

# Infitek

## DRYING OVEN

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## Infitek

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# Natural Convection Drying Oven

DON-H45E DON-H45 DON-H70E DON-H70  
DON-H140E DON-H140 DON-H230E DON-H230



## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.



### Intelligent control

Digital display, with intelligent PID control, parameter real-time display.

Button operation, simple and convenient, can quickly set temperature and time parameters.



### Dedicated sheet metal processing (Without E types)

The shelf can be disassembled and can be freely adjusted up and down

The inner chamber is made of high-quality stainless steel, with strong corrosion resistance.



### Dedicated sheet metal processing (E types)

The shelf can be disassembled and can be freely adjusted up and down

The inner chamber is made of high strength galvanized sheet, with strong corrosion resistance.



With over temperature control of visible & audible alarm system.



Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.



## Application

The product is used for drying, baking, waxing and sterilization in industrial and mining enterprises, laboratories and scientific research institutions.

## Optional

Spare shelf



DON-H45E DON-H45 DON-H70E  
DON-H70 DON-H140E DON-H140  
DON-H230E DON-H230



DON-H45E DON-H45 DON-H70E  
DON-H70 DON-H140E DON-H140  
DON-H230E DON-H230

## Specifications

Model	DON-H45E / DON-H45		DON-H70E / DON-H70		DON-H140E / DON-H140		DON-H230E / DON-H230		
Capacity (L)	43		71		136		225		
Circulation	Natural convection				Natural convection				
Dimension (W*D*H)	Internal (mm)	350*350*350		450*350*450		550*450*550		600*500*750	
	External (mm)	652*472*587		752*472*687		852*572*786		902*622*986	
Temperature	Range (°C)	RT+10 ~ 250				RT+10 ~ 250			
	Fluctuation (°C)	±1				±1			
	Resolution (°C)	0.1				0.1			
	Uniformity (°C)	±3.5%				±3.5%			
Sensor	PT100				PT100				
Controller	PID				PID				
Display	Digital LED				Digital LED				
Timer (min)	0 ~ 9999 (with timing wait function)				0 ~ 9999 (with timing wait function)				
Material	Internal	without E model: stainless steel; E model: High strength galvanized sheet				without E model: stainless steel; E model: High strength galvanized sheet			
	External	Cold rolled steel electrostatic spraying exterior				Cold rolled steel electrostatic spraying exterior			
Shelves (Standard / Max )	2 / 9		2 / 13		2 / 17		2 / 25		
Test Hole (mm)	Standard Ø35mm top with function of test hole				Standard Ø35mm top with function of test hole				
Safety Device	Over temperature visible & audible alarm				Over temperature visible & audible alarm				
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz				AC 220 / 110V, 50 / 60Hz			
	Consumption (W)	1200		1600		2300		3000	
N.W. / G.W. (kg)	33 / 43.5		45 / 50		62/68		77/96		
Package Dimension(W*D*H)(mm)	760*620*760		850*610*850		960*730*960		1000*780*1160		
Optional	Spare shelf				Spare shelf				

# Natural Convection Drying Oven

DON-18E DON-18



## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



### Intelligent control

Digital display, with intelligent PID control, parameter real-time display.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

Without E types: The inner chamber is made of high-quality mirror stainless steel, with strong corrosion resistance.

E types: The inner chamber is made of high strength galvanized sheet, with strong corrosion resistance.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality rock wool board, and the insulation layer of the chamber is thickened.

## Application

The product is used for drying, baking, waxing and sterilization in industrial and mining enterprises, laboratories and scientific research institutions.

## Safety

With over temperature control of visible & audible alarm system.

Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.

## Optional

Spare shelf



## Specifications

Model	DON-18E / DON-18	
Capacity	18L	
Circulation Mode	Natural convection	
Dimension (W*D*H)	Internal	260*260*260 mm
	External	380*455*568 mm
Temperature	Range	RT+10 ~ 300 °C
	Fluctuation	±1 °C
	Resolution	0.1 °C
	Uniformity	±3.5% °C
	Sensor	PT100
Controller	PID	
Display	Digital LED	
Timer	0 ~ 9999min (with timing wait function)	
Material	Internal	Without E model: mirror stainless steel With E model: high strength galvanized sheet
	External	Cold rolled steel electrostatic spraying exterior
Shelves (Standard / Max )	2 / 6	
Exhaust Hole	Standard Ø35mm top with function of test hole	
Safety Device	Over temperature visible & audible alarm	
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz
	Consumption	600
N.W. / G.W.	27 / 35kg	
Package Dimension (W*D*H)	520*490*655mm	
Optional	Spare shelf	

# Forced Air Drying Oven

- DOF-V30A    DOF-V30B    DOF-V70A    DOF-V70B
- DOF-V140A    DOF-V140B    DOF-V240A    DOF-V240B
- DOF-V420A    DOF-V420B    DOF-V600A    DOF-V600B
- DOF-V900A    DOF-V900B



- DOF-V70A    DOF-V70B
- DOF-V140A    DOF-V140B
- DOF-V240A    DOF-V240B



## Internal circulation system

Back suction and bottom forced convection system. Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity. The inner chamber is made of high-quality brushed stainless steel, with strong corrosion resistance.

## Key Features



## Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively. Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



## Intelligent control

Large high definition LCD display, with intelligent PID control, parameter real-time display. Menu-type operation interface, simple and convenient operation, can quickly set temperature and time parameters.



## Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm. The shelf is laser hollowed out with round holes for better ventilation and better temperature uniformity.



## Dedicated sheet metal processing

Built in observation window to make the objects in the chamber clear at a glance. The anti-scalding design of the door handle makes it easy to open and close the door. The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.



Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.



With over temperature control of visible & audible alarm system.



Self-diagnosis function.

## Application

It is widely used in chemical industry, electronic communication, plastics, cables, electroplating, hardware, automobile, optoelectronics, rubber products, molds, spraying, printing, medical treatment, aerospace and universities and other industries.

