shelves can be adjusted.
6. Tempered glass observation window in the door
7. Heating element uses the heating tube, which is more durable than the old models.

Primary and high-efficiency filters are provided to make the filtering effect meet the user's purification level requirements;

Model	Voltage (V)	Temp range (°C)	Accuracy (°C)	Fluctuation (%)	Power (KW)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Packing size (mm) (H*W*D)	Net weight (KG)	Shipping weight (KG)	
101-0(AS)	220	RT+5 ~300	$\pm 1$	$\pm 1$	0.8~1.6	350*350*350	590*660*520	710*740*600	34.8	37.2	
101-1(AS)					0.8~1.6	450*450*350	690*760*520	810*840*600	41.5	45	
101-2(AS)					1.6~2.4	550*550*450	790*870*640	910*950*720	60	64.5	
101-3(AS)					2~3	750*600*500	1050*980*700	1270*1060*780	80	84.5	
101-3B(S)	220	$\pm 1/ A \pm 0.5$	$\pm 2$	2.5~4	750*900*600	1050*1240*860	1270*1320*940	110	116		
101-4(AS)	380				3~4.8	1000*800*800	1300*1210*1000	1420*1290*1080	162	168	
101-5(AS)	$\pm 2$		6	350*350*350	590*660*520	710*740*600	189	197			
202-00	220	$\pm 1$	0.5	250*250*250	480*520*400	600*600*480	19	21			
202-0			0.8~1.6	350*350*350	590*640*520	710*720*600	33	36			
202-1			0.8~1.6	450*450*350	670*720*520	790*800*600	39.5	42.5			

101: forced air circulation

202:natural air circulation

#### Notes

The modes with "A" is LED microcomputer controller.

The modes with "S" is stainless steel inner.

101-4,101-5 Before the purchase, be sure to enter the door and the elevator size to avoid the oven shape size is too large to enter.

#### Optional accessories:

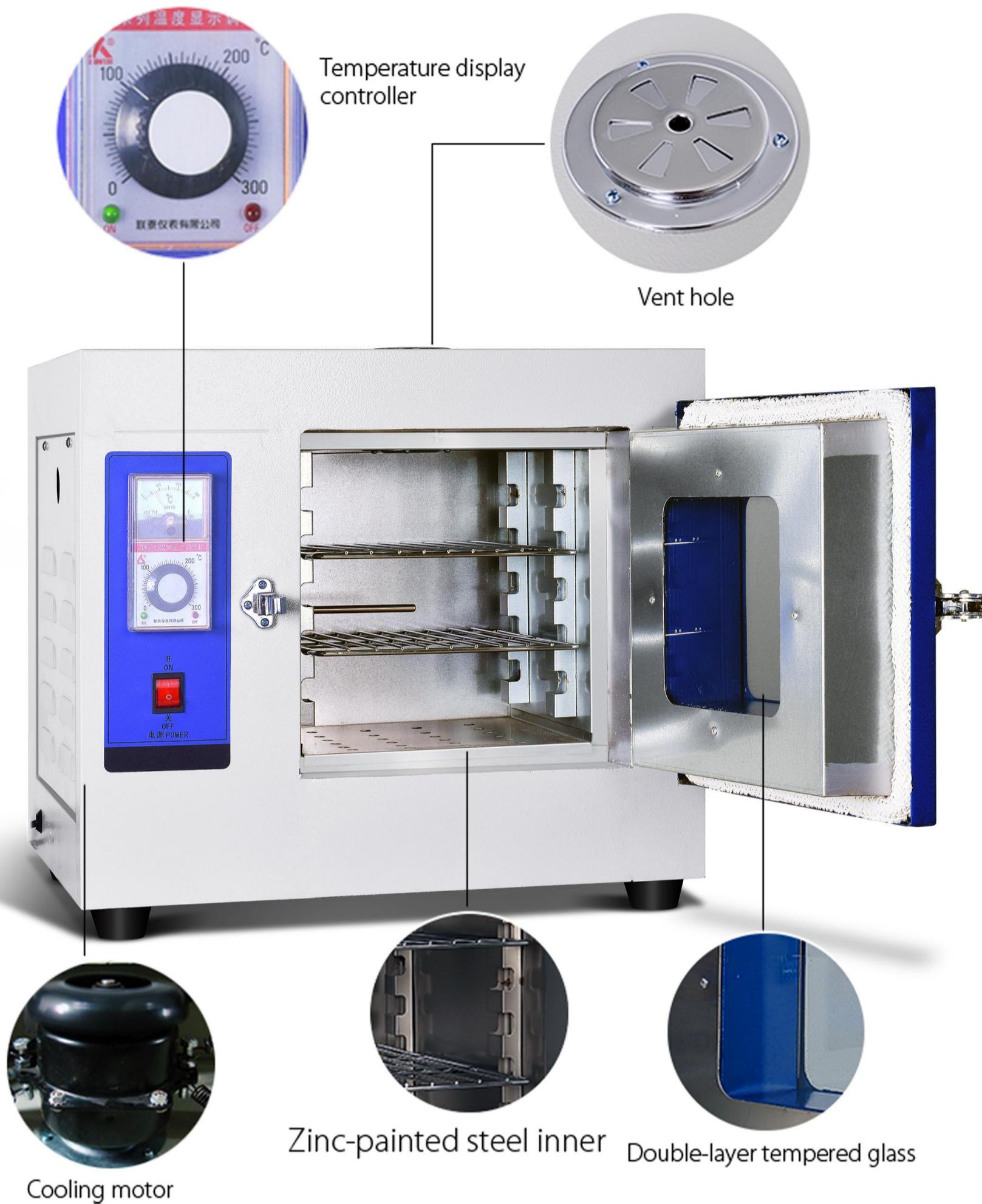
1. Segmented intelligent digital display temperature controller
2. Independent temperature limiting controller
3. nickel-chromium round steel shelf or perforated shelf
4. the fan independent switch



