

Constant-temperature Incubator

◎ High precision experimental bacterial incubator.

Characteristics:

- Unique vertical double duct supply horizontal air circularly.
- 4 grades 3 speed adjustable speed fan, LED running indicator light.
- Over-temperature protection system: LED red light on meanwhile cut off heating circuit to improve product safety when workroom temperature exceed the alarm value.
- High precision digital independent temperature limiter.
- 304:SUS304 Stainless Steel Body.



Patent No. : ZL 2018 3 0095051.6

Main Technical Parameters:

| Model | | WPL-30BE | WPL-45BE | WPL-65BE | WPL-85BE | WPL-125BE | WPL-230BE |
|----------------------|-------------------------------|---|---------------|---------------|---------------|----------------|--------------|
| | | WPL-30BE(304) | WPL-45BE(304) | WPL-65BE(304) | WPL-85BE(304) | WPL-125BE(304) | |
| Cycle Mode | | Forced convection | | | | | |
| Function | Temp. Range | RT+5-120℃ | | | | | |
| | Temp. Resolution Ratio | 0.1℃ | | | | | |
| | Temp. Motion | ± 1℃ | | | | | |
| | Temp. Uniformity | ± 1.0℃ | | | | | |
| Structure | Inner Chamber | Mirror Stainless Steel | | | | | |
| | Outer Shell | Cold rolling steel electrostatic spraying exterior | | | | | |
| | Insulation Layer | High quality foam board | | | | | |
| | Heater | Stainless steel heater | | | | | |
| | Power Rating | 0.4kW | 0.5kW | 0.7kW | 0.9kW | 1.1kW | 1.5kW |
| Exhaust Hole | | φ 28mm top(with function of test hole) | | | | | |
| Controller | Temp Control Mode | Two temperature section intelligent PID | | | | | |
| | Temp. Setting Mode | Touch button setting | | | | | |
| | Temp. Display Mode | Measuring temperature: LCD upper screen; setting temperature: the lower row | | | | | |
| | Timer | 0-9999min(with timing wait function) | | | | | |
| | Operation Function | Fixed temperature operation, timing function, auto stop. | | | | | |
| | Additional Function | Digital Independent temp. limiter.4grades 3 speed ajustable speed fan(230 without fan speed adjuor) Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory | | | | | |
| Sensor | | PT100 | | | | | |
| Safety Deive | | Over temp. sound-light alarm, Digital Independent temp. limiter | | | | | |
| Specificati on | 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 | 730*680*1250 |
| | Packing Size (W*L*H)(mm) | 550*585*845 | 590*625*885 | 640*635*985 | 690*695*985 | 740*725*1085 | 860*790*1400 |
| | Volume | 30L | 45L | 65L | 85L | 125L | 230L |
| | Shelf Number | 6 | 7 | 9 | 9 | 13 | 17 |
| | Load Per Rack | 15kg | | | | | |
| | Shelf Space | 35mm | | | | | |
| | Current Rating | 220V/1.8A | 220V/2.3A | 220V/3.2A | 220V/4.1A | 220V/5A | 220V/6.8A |
| | NW/GW (kg) | 33/37 | 37/43 | 44/49 | 50/56 | 60/66 | 94/120 |
| Accessory | Shelf Fame | 4 | | | | | |
| | Shelf | 2 | | | | | |
| Optional Accessories | | Spare shelf, RS485 interface, printer, Program controller, remote control,U-disk storage | | | | | |