## Optional

Spare shelf

Multi-segment programable control  
(USB data storage, RS485 / 232 port  
and build-in printer)

Digital independent temperature limiter

## Specifications



Model	DOF-V30A			DOF-V70A			DOF-V140A			DOF-V240A			DOF-V420A			DOF-V600A			DOF-V900A					
	DOF-V30B			DOF-V70B			DOF-V140B			DOF-V240B			DOF-V420B			DOF-V600B			DOF-V900B					
Capacity (L)	30			70			135			220			420			600			900					
Circulation Mode	Forced convection									Forced convection														
Dimension (W*D*H)	Internal (mm)			340*325*290			400*360*500			500*450*600			550*500*800			600*550*1300			800*600*1300			1000*600*1600		
	External (mm)			490*520*690			540*550*870			640*680*970			690*700*1140			750*730*1700			950*780*1720			1140*800*2150		
Temperature	Range (°C)			A: RT+10 ~ 250 B: RT+10 ~ 300			A: RT+10 ~ 250 B: RT+10 ~ 300			A: RT+10 ~ 250 B: RT+10 ~ 300			A: RT+10 ~ 250 B: RT+10 ~ 300			A: RT+10 ~ 250 B: RT+10 ~ 300			A: RT+10 ~ 250 B: RT+10 ~ 300					
	Fluctuation (°C)			±0.5			±0.5			±0.5			±0.5			±0.5			±0.5					
	Resolution (°C)			±0.1			±0.1			±0.1			±0.1			±0.1			±0.1					
	Uniformity (°C)			±2.5%			±2.5%			±2.5%			±2.5%			±2.5%			±2.5%					
Sensor			PT100			PT100			PT100			PT100			PT100			PT100						
Controller	PID									PID														
Display	High definition LCD									LCD														
Timer (min)	1 ~ 9999									1 ~ 9999														
Material	Internal			High-quality brushed stainless steel									Stainless steel											
	External			Electro-galvanized steel with antimicrobial powder coating									Electro-galvanized steel with antimicrobial powder coating											
Shelves (Standard)	2			2			2			2			2			3			4					
Test Hole (Optional) (mm)	Ø25, 50, 80									Ø25, 50, 80														
Safety Device	Leakage protector, over temperature visible & audible alarm									Leakage protector, over temperature visible & audible alarm														
Electricity	Voltage / Frequency			AC 220/110V, 50/60Hz									AC 220/110V, 50/60Hz			(DOF-V420A) AC 220/380V, 50/60Hz; (Other models) AC 380V, 50/60Hz								
	Consumption (W)			550/600			1050/1250			1500/1700			2100/2500			4000/4500			4500/5000			6000/6500		
N.W. / G.W. (kg)	40 / 46			55 / 60			70 / 90			85/115			120/160			145 / 210			195 / 285					
Package Dimension(W*D*H)(mm)	650*620*820			700*700*1070			720*880*1070			870*860*1320 870*850*1300			950*910*1910			1080*950*1940			1250*930*2270					
Optional	Spare shelf, multi-segment programable control (USB data storage, RS485 / 232 port and build-in printer), digital independent temperature limiter.									Spare shelf, multi-segment programable control (USB data storage, RS485 / 232 port and build-in printer), digital independent temperature limiter.														

# Forced Air Drying Oven

DOF-B20A DOF-B50A DOF-B100A  
DOF-B200A DOF-B625A



## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



### Intelligent control

Large high definition LCD display, with intelligent PID control, parameter real-time display.

Menu-type operation interface, simple and convenient operation, can quickly set temperature and time parameters.



### Internal circulation system

Back suction and bottom forced convection system.

Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm.

The shelf is laser hollowed out with round holes for better ventilation and better temperature uniformity.

The inner chamber is made of high-quality brushed stainless steel, with strong corrosion resistance.



### Humanized design

Built in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.



Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.



With over temperature control of visible & audible alarm system.



Self-diagnosis function.

## Application

Designed and used for drying, baking, wax melting and sterilization in industrial and mining enterprises, laboratories, R&D institutions, etc.

## Optional

Spare shelf

Multi-segment programable control (USB data storage, RS485 / 232 port and build-in printer)

Digital independent temperature limiter



DOF-B20A DOF-B50A  
DOF-B100A DOF-B200A DOF-B625A



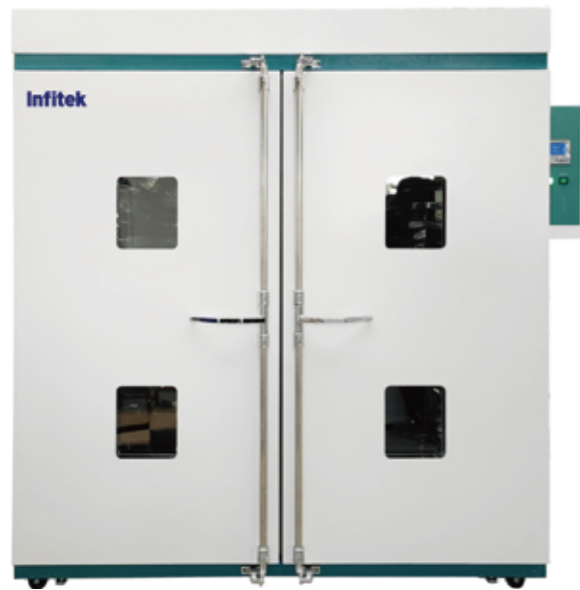
DOF-B20A DOF-B50A  
DOF-B100A DOF-B200A DOF-B625A

## Specifications

Model	DOF-B20A	DOF-B50A	DOF-B100A	DOF-B200A	DOF-B625A	
Capacity (L)	30	51	138	188	640	
Circulation Mode	Forced convection		Forced convection			
Dimension (W*D*H)	Internal (mm)	340*320*320	420*350*350	550*450*560	600*550*570	800*800*1000
	External (mm)	630*570*500	710*520*520	845*700*730	890*730*780	1090*980*1180
Temperature	Range (°C)	RT+10~250		RT+10~250		
	Fluctuation (°C)	±0.5		±0.5		
	Resolution (°C)	0.1		0.1		
	Uniformity (°C)	±2.5%		±2.5%		
Sensor	PT100		PT100			
Controller	PID		PID			
Display	High definition LCD		High definition LCD			
Timer (min)	1~9999min		1~9999min			
Material	Internal	High-quality brushed stainless steel		High-quality brushed stainless steel		
	External	Electro-galvanized steel with antimicrobial powder coating		Electro-galvanized steel with antimicrobial powder coating		
Shelves (Standard)	2		2			
Test Hole (Optional) (mm)	Ø25,50,80mm		Ø25,50,80mm			
Safety Device	Leakage protector ,over temperaure visible& audible alarm		Leakage protector ,over temperaure visible& audible alarm			
Electricity	Voltage / Frequency	AC 220/110V, 50/60Hz		AC 220/110V, 50/60Hz		AC 380V / 50Hz
	Consumption (W)	500	750	1500	2000	4000
N.W. / G.W.(kg)	27 / 30	42 / 55	70 / 77	86 / 97	155/175	
Package Dimension (W*D*H)(mm)	760*670*580	840*710*720	950*800*930	1030*890*990	1200*1280*1120	
Optional	Digital independent temperature limiter ,multi-segment programable control (Optional USB,RS485/232 and printer),spare shelf		Digital independent temperature limiter ,multi-segment programable control (Optional USB,RS485/232 and printer),spare shelf			