Segmented temperature controller



temperature limiting controller



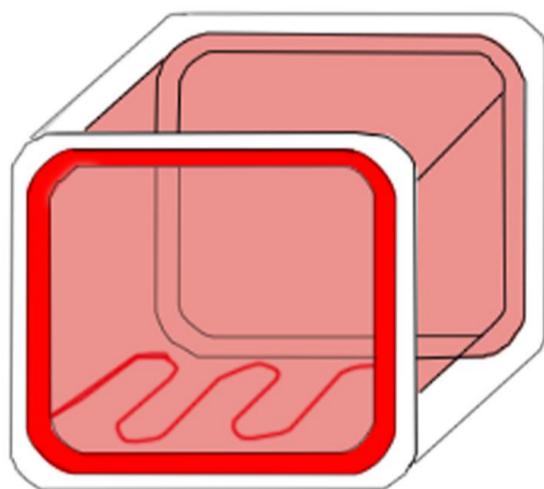
Different kind of shelves



④ Stainless steel inner (type with "s")



④ Zinc-painted steel inner



④ Airflow circulation system

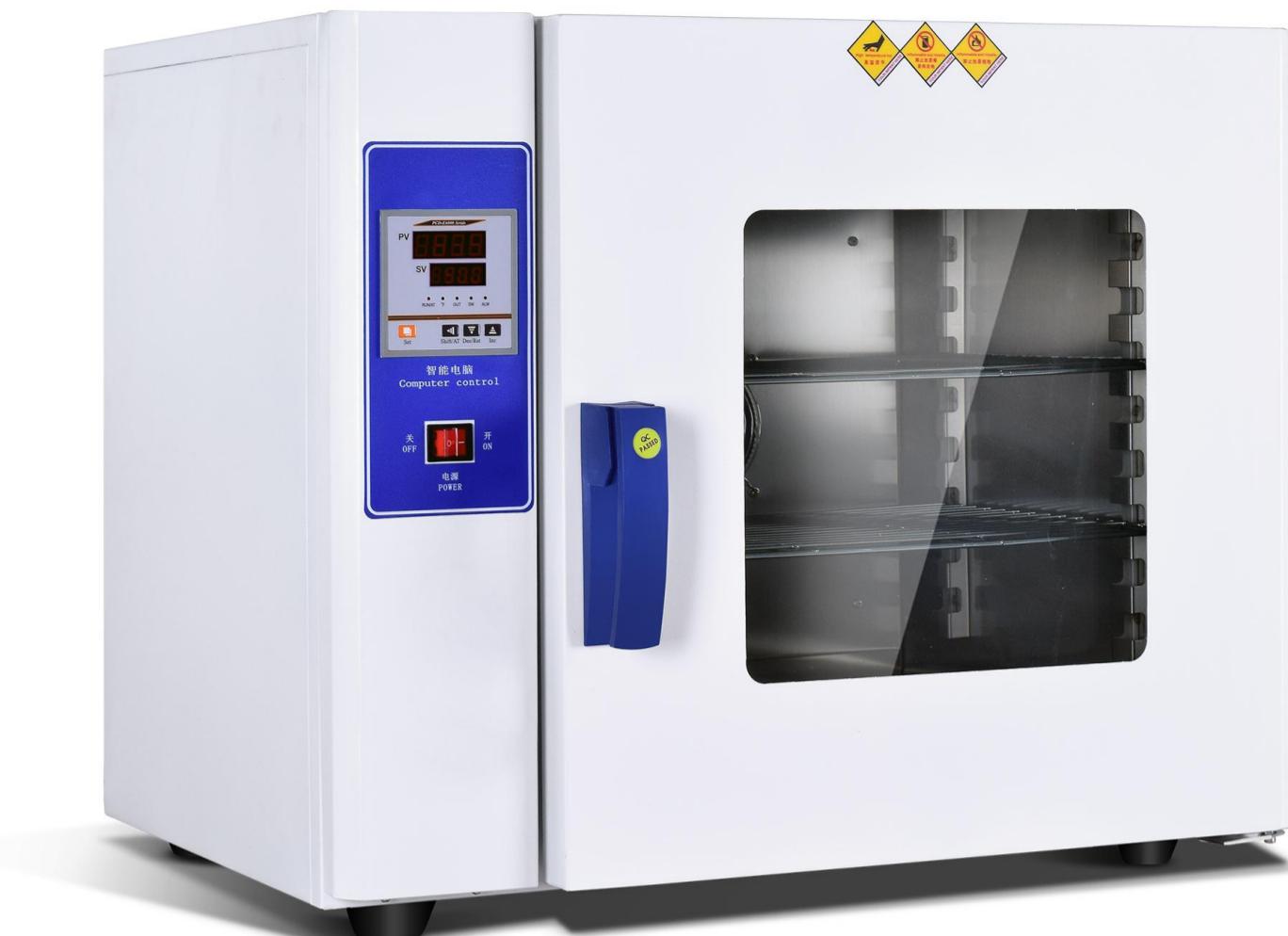


④ Pointer temperature control



④ Digital temperature control

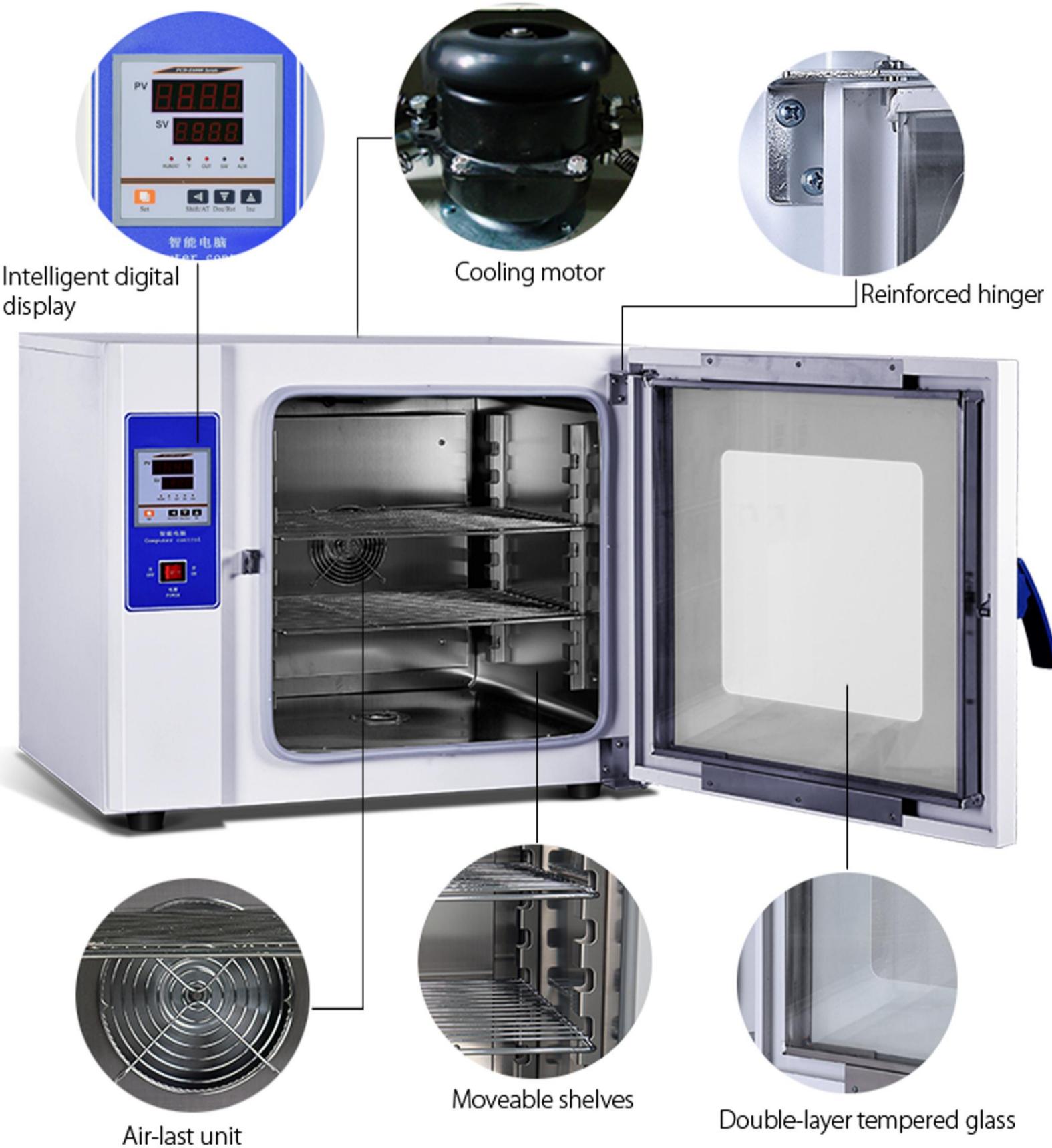
## **KH series 101 series upgrade model**



