Multi-chamber Animal Housing System <Bio-multi Model>

LP-30LED-8CTAR

LP-80LED-6CTAR

Each of the chambers can be individually controlled for temperature and illumination.

Features

- It is compact, small-footprint, and energy-saving, and can be installed anywhere.
- Temperature can be controlled between +5 and +45°C, with changeover between constant operation and day/night switching operation. Each chamber can be individually controlled for temperature.
- Innovative air jacket system provides animal-friendly and stable, constant-temperature environment.
- Animals are housed in each chamber with less strass, and there is no cross-contamination among chambers.
- Each chamber is clean. HEPA filter is attached for inlet air and deodorant filter for exhaust air.
- Light intensity and lighting time can be individually controlled for each chamber.
- An inner door is installed to observe animals in each chamber.
- LP-30LED-8CTAR has 8 chambers with interior dimensions of W315 × 283 × H240 mm (small size).
- LP-80LED-6CTAR has 6 chambers with interior dimensions of W390 × D500 × H260 mm (large size).

Specifications

Model	LP-30LED-8CTAR	LP-80LED-6CTAR
Outer dimensions (WxDxH) [mm]	1,255×577×1,900	1,555×825×1,985
Inner dimensions (WxDxH) [mm]	315×283×240×8 chambers	390×500×260×6 chambers
Temperature	+5 to 45℃ (+15 to 45℃ when light is on)	
Ventilation (air intake)	20ℓ/min (8 chambers in total) with HEPA filter	60ℓ/min (6 chambers in total) with HEPA filter
Ventilation (air exhaust)	20ℓ/min (8 chambers in total) with deodorant filter	60ℓ/min (6 chambers in total) with deodorant filter
Temperature control	Changeover between constant operation and day/night switching operation.	
Illumination	LED lamp x 8 chambers Dimmable function (individually controlled), timer (individually controlled)	LED lamp x 6 chambers Dimmable function (individually controlled), timer (individually controlled)
Power requirement	Single phase 100V 50/60Hz 19A	Single phase 100V 50/60Hz 18A

* These products should be used at an ambient temperature lower than 30° C.
* Temperature in a chamber may increase beyond the set value depending on radiation heat from lamps or heat generated by animals.
* The lowest temperature may have to be set to 15° C or higher depending on lighting or temperature setting.

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