# Forced Air Drying Oven

DOF-640E DOF-640 DOF-1000E DOF-1000  
 DOF-1300E DOF-1300 DOF-1870E DOF-1870  
 DOF-3070E DOF-3070



DOF-1300E DOF-1300 DOF-1870E DOF-1870  
 DOF-3070E DOF-3070

## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



### Intelligent control

Digital display, with intelligent microcomputer control, parameter real-time display.

Button operation, simple and convenient, can quickly set temperature and time parameters.



### Internal circulation system

Back suction forced convection system.

Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.

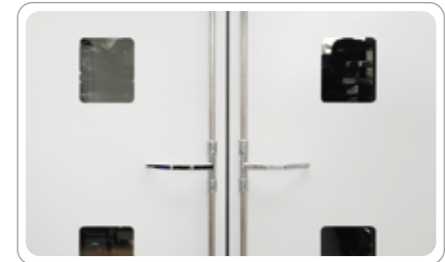


### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

Without E types: The inner chamber is made of high-quality mirror stainless steel, with strong corrosion resistance.

E types: The inner chamber is made of Iron sheet, with strong corrosion resistance.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality rock wool board, and the insulation layer of the chamber is thickened.



With over temperature control of visible & audible alarm system.



Sensor deviation correction, temperature auto-tuning, power-off parameter memory.

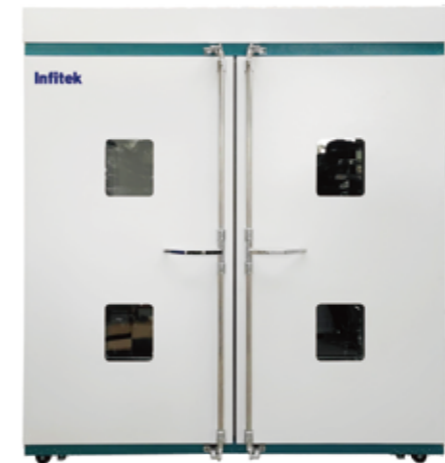


## Application

It is widely used in chemical industry, electronic communication, plastics, cables, electroplating, hardware, automobile, optoelectronics, rubber products, molds, spraying, printing, medical treatment, aerospace and universities and other industries.

## Optional

Multi-segment programable control, spare shelf, RS485 port, built-in printer



DOF-1300E DOF-1300  
DOF-1870E DOF-1870  
DOF-3070E DOF-3070

## Specifications

Model	DOF-640E/DOF-640		DOF-1000E/DOF-1000		DOF-1300E/DOF-1300		DOF-1870E/DOF-1870		DOF-3070E/DOF-3070		
Capacity (L)	640		1000		1300		1870		3070		
Circulation Mode	Forced convection				Forced convection						
Dimension (W*D*H)	Internal (mm)	800*800*1000		1000*1000*1000		1000*1000*1300		1200*1200*1300		1600*1200*1600	
	External (mm)	940*1000*1400		1040*1200*1400		1230*1200*1670		1330*1400*1670		1750*1400*2070	
Temperature	Range (°C)	RT+10 ~ 250				RT+10 ~ 300					
	Fluctuation (°C)	±1				±1					
	Resolution (°C)	0.1				0.1					
	Uniformity (°C)	±3%				±3%					
Sensor	PT100				PT100						
Controller	PID				PID						
Display	Digital LED				Digital LED						
Timer (min)	0 ~ 9999 (with timing wait function)				0~9999 (with timing wait function)						
Material	Internal	E: Iron sheet Without E: Stainless steel				E: Iron sheet Without E :Stainless steel					
	External	Galvanized sheet electrostatic spraying exterior				Galvanized sheet electrostatic spraying exterior					
Shelves (Standard / Max )	2 / 11		2 / 11		2 / 15		2 / 15		2 / 18		
Test Hole (mm)	On top or side				On top or side						
Safety Device	Over temperaure visible & audible alarm, overheat power off				Over temperaure visible & audible alarm, overheat power off						
Electricity	Voltage / Frequency	380V, 50Hz				380V, 50Hz					
	Consumption (W)	6000		6600		9000		12000		15000	
N.W. / G.W. (kg)	200 / 250		260 / 310		350 / 400		480 / 530		800 / 850		
Package Dimension (W*D*H) (mm)	1040*1110*1520		1260*1290*1520		1350*1300*1890		1550*1500*1890		1950*1500*2290		
Optional	Multi-segment programable control, spare shelf, RS485 port, built-in printer				Multi-segment programable control, spare shelf, RS485 port, built-in printer						

# Forced-Air Drying Oven

DOF-27 DOF-91 DOF-136 DOF-216



## Key Features

### Energy-saving

Good thermal insulation design keeps the surface of the box at a lower temperature and saves energy consumption.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.

### Dedicated sheet metal processing

Outer box material: cold-rolled steel surface sprayed with plastic; inner material: SUS stainless steel plate.

Pull-out movable shelf.



### Internal circulation system

Forced convection system.

Stainless steel tube loop heater.

Side air outlet, the air volume can be adjusted.

Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.



### Intelligent control

Color LCD display, PID temperature controller, precise temperature control.

Menu-type operation interface, simple and convenient operation, can quickly set temperature and time parameters.



Independent external galvanic temperature protection device.