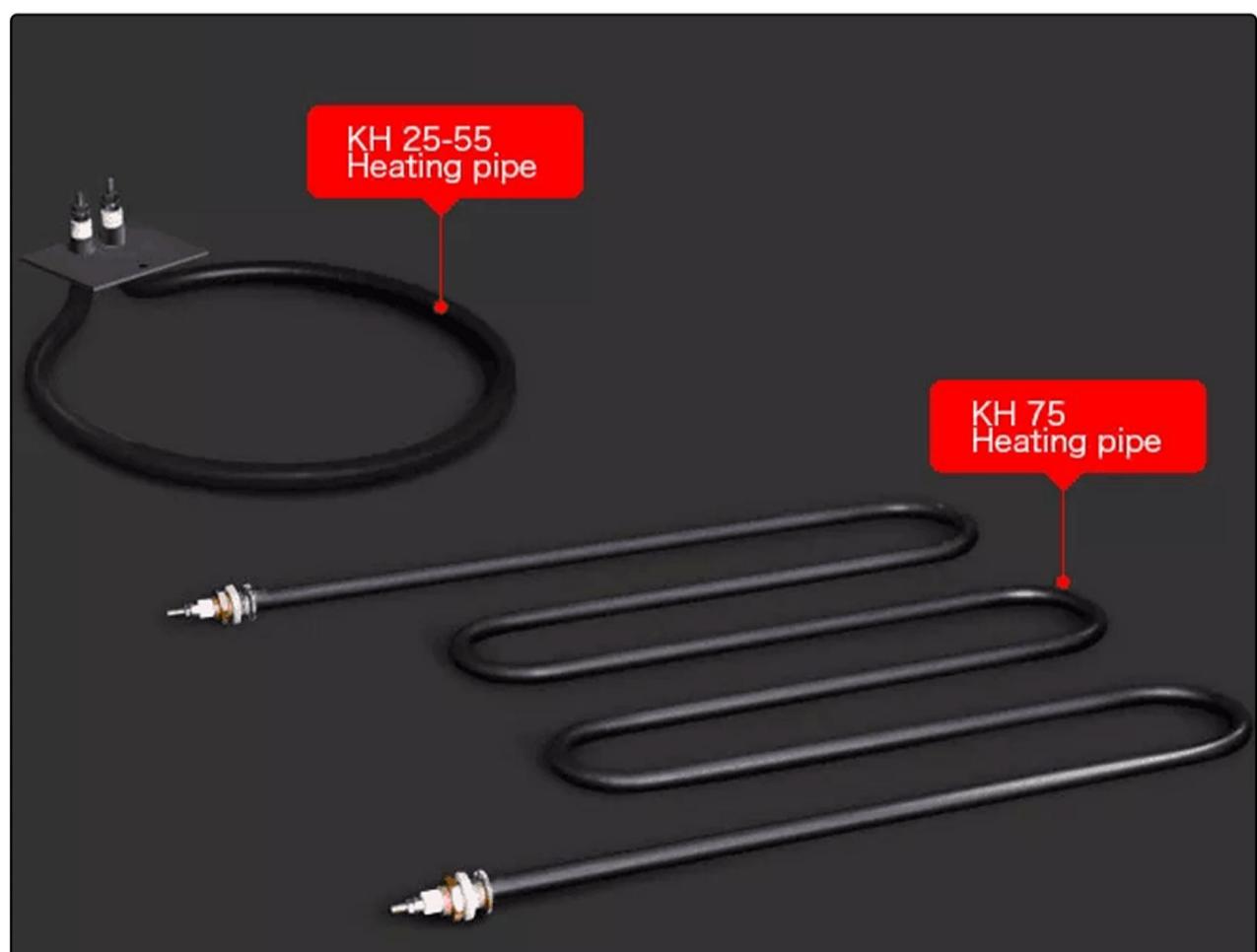
## **KH series 101 series upgrade model**

1. Microcomputer intelligent PID display with function of temperature control, timer and over-temperature alarm.
2. Low noise fans and air cycling duct, reasonable air duct and circulation system makes stable temperature working environment.
3. The shell material is made of steel plates with electrostatic spray paint, large observation window in the door
4. Two materials of internal chamber: stainless steel and galvanized steel, round corners inner chamber is easy to clean.
5. the spaces and quantity of shelves can be adjusted
6. High temperature resistant silicone for sealing the door, high-temperature heat pipes for the
7. heating element to ensure safety and longer life.
8. Ergonomic fastening handle, easy to operate and ensure sealing

We have the full stainless steel version: The shell and chamber are made of high-quality stainless steel plate, which has the characteristics of acid-base and corrosion resistance. It is the best equipment for pharmaceutical factories, food factories, medical research and other institutions.



