

Forced Air Drying Oven

◎ Used for drying, baking, wax, heat treatment.

Characteristics:

- 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

EBD-BE series have the following characteristics other than the above functions.

- LCD temperature controller.
- 4 grades speed fan, adjustable for different requirements.
- Over-temperature protection system.
- High precision digital independent temperature limiter.
- 304: SUS304 Stainless Steel Body.



Patent No. : ZL 2018 3 0094606.5

Main Technical Parameters:

Model		EBD-30B	EBD-45B	EBD-65B	EBD-85B	EBD-125B	EBD-230B	EBD-625B
		EBD-30BE	EBD-45BE	EBD-65BE	EBD-85BE	EBD-125BE	EBD-230BE	EBD-625BE
		EBD-30BE(304)	EBD-45BE(304)	EBD-65BE(304)	EBD-85BE(304)	EBD-125BE(304)		
Cycle Mode		Forced convection						
Function	Temp. Range	RT+10-300℃						
	Temp. Resolution Ratio	0.1℃						
	Temp. Motion	±1℃						
	Temp. Uniformity	±2.5%						
Structure	Inner Chamber	Mirror Stainless Steel						
	Outer Shell	Cold rolling steel electrostatic spraying exterior / 304:SUS304						
	Insulation Layer	High quality rock wool board(with CE)						
	Heater	Stainless steel heater						
	Power Rating	0.8kW	1.2kW	1.6kW	2.0kW	2.3kW	3.0kW	5.0kW
	Exhaust Hole	φ 35mm top(with function of test hole)					Rear exhaust	Top double exhaust
Controller	Temp. Control Mode	Two temperature section PID intelligent						
	Temp. Setting Mode	Touch button setting						
	Temp. Display Mode	B model: Measuring temperature: display on the four digital tubes upper row, setting temperature: display on the lower row						
		BE model: Measuring temperature display on upper LCD screen, setting temperature display on the lower row						
	Timer	0-9999min(with timing wait function)						
	Operation Function	Fixed temperature operation, timing function, auto stop.						
	Additional Function	B model: Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory						
		BE model: High precision digital independent temperature limiter, 4 grades 3 speed adjustable-speed fan (230 and 625 model BE without fan speed adjustor), sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory						
	Sensor	PT100						
Safety Device	B type: Over temperature sound-light alarm;							
	BE type: Digital Independent Temp. limiter, Over temperature sound-light alarm.							
Specification	Inner Chamber Size(W*L*H)(mm)	310*310*310	350*350*350	400*360*450	450*420*450	500*450*550	600*500*750	760*660*1250
	Exterior Size (W*L*H)(mm)	450*500*690	490*540*730	540*550*830	590*610*830	640*640*930	735*835*1115	974*895*1677
	Packing Size (W*L*H)(mm)	540*575*855	580*615*895	635*625*995	680*685*1000	710*730*1100	857*885*1287	1061*1000*1885
	Volume	30L	45L	65L	85L	125L	230L	625L
	Max. Shelf Number	5	6	8	8	11	17	11
	Load Per rack	15kg						
	Shelf Space	40mm						100mm
	Power Rating (50/60HZ)	AC220V/3.6A	AC220V/5.5A	AC220V/7.2A	AC220V/9.0A	AC220V/10.5A	AC220V/13.6A	AC380V/7.6A
	NW/GW (kg)	33/37	37/43	44/49	50/56	60/66	94/120	150/190
Accessory	Shelf	2						
	Shelf Frame	4						
optional accessories		B type: Spare shelf, BE type: Spare shelf, RS485 interface, printer, Program controller, U-disk storage; 3.5-inch color touch screen temperature controller.						