Non-contact relay, avoid electromagnetic and high frequency interference.

High power and heavy load motor, stable operation.



## Application

It is widely used in chemical industry, electronic communication, plastics, cables, electroplating, hardware, automobile, optoelectronics, rubber products, molds, spraying, printing, medical treatment, aerospace and universities and other industries.

## Specifications

Model	DOF-27	DOF-91	DOF-136	DOF-216	
Capacity(L)	27	91	136	216	
Circulation Mode	Forced convection				
Dimension (W*D*H)	Internal (mm)	300*300*300	450*450*450	550*450*550	600*600*600
	External (mm)	890*614*749	1040*762*869	1140*762*969	1190*912*1049
Temperature	Range (°C)	RT+10°C~ 250°C			
	Fluctuation (°C)	±1%			
	Uniformity (°C)	±0.5°C			
	Sensor	PT100			
Controller	PID				
Material	Internal	SUS stainless steel plate			
	External	Plastic spraying on the surface of cold-rolled steel plate			
Shelves (Standard)	2				
Safety Device	Over temperature alarm, under temperature alarm, temperature probe damage alarm				
Electricity	Voltage / Frequency	AC 220V 50Hz	AC 380V 50Hz		
	Consumption (W)	1500	3000	4500	6000
N.W. / G.W.(kg)	100/105	150/185	200/240	250/300	
Package Dimension (W*D*H) (mm)	1010*710*840	1170*920*1040	1270*950*1140	1330*1060*1220	

# Forced-Air Drying Oven

DOF-85 DOF-85E



## Key Features



### Intelligent control

Microcomputer intelligent PID temperature controller  
Menu-type operation interface, simple and convenient, can quickly set temperature and time parameters.



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

### Internal circulation system

Forced convection system.

Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.

### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of high-quality mirror stainless steel, with strong corrosion resistance.

## Application

It is widely used in chemical industry, electronic communication, plastics, cables, electroplating, hardware, automobile, optoelectronics, rubber products, molds, spraying, printing, medical treatment, aerospace and universities and other industries.

## Optional

Model with E: spare shelf

Model without E: spare shelf, USB,RS485 interface, printer, program temperature control device



## Specifications

Model	DOF-85	DOF-85E
Capacity(L)	85	
Circulation Mode	Forced convection	
Dimension (W*D*H)	Internal (mm)	450*420*450
	External (mm)	590*610*830
Temperature	Range (°C)	RT+10-300
	Fluctuation (°C)	±1
	Resolution (°C)	0.1
	Uniformity (°C)	±2.5%
	Sensor	PT100
Controller	PID	
Display	LCD	LED
Timer	0-9999min	
Material	Internal	Mirror Stainless Steel
	External	Cold rolling steel electrostatic spraying exterior
Shelves (Standard / Max )	2 / 8	
Test Hole (Optional)	φ35mmTop (with test hole function)	
Safety Device	Digital display independent temperature limiter, over-temperature sound and light alarm	Over temperature sound and light alarm
Electricity	Voltage/Frequency	AC 220/110V, 50/60Hz
	Consumption (W)	2000W
N.W. / G.W.(kg)	50/56	
Package Dimension (W*D*H) (mm)	690*695*1000	
Optional	Spare shelf, USB,RS485 interface, printer, program temperature control device	Spare shelf

# Vacuum Oven

DOV-25S DOV-55S DOV-90S



## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



### Intelligent control

Large high definition LCD display, with intelligent PID control, parameter real-time display.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of high-quality stainless steel, with strong corrosion resistance.

4-sides heating method, temperature conduction by shelves.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.

## Application

Vacuum drying oven is designed for drying heat-sensitive, easily decomposed, easily oxidized substances, widely used in medicine, food, light industry, chemical industry, agricultural scientific research, environmental protection and other experimental fields.

## Safety

With over temperature control of visible & audible alarm system.

Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.

## Optional

Spare shelf, silica gel connecting pipe, vacuum pump.



## Specifications

Model	DOV-25S	DOV-55S	DOV-90S
Capacity(L)	24	52	91
Heating Mode	Four sides heating		
Dimension (W*D*H)	Internal (mm)	300*300*270	415*370*340
	External (mm)	480*480*606	560*540*680
Temperature	Range (°C)	RT+10 ~ 250	
	Fluctuation (°C)	±1	
	Resolution (°C)	0.1	
	Sensor	PT100	
Controller	PID		
Vacuum Degree Range	<133Pa		
Vacuum Nozzle Diameter(mm)	Φ10		
Display	High definition LCD		
Timer (min)	0 ~ 9999 (with timing wait function)		
Material	Internal	High-quality hairline stainless steel	
	External	Cold rolled steel electrostatic spraying exterior	
Shelves (Standard)	2		
Safety Device	Over temperature visible & audible alarm		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz	
	Consumption (W)	800	1400
N.W. / G.W.(kg)	42 / 53	67 / 92	82 / 105
Package Dimension (W*D*H)(mm)	600*560*780	700*620*820	730*690*940
Optional	Spare shelf, silica gel connecting pipe, vacuum pump		

# Vacuum Oven

DOV-55P DOV-90P DOV-55PV DOV-90PV



## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



### Intelligent control

5 inches touch screen display, with intelligent PID control, programmable temperature controller, parameter real-time display.



### Dedicated sheet metal processing

The inner chamber is made of high-quality stainless steel, the outer chamber is made of 304 high-quality stainless steel, with strong corrosion resistance.

## Application

Vacuum drying oven is designed for drying heat-sensitive, easily decomposed, easily oxidized substances, widely used in medicine, food, light industry, chemical industry, agricultural scientific research, environmental protection and other experimental fields.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.



With over temperature control of visible & audible alarm system.

Sensor fault alarm, excessive vacuum alarm.

Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.

