

DDO-9042A/B、 DDO-9070A/B

DDO-9136A/B、 DDO-9210A/B、 DDO-9245A/B

Electric Heating Forced-Air Drying Oven

Features

- The product casing is made of high-quality galvanized sheet and is processed into shape. The surface is treated with electrostatic spraying technology, which ensures long-term corrosion resistance and durability.
- The inner liner of the box can be made of high-quality stainless steel or galvanized sheet, with rounded corners for easy cleaning.
- The oversized ergonomic design of double-layer tempered glass observation window makes it convenient to observe the experimental process inside the box.
- The use of a new type of synthetic silicone sealant strip results in an attractive appearance and enables long-term operation at high temperatures, with an extended service life.
- Unique hot air circulation system: Utilizing low-noise self-cooling fans, this design ensures a longer lifespan for the fans and more uniform temperature inside the box.
- Intelligent digital PID temperature control instrument: Equipped with functions such as timing, over-temperature alarm, temperature deviation correction, and temperature self-tuning;
- After the fan is turned off, there will be significant temperature variations inside the working chamber. Under normal circumstances, the fan should not be turned off.



Specifications

Model	DDO-9042A/B	DDO-9070A/B	DDO-9136A/B	DDO-9210A/B	DDO-9245A/B
Capacity	42L	70L	136L	210L	245L
Rated power supply	220V 50Hz				
Temperature control range	RT+10°C-300°C				
Temperature resolution	±1°C (at 100°C)				
Temperature fluctuation degree	±3% (The test point is 100°C)				
Temperature distribution accuracy	±2.5%				
Inner liner material	A: Galvanized inner liner B: 201 stainless steel inner liner				
Shell material	Galvanized sheet (surface electrostatically sprayed)				
Insulation layer	Ceramic fibers				
Heater	Stainless steel heating tube				
Rated power	1000w	1500w	2000w	2000w	3000w
Exhaust hole (test subunit)	35mm (top) one				
Control Panel	LCD				
Temperature sensor	PT100				
Timer function	0-9999min				
Operation mode	Fixed-value operation, timed operation, automatic stop				
Wind speed adjustment	Mechanical knob (four-speed three-speed/ left fan)				
Inner tank size (mm)	350×350×350	350×450×450	450×550×550	500×600×700	500×700×700
Overall size (mm)	520×660×530	510×750×620	620×860×715	680×910×880	670×1000×880
Packaging size (mm)	580×730×600	570×820×720	680×910×810	720×960×970	710×1060×970
Standard/Maximum number of partitions	2/4	2/6	2/8	2/10	2/10
Partition spacing	60mm	60mm	55mm	60mm	60mm
Partition load-bearing capacity	16kg	16kg	16kg	16kg	16kg
Gross weight	43kg	48kg	66kg	80kg	83kg
Additional functions	Sensor deviation correction, over-temperature alarm, PID self-tuning for temperature overshoot, internal parameter locking, power-off parameter restoration				
Optional functions	Sensor deviation correction, over-temperature alarm, PID self-tuning for temperature overshoot, internal parameter locking, power-off parameter restoration				