Artist of Science

DW-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.

Ntelligent 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, simpliving 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.

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.



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Equipped with leakage protection.

Equipped with spare temperature control which ensures the product work normally even the main

Safety Device

- CO2 inlet (promoting plant growth)
- CO2 controller (imported infrared CO2 sensor), CO2 Range: 0~10%, 0-3000ppm
- Remote controll system

Specifications

Model	DW-LB-175-N	DW-LB-275- N	DW-LB-375-N	DW-LB-475-N	DW-LB-800-N	DW-LB-1075-N
Capacity (L)	175	275	375	475	800	1075
Temp.Range	With light:10~55°C Without light:5~55°C					
Temperature Fluctuation	RT+10∼250°C					
Display Resolution	0.1°C					
Temperature Uniformity	≦±2°C					
Light Intensity (LX)	$0 \sim 10000$	0~15000	$0 \sim 20000$	0~23000	$0 \sim 25000$	0~25000
Program Contro	Separately set for temperature and light, can set 30-segment program, each section can be set from 1 to 99 hour					
Power Rating	860	170	2100	4000	4500	8000
Power Supply	AC220V 50HZ					
Ambient Temperature	+5∼35°C					
Working	Long continuous operation					
Chamber Size(W×D×H)cm	45*42*93	58*51*93.5	59*55*116	70*55*125	96*61*137	95*70*160
Exterior Size(W×D×H)cm	61*62*150	74*71*157	75*75*173	86*75*182	113*93*198	101*90*224
Shelf(Standard/Max.)	3/16	3/16	3/21	3/22	3/22	3/22