## Optional

- Spare shelf
- Built-in printer
- RS485 port
- USB data storage
- Vacuum pump



## Specifications

Model	DOV-55P	DOV-90P	DOV-55PV	DOV-90PV
Capacity(L)	52	91	52	91
Heating Mode	Shelf direct heating			
Dimension (W*D*H)	Internal (mm)	415*370*340	450*450*450	415*370*340
	External (mm)	635*565*796	670*645*906	635*565*1296
Temperature	Range (°C)	RT+10 ~ 250		
	Fluctuation (°C)	±1		
	Resolution (°C)	0.1		
	Sensor	PT100		
Controller	Multi-stage PID			
Vacuum Degree Range	<133Pa			
Vacuum Nozzle Diameter (mm)	Φ10			
Display	7.0inches LCD color touch screen			
Timer	0 ~ 9999min / 0 ~ 9999h			
Material	Internal	SUS304 mirror stainless steel		
	External	SUS304 embossed stainless steel		
Shelves (Standard)	2			
Safety Device	Over temperature visible & audible alarm, sensor fault alarm, vacuum overvalue alarm			
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz		
	Consumption (W)	1200	1600	1600
N.W. / G.W.(kg)	67 / 92	82 / 105	87 / 112	102 / 125
Package Dimension(W*D*H)(mm)	804*705*957	860*810*1040	760*730*1500	840*785*1562
Optional	Spare shelf (independent temperature control), RS485 transfer to USB communication interface, built-in printer			

# Drying Oven / Incubator ( Dual-use )

DOI-30E    DOI-45E    DOI-65E    DOI-85E  
 DOI-125E    DOI-230E



DOI-30E    DOI-45E    DOI-65E  
 DOI-85E    DOI-125E

## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



### Internal circulation system

Forced convection system.

Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.



### Intelligent control

Digital display, with intelligent PID control, parameter real-time display.

Button operation, simple and convenient, can quickly set temperature and time parameters.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of high-quality mirror stainless steel, with strong corrosion resistance.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality rock wool board, and the insulation layer of the chamber is thickened.



With over temperature control of visible & audible alarm system.



Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.



## Application

It is widely used in chemical industry, electronic communication, plastics, cables, electroplating, hardware, automobile, optoelectronics, rubber products, molds, spraying, printing, medical treatment, aerospace and universities and other industries.

## Optional

Spare shelf

DOI-30E DOI-45E DOI-65E  
DOI-85E DOI-125E

DOI-230E

## Specifications

Model	DOI-30E	DOI-45E	DOI-65E	DOI-85E	DOI-125E	DOI-230E
Capacity (L)	30	45	65	85	125	230
Circulation Mode	Forced convection			Forced convection		
Dimension (W*D*H)	Internal (mm)	310*310*310	350*350*350	400*360*450	450*420*450	500*450*550
	External (mm)	460*510*695	500*550*735	550*550*840	590*610*830	636*680*915
Temperature	Range (°C)	Incubator: RT+5 ~ 80 , Drying oven: 80 ~ 300			Incubator: RT+5 ~ 80, Drying oven: 80 ~ 300	
	Fluctuation (°C)	±1			±1	
	Resolution (°C)	0.1			0.1	
	Uniformity (°C)	Incubator: ±1.0 Drying oven: ±2.5%			Incubator: ±1.0 Drying oven: ±2.5%	
	Sensor	PT100			PT100	
Controller	PID			PID		
Display	Digital LED			Digital LED		
Timer (min)	0 ~ 9999 (with timing wait function)			0 ~ 9999 (with timing wait function)		
Material	Internal	Mirror Stainless Steel			Mirror Stainless Steel	
	External	Cold rolled steel electrostatic spraying exterior			Cold rolled steel electrostatic spraying exterior	
Shelves (Standard / Max)	2 / 5	2 / 6	2 / 8	2 / 8	2 / 11	2 / 17
Test Hole (mm)	Φ35 on the top			Φ35 on the top		
Safety Device	Over temperaure visible & audible alarm			Over temperaure visible & audible alarm		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz			AC 220 / 110V, 50 / 60Hz	
	Consumption (W)	800	1200	1600	2000	2300
N.W. / G.W. (kg)	33 / 42.5	37 / 43	44 / 49	50 / 56	60/66	94 / 120
Package Dimension (W*D*H) (mm)	540*580*870	630*600*910	640*630*1210	680*685*1000	710*730*1100	857*885*1287
Optional	Spare shelf			Spare shelf		

# Drying Oven / Incubator ( Dual-use )

DOI-30Z DOI-50Z DOI-70Z DOI-140Z DOI-240Z



## Key Features



### Energy-saving

The sealing ring of incubator adopts a new type of synthetic silicone sealing strip, which effectively prevents heat loss.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



### Intelligent control

Large-screen LCD display, real-time parameter display, simple and convenient operation.

Running function: fixed value running, timing running, the screen displays "END" when the running time is completed, accompanied by a buzzer reminder.



### Internal circulation system

The circulation system adopts the back suction and the air circulation on both sides mode.

The shelf is laser hollowed out with round holes for better ventilation and better temperature uniformity.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm. The inner tank is made of high-quality brushed stainless steel, with strong corrosion resistance.

Built in observation window to make the objects in the chamber clear at a glance. The anti-scalding design of the door handle makes it easy to open and close the door.



Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.

The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the box is thickened.

With limited temperature control sound and light alarm system.

Self-diagnosis function: display fault information, which is convenient for judging the fault point.

## Application

It can be used as an incubator for industrial and mining enterprises, laboratories, scientific research units, etc. to cultivate viruses and bacteria; it can also be used as a drying oven for drying, baking, melting wax, and sterilization.



DOI-30Z

DOI-50Z

DOI-70Z DOI-140Z DOI-240Z

## Specifications

Model	DOI-30Z	DOI-50Z	DOI-70Z	DOI-140Z	DOI-240Z	
Capacity(L)	30	50	70	135	220	
Heating Mode	Forced air convection					
Dimension (W*D*H)	Internal (mm)	340*325*290	420*350*500	400*360*500	500*450*600	550*500*800
	External (mm)	490*520*690	710*520*520	540*550*870	640*680*970	690*700*1140
Temperature	Range (°C)	Oven: 80-200		Incubator: RT+5-80		
	Fluctuation(°C)	±0.5				
	Resolution(°C)	0.1				
	Uniformity (°C)	±2.5%				
	Sensor	PT100				
Controller	PID					
Display	LCD					
Timer(min)	1-9999					
Material	Internal	Stainless steel				
	External	Electro-galvanized steel with antimicrobial powder coating				
Shelves	2					
Test Hole (mm)	Optional φ25,50,80					
Safety Device	Leakage protector/Over-temperature alarm					
Electricity	Voltage/Frequency(V/Hz)	220/50				
	Consumption(W)	550	850	1100	1500	2050
N.W. / G.W.(kg)	40/43	42/45	55/60	70/90	85/115	
Package Dimension(W*D*H)(mm)	600*630*800	770*640*650	650*640*1030	720*880*1070	740*970*1240	
Optional	1.Independent temperature limiting controller 2.Intelligent LCD procedure temperature controller(Optional USB,RS485/232 and printer)					

# Drying Oven / Incubator ( Dual-use )

DOI-45H DOI-72H DOI-125H DOI-210H



## Key Features



### Energy-saving

Adopt new synthetic silicone sealant strip, can run at high temperature for a long time.

