

# DRYING OVEN



# DRYING OVEN

Drying ovens are used across a wide range of industries, research and laboratories for simple applications. It ensures temperature stability and reproducibility for all your desired application needs.

Used in Drying, Baking, Disinfecting, Sterilization, Laboratory, Research, Engineering, Industry, Thermostat storage, Heating Storage.

Also known as Heating Oven, Laboratory Drying Oven.

## OVE11 DRYING OVEN

Precision LCD

Cooling fan

Stainless steel inner chamber

Intelligent PID control system

Best quality oven



## SPECIFICATIONS

Model	OVE11-040	OVE11-070	OVE11-130	OVE11-225
Capacity	40 L	70 L	130 L	225 L
Temperature Range	RT+5-250°C			
Temperature Accuracy	±0.1°C			
Temperature Fluctuation	±1%			
Temperature Uniformity	±1°C			
Temperature Resolution	±0.5°C			
Timer Range	0-999 min			
Internal Dimension (WxDxH)	350x350x320 mm	450x350x420 mm	550x450x520 mm	600x550x750 mm
Overall Dimension (WxDxH)	640x550x530 mm	740x550x630 mm	890x630x750 mm	965x770x980 mm
Noise Level	≤55 db	-	-	-
Weight	36/39 kg	47/50 kg	62/66 kg	96/105 kg
Power	1000 W	1200 W	1600 W	2500 W
Power Supply	220 V, 50 Hz			
Package Size	-	720x740x1470 mm	770x740x1670 mm	1907x815x1090 mm
Convection Mode	-	-	-	Forced Convection
Shelves	-	-	-	4



OVE11-040



OVE11-070



OVE11-130



OVE11-225

## OVE12 DRYING OVEN

Digital display all 304 stainless steel inner chamber and outer

Intelligent PID control system

Large observation window

Tight buckle handle



## SPECIFICATIONS

Model	OVE12-040	OVE12-070T	OVE12-130	OVE12-225T
Capacity	40 L	70 L	130 L	225 L
Temperature Accuracy	±1°C			
Temperature Fluctuation	±1%			
Temperature Uniformity	0.5°C	-	-	-
Temperature Resolution	0.1°C	-	-	-
Time for Heating	≤6 min (20°C to 57°C)		-	-
Timer Range	0-999 min			
Internal Dimension (WxDxH)	350×350×350 mm	450×350×450 mm	550×450×550 mm	600×500×750 mm
Overall Dimension (WxDxH)	640×550×530 mm	740×550×630 mm	890×630×750 mm	965×770×980 mm
Weight	35.5/38.5 kg	45/48 kg	60/64 kg	94/103 kg
Power	1000 W	1200 W	1600 W	2500 W
Power Supply	220 V, 50 Hz			
Temperature control accuracy	-	≤±0.5°C	-	-
Display Accuracy	-	0.1°C	-	-



## OVE15 DRYING OVEN

Digital display intelligent temperature controller with micro-computer intelligent PID self-tuning function.

The inner tank is made of stainless steel plate, which has the characteristics of anti-acid, anti-corrosion, etc.

The box door is a double-layer insulation material door seal, which effectively insulates heat and prevents heat loss, effectively saving energy.

Heat-generating components and fans are made of high temperature resistant materials to ensure safety and long service life.



### SPECIFICATIONS

Model	OVE15-050	OVE15-075	OVE15-110
Capacity	50 L	75 L	110 L
Temperature Range	RT+5-500°C		
Temperature Accuracy	±1°C		
Temperature Fluctuation	±2%		
Internal Dimension (WxDxH)	450x350x450 mm	550x450x550 mm	600x600x750 mm
Overall Dimension (WxDxH)	770x580x750 mm	870x680x850 mm	1020x830x1050 mm
Shelves	2		
Weight	50 kg	75 kg	100 kg
Power	4 KW	5 KW	6 KW
Power Supply	220/50 Hz		



OVE15-050



OVE15-075



OVE15-110

# OVE13 THERMOSTATIC DRYING OVEN

- ALLSENSTM programmable PID control
- ALLHEAT™ cavity warm-up technology
- ALLFLOW™ perfect air current cycling
- Pro-INSULATION™ Insulation technology
- SUS304 stainless steel internal material
- Build-in memory menu, real-time monitoring
- Display parameters: Temperature, Air velocity, Run time, Run/Stop



## SPECIFICATIONS

Model	OVE13-040	OVE13-070	OVE13-130
Capacity	40 L	70 L	130 L
Temperature Range	RT+5 – 250°C		
Ambient Temperature	10-30°C		
Temperature Accuracy	0.1°C		
Temperature Fluctuation	±1°C(50 - 240°C)		
Temperature Uniformity	2%(50 - 240°C)		
Ambient Humidity	<70%		
Timer Range	0-99 h or 0-9999 min		
Convection Mode	Forced Convection		
Internal Dimension (WxDxH)	350x350x350 mm	450x450x350 mm	550x550x450 mm
Overall Dimension (WxDxH)	570x580x593 mm	670x680x593 mm	770x780x693 mm
Package Size	690x660x680 mm	790x760x680 mm	890x860x780 mm
Shelves	2		
Weight	40/43 kg	48/51 kg	65/69 kg
Power	770 W	970 W	1270 W
Power Supply	Single phase AC220V/50Hz		



OVE13-040



OVE13-070



OVE13-130

# OVE12 DRYING OVEN

- Micro-computer intelligent control system with LED display
- Forced air convection maintains temperature uniformity
- High quality stainless steel inner chamber with electrostatic spray treated exterior
- Large observation window
- Easy to clean semicircular corners with adjustable shelves
- Silicon rubber sealing ring prevents heat loss
- Over temperature alarm with timer



## SPECIFICATIONS

Model	OVE12-042	OVE12-070	OVE12-136	OVE12-225
Capacity	42 L	70 L	136 L	225 L
Temperature Range	RT+5-250°C			
Temperature Accuracy	±1°C			
Temperature Uniformity	±4.5°C at 250°C		±7.0°C at 400°C	
Temperature Resolution	±1°C			
Timer Range	0-999 min			
Internal Dimension (WxDxH)	350x350x350 mm	420x450x350 mm	550x550x450 mm	750x600x500 mm
Overall Dimension (WxDxH)	530x640x550 mm	630x740x550 mm	750x890x630 mm	980x965x770 mm
Package Size	650x720x630 mm	750x820x630 mm	870x970x710 mm	1100x1045x850 mm
Shelves	2			
Weight	35/38 kg	44.5/47.5 kg	59.5/63.5 kg	93/102kg
Power	1000 W	1200 W	1600 W	2500 W
Power Supply	220V, 50Hz	220V, 60Hz		

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS54389	Intelligent program temperature controller	
LS54401	Independent limit of temperature controller	



OVE12-042



OVE12-070



OVE12-136



OVE12-225



# ***Centrifugen***

## **Centrifugen**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@centrifugen.com](mailto:info@centrifugen.com) | Website: [centrifugen.com](http://centrifugen.com)