**Air circulation diagram**

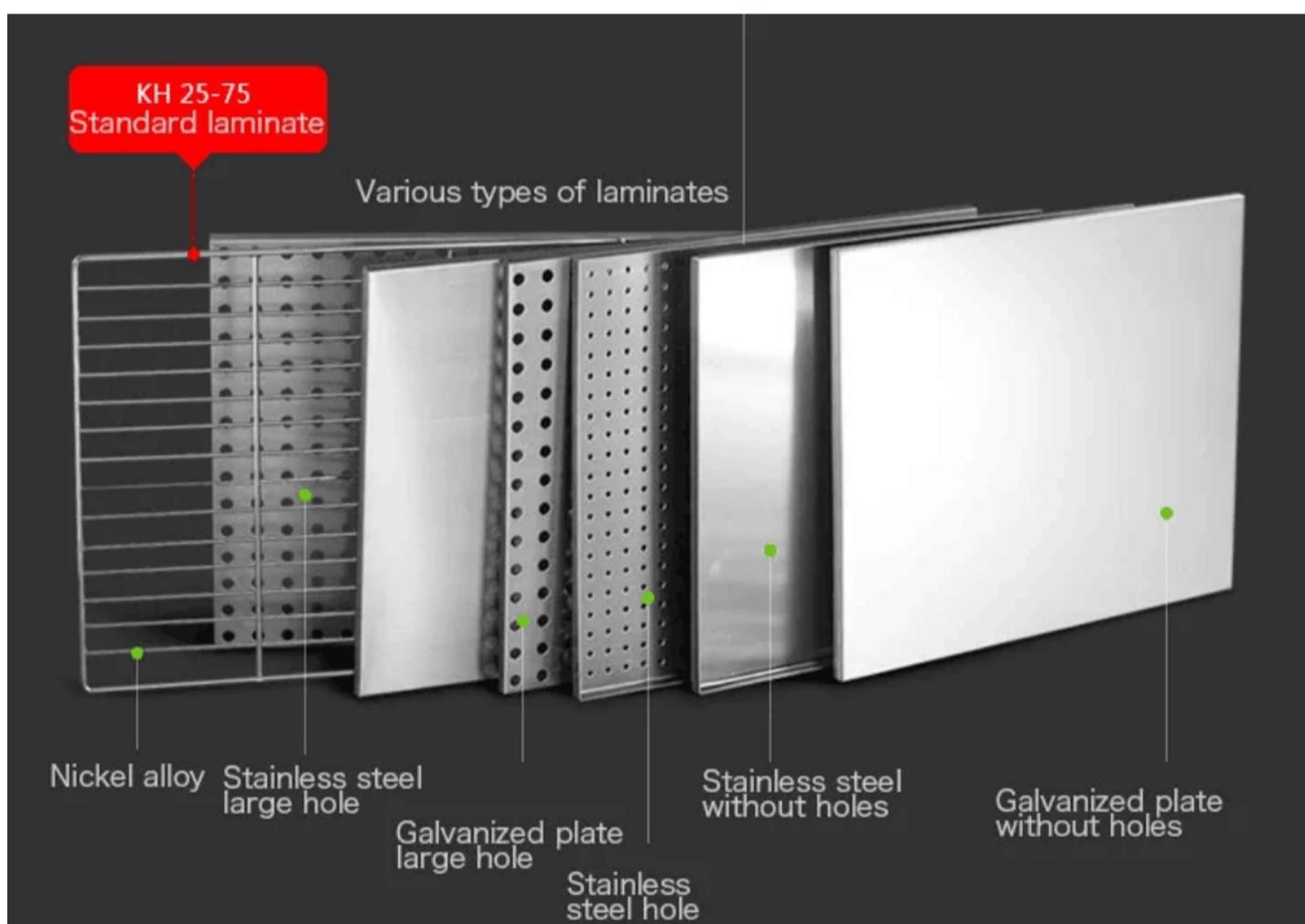




**LED temperature controller**



**Fan motor**



Model	Volt age (V)	Temp range (°C)	Timing range	Accu racy (°C)	Fluc tua tion (%)	Power (KW)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Net weight (KG)	Shipping weight (KG)
KH-25A(S)	110 / 220	RT+ 5 ~300	0~999 mins/ hours	± 0.5	±1	0.5	250×250×265	475×540×450		26.5
KH-30A(S)						0.5	300×250×200	475×540×450		26.5
KH-35A(S)						1.2	350×350×350	530×640×550	35	38
KH-45A(S)						1.4	450×450×350	630×740×550	44.5	47.5
KH-55A(S)						2	550×550×450	750×890×630	59.5	63.5
KH-75A(S)						3	750×600×500	980×965×770	93	102
KH-35T						1.2	350×350×350	530×640×550	35.5	38.5
KH-45T						1.4	450×450×350	630×740×550	45	48
KH-55T						2	550×550×450	750×890×630	60	64
KH-75T						3	750×600×500	980×965×770	94	103

**With "S" is stainless steel liner, without "S" is galvanized plate liner with "T" is all stainless steel.**

All technical data is under no load conditions, environment temperature 25°C relative humidity 50%RH, voltage fluctuation ±10%, Under the conditions of test to Setting up a test temperature 10°C/40°C.

