

Temp.									
Chamber Size(W×D×H)cm	45*42*9 3	58*51*9 4	59*55*1 16	70*55*1 25	96*61*1 37	126*50* 127.5	95*70*1 60	126*67* 127.5	146*85*1 35
Exterior Size(W×D×H)cm	65*73*1 75	77*74*1 71	78*87*1 91.5	88*87*1 99.5	110*93* 227	141.8*78 .1*195	101*90* 234	141.8*95 .1*195	162.5*122 *204
Grids(Std/Max)	3/16	3/16	3/21	3/22	3/22	6/18 (2 grids in one level)	3/22	6/18 (2 grids in one level)	6/20 (2 grids in one level)

D in the model# means double doors.

Growth Chamber with Light LB-N Series

LB-N Growth Chamber is to create constant lighting and temperature conditions for various cultivation and testing.

Features:

- ◆ Two sets of refrigeration systems automatically switch in turn to ensure that long time operation without failure.
- ◆ International brand fluorine-free compressor, environment friendly and reliable.
- ◆ Double door design. The inner door is made of tempered glass for easy observation, the outer door with magnetic strip, good sealing.
- ◆ Large LCD screen to display temperature and light intensity. Multi-segment timing program control technology, high precision.
- ◆ It can simulate the temperature changes of nature during the day and night.
- ◆ Polished stainless-steel chamber, moveable grids can be freely adjusted, easy for cleaning. Powder coating steel housing.
- ◆ JAKEL circulation fan, unique air duct structure, effectively guarantee the temperature stability inside the box.
- ◆ The parameters can be saved automatically in case of power failure, and the original setting programme will be run when power is restored.
- ◆ In case of failure of the incubator, a fault message appears on the LCD display, and the operational faults can be seen at a glance.
- ◆ Equipped with leakage protection and a spare mechanical thermostat to ensure the product work normally even the main temperature control failed (for heating).
- ◆ USB port for recording data.



Safety Devices:

Over temperature protection

Compressor over current protection

Over compressing protection

Heater overheats protection

Audible and visual alarm system



Specifications:

Model	LB-175-N	LB-275-N	LB-375-N	LB-475-N	LB-800-N	LB-800D-N (Double Door)	LB-1075-N	LB-1075D-N (Double Door)	LB-1675D-N (Double Door)
Chamber Volume	175L	275L	375L	475L	800L	800L	1075L	1075L	1675L
Temp. Range	With light:10~55℃ Without light:0~55℃								
Temp. Stability	$\cong \pm 1^\circ\text{C}$								
Display Resolution	0.1℃								
Temp. Uniformity	$\cong \pm 1^\circ\text{C}$								
Light Intensity (LX)	0~12000 6 levels control	0-20000 6 levels control	0-25000 6 levels control	0-30000 6 levels control	0-30000 6 levels control	0-30000 6 levels control	0-30000 6 levels control	0-30000 6 levels control	0-30000 6 levels control
Power Rating	1650W	2200W	2700W	2900W	4200W	4200W	4200W	4200W	4600W
Power Supply	AC220V, 50HZ								
Operating Temp.	+5~35℃								
Chamber Size(W×D×H)cm	45*42*9 3	58*51*9 4	59*55*1 16	70*55*1 25	96*61*1 37	126*50* 127.5	95*70*1 60	126*67* 127.5	146*85*13 5
Exterior Size(W×D×H)cm	65*73*1 75	77*74*1 71	78*87*1 91.5	88*87*1 99.5	110*93* 227	141.8*78 .1*195	101*90* 234	141.8*95 .1*195	162.5*122* 204
Number of Grids (Std/Max)	3/16	3/16	3/21	3/22	3/22	6/18 (2 grids in one tier)	3/22	6/18 (2 grids in one tier)	6/20 (2 grids in one tier)