The temperature rises rapidly, forced convection, and the dry hot air passes directly through the heated object, and the drying and disinfection time is significantly shortened.

The three-gear fan speed can be adjusted and timed by instrument setting, and the shelf can be moved to facilitate cleaning inside the box.



### Dedicated sheet metal processing

The shell of the product is made of high quality cold-rolled steel plate and the surface is treated by spraying process.

The inner chamber is made of 304 mirror stainless steel.



### Intelligent control

High-precision microcomputer LCD temperature controller, accurate and reliable temperature control.

Function: timing, over-temperature alarm indication, temperature deviation correction, temperature control self-tuning, automatic speed regulation of fan, door control (Once the door is opened, the heating will be automatically stopped to effectively prevent the machine from overheating) etc.



### Humanized design

Built-in thickened double layer toughened glass observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.



### Internal circulation system

Forced convection system

Equipped with fan speed control switch, users can choose to "adjust the wind speed manually" or directly choose "automatic speed regulation of fan according to their needs."



Once the temperature exceeds the limit, the machine will automatically stop heating to ensure the safety of personnel and equipment.

With over temperature control of visible & audible alarm system.

## Application

It is suitable for drying, baking, wax melting and heat treatment in laboratories of industrial and mining enterprises, colleges and universities, scientific research institutes, medical and health care, etc.



DOI-45H DOI-72H



DOI-125H DOI-210H

## Specifications

Model	DOI-45H	DOI-72H	DOI-125H	DOI-210H
Capacity(L)	45	72	125	210
Heating Mode	Forced air convection			
Dimension (W*D*H)	Internal (mm)	350*360*350	400*400*450	450*500*550
	External (mm)	550*495*700	590*535*800	650*635*1040
Temperature	Range (°C)	Oven:80-300;Incubator: RT+5-80		
	Fluctuation (°C)	Used for incubator: ±0.5; Use for drying oven:±1		
	Resolution (°C)	0.1		
	Sensor	±2.5		
Controller	PT100			
Display	PID			
Timer (min)	LCD			
Material	Internal	Stainless steel		
	External	High quality cold-rolled steel plate		
Shelves	2			
Test Hole	1			
Safety Device	Over- temperature alarm			
Electricity	Voltage / Frequency	AC 220/110V, 50/60Hz		
	Consumption (W)	1000	1500	2000
N.W. / G.W.(kg)	38/46	47/55	71/81	85/97
Shipping Dimension (W*D*H)(mm)	600*550*790	650*600*880	720*700*1130	790*750*1280
Optional	Spare shelf, RS485 port, printer, multi-segment programmable control, color touch screen temperature controller			

# High Temperature Oven

DON-H130 DON-H220 DON-H640



## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



### Dedicated sheet metal processing

Outer box material: cold-rolled steel surface sprayed with plastic; inner material: SUS stainless steel plate.

Top-mounted air outlet, easy to switch.

Pull-out movable shelf.



### Intelligent control

LED display, PID temperature controller, precise temperature control.

Continuous operation or timed operation: 0 ~ 9999min; with parameter memory function, it will automatically resume operation after incoming calls.

The resistance wire at the bottom can be heated, and there is a temperature switch. Suitable heating power can be selected according to different temperatures.

Menu-type operation interface, simple and convenient operation, can quickly set temperature and time parameters.

### Internal circulation system

Natural convection system.

## Application

This product is used for drying, baking, wax melting and sterilization in industrial and mining enterprises, laboratories and scientific research units. This drying oven is suitable for heating, drying or heat treatment below 500 °C, and is not suitable for baking volatile items and flammable and explosive items.



## Specifications

Model	DON-H130	DON-H220	DON-H640	
Capacity(L)	137	226	646	
Circulation Mode	Natural convection			
Dimension (W*D*H)	Internal (mm)	552*450*553	602*500*753	803*803*1003
	External (mm)	1020*720*922	1070*770*1122	1270*1070*1372
Temperature	Range (°C)	50°C - 500°C		
	Fluctuation (°C)	±1°C		
	Uniformity (°C)	±3.5%		
	Sensor	PT100		
Controller	PID			
Material	Internal	SUS stainless steel plate		
	External	Plastic spraying on the surface of cold-rolled steel plate		
Shelves (Standard)	2	3	3	
Safety Device	Over temperature alarm, temperature probe damage alarm			
Electricity	Voltage / Frequency	AC 380V 50Hz		
	Consumption (W)	6000	8000	12000
N.W. / G.W.(kg)	110/140	140/170	110/200	
Shipping Dimension (W*D*H)(mm)	1170*840*1080	1220*890*1280	1470*1190*1530	

# Forced Air Drying Oven

DOF-50A DOF-100A DOF-200A



## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



### Intelligent control

Large high definition LCD display, with intelligent PID control, parameter real-time display.



### Internal circulation system

Back suction and bottom forced convection system.

Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.



### Dedicated sheet metal processing

The inner chamber is made of high-quality brushed stainless steel, with strong corrosion resistance.



### Humanized design

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.

## Application

It is used for drying and constant temperature testing of various products and materials and electrical, components, electronics, electricians, automobiles, aviation, hardware tools, etc. under constant temperature conditions.

SAFETY

Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.

With over temperature control of visible & audible alarm system.

Self-diagnosis function.

