

## LB-N Light Chamber (Fluorine-free Refrigeration)

### Features

- ★ Adopt imported fluorine-free compressor, environment friendly and reliable.
- ★ Adopt mirror stainless steel inner tank, shelves inside the chambers can be freely adjustable without tool, convenient for disinfection and cleaning.

#### ◆ Intelligent Controll

- ★ It can simulate the temperature changes of nature during the day and night and the multi-directional nature light.
- ★ The parameters set by the user can be automatically stored in case of power cut, it will run the original setting program after power restored.
- ★ intelligent multi-segment programmable control
- ★ Program control for temperature, light, time and heating rate, it can be controlled by 30 segments program, simplifying the complicated test process and realizes automatic control and operation.

#### ◆ Self-diagnosis function

When the light/climate chamber fails, the fault information will display on LCD screen, easy for check.

#### ◆ Safety function

- ★ Independent temperature limit alarm system, giving sound and visual alarm to prompt operator, ensuring safe operation of equipment.
- ★ Alarm for high or low temperature.
- ★ Equipped with leakage protection.
- ★ Equipped with spare temperature control which ensures the product work normally even the main temperature control failed(for heating).

### Optional

- 1.CO<sub>2</sub> inlet (promoting plant growth)
- 2.CO<sub>2</sub> controller (imported infrared CO<sub>2</sub> sensor),  
CO<sub>2</sub> Range 0~10% 0-3000ppm
- 3.Remote controll system



## Specifications

Model	LB-175-N	LB-275- N	LB-375-N	LB-475-N	LB-1075-N
Capacity (L)	175	275	375	475	1075
Temp.Range	With light:10~55℃    without light:0~55℃				
Temperature Fluctuation	±1℃				
Display Resolution	0.1℃				
Temperature Uniformity	±1℃				
light Intensity （LX）	0~12000	0~20000	0~25000	0~30000	0~30000
Program Control	Separately set for temperature and light, can set 30-segment program, each section can be set from 1 to 99 hours.				
Power Rating	860	170	2100	4000	8000
Power Supply	AC220V   50HZ			AC380   50HZ	
Ambient Temperature	+5~35℃				
Working	Long continuous operation				
Chamber Size(WxD*H)cm	45*42*93	58*51*93.5	59*55*116	70*55*125	95*70*160
Exterior Size(WxDxH)cm	61*62*150	74*71*157	75*75*173	86*75*182	101*90*224
Shelf (Standard/Max.)	3/16	3/16	3/21	3/22	3/22

**Note:** LAC chambers has humidity control, LB series chambers has no humidity control