

Multi-chamber Animal Housing System <High-spec Model>



LP-30LED-8ARS



LP-80LED-6ARS

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

Features

- It is compact, small-footprint, and energy-saving, and can be installed anywhere.
- Temperature can be controlled between +5 and +45°C in LP-30LED-8ARS and between +5 and +40°C in LP-80LED-6ARS, with two-step (day/night) alternating temperature control. All chambers are collectively controlled.
- Innovative air jacket system provides animal-friendly and stable, constant-temperature environment.
- Animals are housed in each chamber with less stress, 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-8ARS has 8 chambers with interior dimensions of W315 × D333 × H255 mm (small size).
- LP-80LED-6ARS has 6 chambers with interior dimensions of W390 × D600 × H277 mm (large size).

Specifications

Model	LP-30LED-8ARS	LP-80LED-6ARS
Outer dimensions (WxDxH) [mm]	1,255×577×1,900	1,555×825×1,9850
Inner dimensions (WxDxH) [mm]	315×333×255×8 chambers	390×600×277×6 chambers
Temperature	+5 to 45°C (+15 to 45°C when light is on)	+5 to 40°C (+15 to 40°C 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	Digital Temperature Controller with Sensor, Variable Temperature Timer	
Illumination	LED lamp x 8 chambers Dimmable function (individually controlled), timer (collectively controlled)	LED lamp x 6 chambers Dimmable function (individually controlled), timer (collectively controlled)
Power requirement	Single phase 100V 15A	

* 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.