

Large Environmental Control Chamber

It provides a flexible space that can accommodate different purposes by offering a range of varying capacities!

Choose from Three Types of LEDs: SUNRAY LIGHT LED (White color), PLANTFLEC LED Pink color or Yellow color!

Features

- It has a spacious capacity, allowing for easy caring-in and set up even in an 800 mm wide entranceway by simply removing the door. Casters are provided as standard equipment, making it easy to move the unit not only during delivery but also afterward.
- Various specifications can be selected from 880ℓ and 1240ℓ common chambers.
- The chamber's large capacity allows for direct installation of shelves and other equipment. Additionally, various lighting options are also available.
- Standard features include a measurement hole, an antibacterial deodorizing filter, and two outlets inside the chamber.
- The antibacterial deodorizing filter inside the chamber is effective in antibacterial and deodorizing the air inside the chamber.
- Both the interior and exterior of the main unit are constructed from colored antimicrobial steel plate.
- All models can be powered using a standard 15A household power outlet.

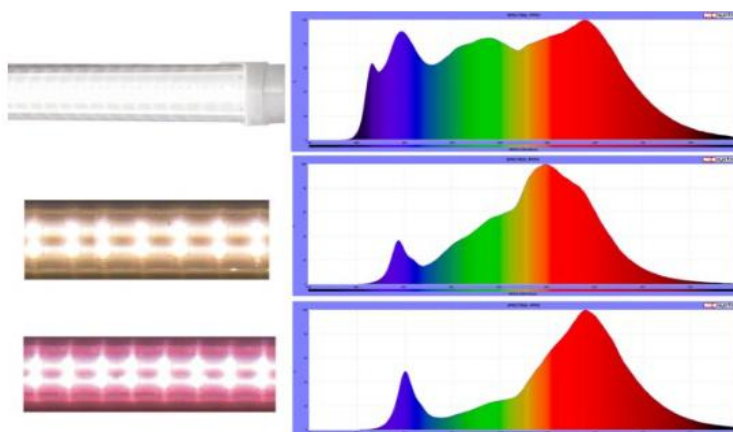
Applications

- Experiment
- Testing
- Cultivation
- Storage
- Quality Control
- Production Culture
- Research & Development

Options

- Window (880 type/1240 type)
- Additional measurement hole
- CO₂ addition control system (HCLP (H) only)
- CO₂ removal control system (HCLP (H) only)
- Change to fluorescent lighting type
- Change to other lighting types
- Change in number of LED/fluorescent tubes, number of steps, etc.

LED spectrum



880 ℓ



Specifications

Cooling chamber

Model	HC-880	HC-1240
Internal Capacity (ℓ)	880	1240
External Dimensions (mm)	W967 × D874 × H1,980	W1,350 × D874 × H1,980
Internal Dimensions (mm)	W850 × D703 × H1,466	W1,200 × D703 × H1,466
Temperature	4°C to 15°C	
Humidity	Ambient humidity	
Operation current (maximum) Not including the inside outlet	6A	
Power requirement	Single phase 100V 50/60Hz 15A	

Temperature control chamber

Model	HCLP-880	HCLP-880PF(S/D/P)* -3-4L	HCLP-1240	HCLP-1240PF(S/D/P)* -3-6L
Internal Capacity (ℓ)	880		1240	
External Dimensions (mm)	W967 × D874 × H1,980		W1,350 × D874 × H1,980	
Internal Dimensions (mm)	W850 × D703 × H1,466		W1,200 × D703 × H1,466	
Temperature	4°C to 40°C			
Humidity	Ambient humidity			
Shelf with illumination	—	LED lamp (20W) 4 × 3 shelves	—	LED lamp (20W) 6 × 3 shelves
Operation current (maximum) Not including the inside outlet	6A	8A	6A	9A
Power requirement	Single phase 100V 50/60Hz 15A			

Temperature & Humidity Control Chamber

Model	HCLPH-880	HCLPH-880PF(S/D/P)* -3-4L	HCLPH-1240	HCLPH-1240PF(S/D/P)* -3-6L
Internal Capacity (ℓ)	880		1240	
External Dimensions (mm)	W1,144 × D874 × H1,980		W1,527 × D874 × H1,980	
Internal Dimensions (mm)	W850 × D703 × H1,466		W1,200 × D703 × H1,466	
Temperature	4°C to 40°C			
Humidity	55%RH to 85%RH (18°C to 40°C)			
Shelf with illumination	—	LED lamp (20W) 4 × 3 shelves	—	LED lamp (20W) 6 × 3 shelves
Operation current (maximum) Not including the inside outlet	7A	8A	7A	10A
Power requirement	Single phase 100V 50/60Hz 15A			

* Illumination S= White color / Sun-like LED lamp "SUNRAY LIGHT"

D= Yellow color / "PLANTFLEC" for plant growth

P= Pink color / "PLANTFLEC" for plant growth

*This product is designed to be used in a typical indoor environment with a room temperature of 30°C or lower.

*Depending on usage conditions, the specified performance may not be achieved.

*When lighting, the temperature setting should be 15°C or higher.

Common specifications

Interior and exterior surface material: Antibacterial colored steel plate

Heat insulator: Rigid polyurethane foam

Measuring hole: 1 place with 40φ plug (right side for 880 size, ceiling for 1240 size)

Antibacterial deodorizing filter: Photocatalytic titanium oxide filter (built-in type)