## Optional

Spare shelf

Multi-segment programmable control

USB data storage

RS485 port

RS232 port

Build-in printer

(USB data storage, RS485, RS232 port and Build-in printer :Incompatible, please select only one of the four options)

Digital independent temperature limiter



## Specifications

Model	DOF-50A	DOF-100A	DOF-200A
Capacity(L)	50	100	200
Circulation Mode	Forced convection		
Dimension (W*D*H)	Internal (mm)	350*350*400	450*450*450
	External (mm)	540 *660*620	620*750*650
Temperature	Range (℃)	50 ~ 400	
	Fluctuation (℃)	±0.5	
	Resolution (℃)	0.1	
	Uniformity (℃)	±2.5%	
	Sensor	PT100	
Controller	PID		
Display	High definition LCD		
Timer(min)	1 ~ 9999		
Material	Internal	High-quality brushed stainless steel	
	External	Electro-galvanized steel with antimicrobial powder coating	
Shelves (Standard)	2		
Test Hole (Optional)	Φ25, 50, 80		
Safety Device	Leakage protector, over - temperature alarm		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz	380V 50/50HZ
	Consumption (W)	2500	3000
N.W. / G.W.(kg)	60 / 73	113 / 140	232 / 260
Package Dimension (W*D*H)(mm)	970*750*840	1230*1160*1060	1350*1260*1150
Optional	Spare shelf, multi-segment programmable control (USB data storage, RS485 / 232 port and build-in printer), digital independent temperature limiter		

## Sterilizing Oven

DOF-HAS30E DOF-HAS-45E DOF-HAS65E  
DOF-HAS85E DOF-HAS125E DOF-HAS230E



### Features

- ◆ horizontal air circularly by double air ducts, high efficiency and high uniformity.
- ◆ PID controller, with over-temperature protection function.
- ◆ With fan switch, LED digital display, high temperature blast motor.
- ◆ New anti-hot handle.

### Specifications



DOF-HAS30E DOF-HAS-45E DOF-HAS65E  
DOF-HAS85E DOF-HAS125E



DOF-HAS230E

Model	DOF-HAS30E	DOF-HAS45E	DOF-HAS65E	DOF-HAS85E	DOF-HAS125E	DOF-HAS230E
Cycle Mode	Forced convection					
Function	Temp. Range					
	Temp. Resolution Ratio					
	Temp. Fluctuation					
	Temp. Uniformity					
Structure	Inner Chamber					
	Outside Material					
	Insulation Layer					
	Heater					
	Power Rating					
	Exhaust Hole					
Controller	Temp. Control Mode					
	Temp. Setting Mode					
	Temp. Display Mode					
	Timer					
	Operation Function					
	Additional Function					
	Sensor					
Specification	Inner Chamber Size(W*L*H)(mm)					
	Exterior Size (W*L*H)(mm)					
	Package Dimension(W*D*H)(mm)					
	Volume					
	Shelf Number(Max.)					
	Load Per Rack					
	Shelf Space					
	Current Rating (50/60Hz)					
	N.W./G.W.(kg)					
	Standard	Shelf				
Accessories	Shelf Frame					
Optional Accessory	Shelf					

## Sterilizing Oven

DOF-HAS20A DOF-HAS50A DOF-HAS70A  
DOF-HAS100A DOF-HAS200A



### Features

#### Energy saving

The sealing ring of incubator adopts a new type of synthetic silicone sealing strip, which effectively prevents heat loss.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.

#### Intelligent LCD control

Large-screen LCD display, real-time display of parameters, self-locking function of screen, convenient menu-type operation interface, simple and convenient operation, and can quickly set temperature and time parameters.

Running function: fixed value running, timing running; The screen will display "END" with a beeping reminder after the running time is completed.

Program control instruments can be added, and up to 30 programs can be set to control temperature and time. Each program can be set for 1-99 hours and 59 minutes.



#### Internal circulation system

Adopts high-quality fan and large impeller fan, the machine has higher ventilation efficiency and better temperature uniformity.

The circulation system adopts the back suction and the bottom vertical air supply mode.

Better ventilation and temperature uniformity.



#### Dedicated sheet metal processing

The box body is formed in one step by laser cutting. The outer box is made of high-quality cold-rolled steel plate with anti-static spray coating on the surface, and the inner tank is made of high-quality brushed stainless steel.

The shelf is made of high-quality stainless steel, and a load-bearing beam can be added at the bottom of the shelf to increase the load-bearing capacity.

The shelves are designed with sliding bayonet to prevent tilting and misalignment.

The inner tank is designed with large arc corners, no dead corners, and easy to clean and maintain.

Stainless steel wire drawing treatment with strong corrosion resistance.

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm.

Built in tempered and double-layer observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.



### SAFETY

Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.

Self-diagnosis function: display fault information, which is convenient for judging the fault point.

The insulation material is made of high-quality aluminum silicate cotton, and the insulation layer of the chamber is thickened to ensure a lower temperature on the surface of the chamber and safer operation.

Internal limited temperature control sound alarm system, the heating stops working when the temperature limit is exceeded, and the sound automatically alarms when the alarm temperature is exceeded.

High or low temperature and over-temperature alarm.

### Description

It uses high-temperature dry heat to oxidize microorganisms, denature proteins, and cause poisoning due to electrolyte concentration. The main one is to destroy the cell protoplasm through oxidation, so that the microorganisms die, so all microorganisms can be killed within a certain heating time.