**KENTON may change the above technical parameters at any time. There is deviation about product appearance due to some factors such as the photographic or printed result, please understand and reserves the final right of interpretation.**

### Optional accessories:

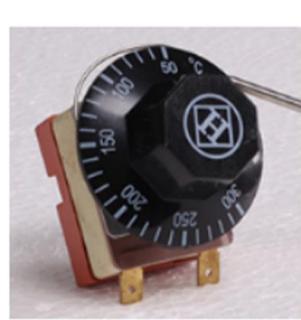
1. programmable controller
2. individual temperature limit
3. nickel-chromium round steel shelf or perforated shelf
4. Test hole
5. Air inlet filter
6. Fan independent switch



Programmable controller



Test hole



Temperature limit



Air inlet filter

Drying oven	GX (advanced)	DHG/DHG-C update	KH/A/S basic	101/A/S classic	202/A(no motor fan)
					
<b>controller</b>					
PID LCD	• (“TC” touch screen)	•			
PID digital		“C” •	•	“A” •	“A” •
Pointer				•	•
<b>Brand accessories</b>					
ST bi type silicon	•				
Philip chip	•				
Taiwan optical coupler	•				
<b>Internal material</b>					
SUS304 SS	•				
Mirrored SS		•			
201 SS			“S” •	“S” •	
Galvanized steel			•	•	•
<b>Motor fan</b>					
High temperature resistant bearing	•	•			
Heat dissipation fan	•	•	•	•	
<b>Electric element</b>					
201 stainless steel	•	•			
Carbon steel			•	•	•
Computer interface	•	•LCD			
Networking monitoring	•	•LCD			
Adjustable fan speed	•	•LCD			
ALLHEAT cavity preheat	•				
ALLFLOW airflow	•				
ALLSENS temp.control	•				
insulation	•				
Heating sides	3 sides	9230 above double sides	Single	Single	Single
Air duct	3D air duct	3 sides+ front	3 sides	Single side	
Door seal material	Silicone	Silicone	Silicone	asbestos cord	asbestos cord
Insulation material	aluminium silicate	aluminium silicate	Rock wool	Rock wool	Rock wool
Temp.range °C	RT+5-300	RT+5-300	RT+5-300	RT+5-300	RT+5-300
Temp accuracy °C	±0.1	0.1/ ‘C’-0.5	±0.5	±1	±1
fluctuation	±0.5%	±1%	±1%	±1%-2%	±2%
timer	•	•	•	“A” •	“A” •
Over temperature alarm	•	•	•	“A” •	“A” •
warranty	3 years	2 years	2 years	2 years	2 years



Lab & Industry

**Manufacture of drying oven, lab incubator, climate chamber, laminar flow cabinet, biological safety cabinet(OEM,ODM)**

**KENTON APPARATUS LIMITED**

KENTON Apparatus Limited was found in 1999, production plant was set in Guangzhou, China. It is mainly engaged in production, sales and export of laboratory thermostatic equipment and biological scientific equipment, and has provided high-quality products and services for professional laboratories and scientific research institutions at domestic and abroad for many years. We rely on an international professional R&D team to keep the design and technology of products in step with the world and constantly seek breakthroughs. Since its establishment, the company has been focusing on thermostatic equipment products in related fields. Now it is a high-tech enterprise integrating science, industry and trade. Its business covers China, Southeast Asia, America, Europe, Australia and other countries. At the same time, based on the business philosophy of "walking with scientific researchers", and taking advantage of the company's geographical advantages, the company has carried out extensive communication and exchange with scientific researchers in different regions for many years, and carried out long-term follow-up services to users, constantly improving the function and quality of products, so that products can better meet the requirements of users.

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