



Drying oven/Incubator (Double function)

☉ Drying, baking, wax, heat treatment and bacterial culture in one chamber.

Characteristics:

- Horizontal air circularly by double air ducts, high efficiency and high uniformity.
- PID controller, with over-temperature protection function.
- With oven/incubator change switch, fan switch; and high temperature blast motor, LED digital display.
- New anti-hot handle.

DF-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	DF-30B		DF-45B		DF-65B		DF-85B		DF-125B		DF-230B	
	DF-30BE		DF-45BE		DF-65BE		DF-85BE		DF-125BE		DF-230BE	
		DF-30BE(304)	DF-45BE(304)	DF-45BE(304)	DF-65BE(304)	DF-65BE(304)	DF-85BE(304)	DF-85BE(304)	DF-125BE(304)	DF-125BE(304)	DF-230BE	DF-230BE
Cycle Mode		Forced convection										
Function	Temp. Range	Incubator:RT+5~80°C Drying oven:80~300°C										
	Temp. Resolution Ratio	0.1°C										
	Temp. Motion	± 1°C										
	Temp. Uniformity	± 2.5%										
Structure	Inner Chamber	Mirror Stainless Steel										
	Outer Shell	Cold rolling steel electrostatic spraying exterior 304:SUS 304 embossed stainless steel shell										
	Insulation Layer	High quality rock wool board(with CE)										
	Heater	Stainless steel heater										
Controller	Power Rating	0.8kW	1.2kW	1.6kW	2.0kW	2.3kW	3.0kW					
	Exhaust Hole	φ 35mm top(with function of test hole)										
	Temp. Control Mode	PID Two temperature section intelligent										
	Temp. Setting Mode	Touch button setting										
	Temp. Display Mode	B model: LED Digital Display										
		BE model: LCD Digital display										
	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 (GP230B/BE without fan speed adjustor), sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory										
	Sensor	PT100										
Specification	Safety Device	B type: Over temperature sound-light alarm; BE type: Digital Independent Temp. limiter, Over temperature sound-light alarm.										
	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					
	Exterior Size (W*L*H)(mm)	460*510*695	500*550*735	550*550*840	590*610*830	636*680*915	735*835*1115					
	Packing Size (W*L*H)(mm)	540*575*855	580*615*895	635*625*995	680*685*1000	710*730*1100	857*885*1287					
	Volume	30L	45L	65L	85L	125L	230L					
	Shelf Number	5	6	8	8	11	17					
	Load Per Rack	15kg										
	Shelf Space	40mm										
	Current Rating	AC220V/3.6A	AC220V/5.5A	AC220V/7.2A	AC220V/9.0A	AC220V/10.5A	AC220V/13.6A					
	NW/GW (kg)	33/37	37/43	44/49	50/56	60/66	94/120					
Accessory	Shelf	2										
	Shelf Frame	4										
Optional Accessories		B type: Spare shelf; BE type: Spare shelf, RS485 interface, printer, Program controller, remote control,U-disk storage; wireless SMS alarm, 3.5 inch color touch screen temperature controller.										