DOF-HAS20A DOF-HAS50A  
DOF-HAS70A DOF-HAS100A  
DOF-HAS200A



DOF-HAS20A DOF-HAS50A  
DOF-HAS70A DOF-HAS100A  
DOF-HAS200A

## Specification

Model	DOF-HAS20A	DOF-HAS50A	DOF-HAS70A	DOF-HAS100A	DOF-HAS200A	
Capacity(L)	34	51	70	138	188	
Circulation	Forced air convection		Forced air convection		Forced air convection	
Dimension (W*D*H)	Internal (mm)	340*320*320	420*350*350	400*360*500	550*450*560	600*550*570
	External (mm)	630*570*500	760*640*640	540*550*870	845*700*730	890*730*780
Temperature	Range (°C)	RT+10-250		RT+10-250		
	Fluctuation(°C)	±0.5		±0.5		
	Resolution(°C)	0.1		0.1		
	Uniformity (°C)	±2.5%		±2.5%		
Sensor	PT100		PT100			
Controller	PID		PID			
Display	LCD		LCD			
Timer(min)	1-9999		1-9999			
Material	Internal	Stainless steel		Stainless steel		
	External	High-quality cold-rolled steel plate surface anti-static spraying		High-quality cold-rolled steel plate surface anti-static spraying		
Shelves	2		2			
Safety Device	Leakage protector/Over- temperature alarm		Leakage protector/Over- temperature alarm			
Electricit	Voltage/Frequency(V/Hz)	AC 220/110V,50/60Hz		AC 220/110V,50/60Hz		
	Consumption(W)	500	750	1050	1500	2000
N.W./ G.W.(kg)	27/30	42/57	55/61	70/88	86/107	
Package Dimension (W*D*H) (mm)	770*680*580	830*710*700	650*640*1030	810*900*960	990*860*940	
Optional	Intelligent touch screen with program setting and data storage functions		Intelligent touch screen with program setting and data storage functions			
	Printer or RS 485 port (choose one), independent temperature limit controller, test hole		Printer or RS 485 port (choose one), independent temperature limit controller, test hole			
Standard	Shell:Laser operation		Shell:Laser operation			
	Inner tank: high quality brushed stainless steel		Inner tank: high quality brushed stainless steel			
	Fan: high quality fan		Fan: high quality fan			
	Heating pipe: high quality stainless steel heating pipe		Heating pipe: high quality stainless steel heating pipe			
	Insulation: High-quality aluminum silicate silk cotton six-sided insulation		Insulation: High-quality aluminum silicate silk cotton six-sided insulation			
	Electrical appliances: Leakage protector		Electrical appliances: Leakage protector			
Temperature control: with PID, timing, self-tuning, thyristor, LCD display		Temperature control: with PID, timing, self-tuning, thyristor, LCD display				

# Dual Convection Oven

DOF-H42Z DOF-H70Z DOF-H135Z DOF-H224Z



## Key Features



PID temperature controller with LED digital display, ensuring precise temperature control.



Continuous or timed operation: 0~9999min.  
Equipped with a parameter memory function, automatically resuming operation upon power restoration.



Outer casing material: Cold-rolled steel plate with powder coating; Inner casing material: SUS stainless steel plate.



Features an inner glass door, but no observation window on the outer door; Top-mounted adjustable air outlet.



The inner chamber features a rounded arc design for easy cleaning.

Removable shelves with adjustable spacing.



Bottom resistance wire heating with a temperature selector switch, allowing selection of the appropriate heating power based on the temperature.

The fan can be turned off, transforming it into a natural convection constant temperature drying oven.

- ◆ Capacity: 42L, 70L, 135L, 224L
- ◆ Circulation Mode: Forced convection
- ◆ Temperature Range: 50-300°C
- ◆ Equipped with parameter memory function
- ◆ PID temperature controller with LED digital display

## Application

It is used for drying, baking, wax melting, and sterilization in industrial and mining enterprises, laboratories, and research units.



## Specifications

Model	DOF-H42Z	DOF-H70Z	DOF-H135Z	DOF-H224Z
Capacity (L)	42	70	135	224
Circulation Mode	Forced convection, Bottom heating			
Dimensions (W*D*H)	Internal (mm)	350*348*350	450*348*450	550*448*550
	External (mm)	677*527*642	777*527*742	877*627*842
Temperature Range (°C)	50-300			
Temperature Uniformity (°C)	≤ Max. Temp. ±2.5%			
Temperature Fluctuation (°C)	±1			
Shelves	2	2	3	3
Electricity	Voltage / Frequency 1Ø, 220V/50Hz			
	Consumption (W)	1600	2400	3000
Alarm Type	Over temperature alarm, temperature probe damage alarm			
Optional	Shelf			

# Infrared Fast Heating Drying Oven

DON-IF72H DON-IF138H DON-IF270H



## Key Features



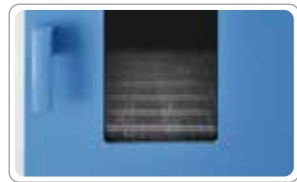
PID temperature controller with LED digital display for precise temperature control.

Infrared thermal radiation heating method, efficient and rapid.



Supports continuous or timed operation: 0-9999min.

Equipped with a parameter memory function, automatically resuming operation upon power restoration.



Outer casing material: Cold-rolled steel plate with powder coating; Inner casing material: SUS stainless steel plate.



There is no glass inner door, and the outer door has an observation window.

Top-mounted adjustable air outlet.



The inner chamber adopts a rounded arc structure design for easy cleaning.

Removable shelves with adjustable spacing.

## Optional

Independent external temperature protection device.

LCD screen temperature controller.

LCD screen temperature controller + RS485 communication interface.

LCD screen temperature controller + micro dot-matrix printer.

RS485 to USB adapter.

- ◆ Capacity: 72L, 138L, 270L
- ◆ Circulation Mode: Natural convection
- ◆ Temperature Range: 50-250°C
- ◆ Equipped with parameter memory function
- ◆ PID temperature controller with LED digital display for precise temperature control

## Application

It adopts efficient and low consumption far-infrared heating technology, which has good effects on rapid drying work and test samples. It can be widely used in industrial, agricultural, medical, scientific research projects and laboratories.



## Specifications

Model	DON-IF72H	DON-IF138H	DON-IF270H	
Capacity (L)	72	138	270	
Circulation Mode	Natural convection			
Dimensions (W*D*H)	Internal (mm)	400*400*450	500*500*550	600*600*750
	External (mm)	730*565*702	830*665*772	930*765*972
Temperature Range (°C)	50-250			
Temperature Uniformity (°C)	≤ Max. Temp. ±3.5%			
Temperature Fluctuation (°C)	±1			
Shelves	2	3	3	
Electricity	Voltage / Frequency	1Ø, 220V/50Hz		
	Consumption (W)	1200	1600	1900
Alarm Type	Over temperature alarm, temperature probe damage alarm			
Optional	Shelf			
	Independent external temperature protection device.			
	LCD screen temperature controller.			
	LCD screen temperature controller + RS485 communication interface.			
	LCD screen temperature controller + micro dot-matrix printer.			
	RS485 to USB adapter.			

Note: External depth (D) includes 6.5cm accessories; height (H) includes 1.2cm accessories