LAC-N Climate Chamber

Features:

◆ Two sets of refrigeration systems automatically switch in turn to ensure that long time operation without failure.

◆ International brand fluorine-free compressor, environment friendly and reliable.

◆ International brand humidity sensor, high accuracy for humidity.

◆ Double door design. The inner door is made of tempered glass for easy observation, the outer door with magnetic strip, good sealing.

◆ Large LCD screen to display temperature and humidity, light intensity. Multi-segment timing program control technology, high precision.

◆ Polished stainless-steel chamber, moveable grids can be freely adjusted, easy for cleaning. Powder coating steel housing.

◆ External water tank. Electric heater humidification system.

◆ It can simulate the temperature changes of nature during the day and night.

◆ JAKEL circulation fan, unique air duct structure, effectively guarantee the temperature stability inside the box.

◆ The parameters can be saved automatically in case of power failure, and the original setting programme will be run when power is restored.

◆ In case of failure of the incubator, a fault message appears on the LCD display, and the operational faults can be seen at a glance.

◆ Equipped with leakage protection and a spare mechanical thermostat to ensure the product work normally even the main temperature control failed (for heating).

◆ USB port for recording data.

Safety Device

Over temperature protection

Compressor over current protection

Over compressing protection

Water shortage protection

Heater overheats protection

Audible and visual alarm system

Options:

CO$_2$ control system

Note: LAC series are with humidity control, LB series without humidity control.

Specifications:

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Model	LAC-175-N	LAC-275-N	LAC-375-N	LAC-475-N	LAC-800-N	LAC-800D-N	LAC-1075-N	LAC-1075D-N	LAC-1675D-N
Chamber Volume	175L	275L	375L	475L	800L	800L	1075L	1075L	1675L
Temp. Range	With light:10～55℃　　Without light:0～55℃								
Temp. Stability	≦±1℃								

Display Resolution	0.1℃								
Temp. Uniformity	≦ ±1℃								
Humidity Range	30~95%RH								
Humidity Deviation	±3%RH								
Light Intensity (LX)	0~12000 6 levels control	0-20000 6 levels control	0-25000 6 levels control	0-30000 6 levels control	0-30000 6 levels control	0-30000 6 levels control	0-30000 6 levels control	0-30000 6 levels control	0-30000 6 levels control
Power Rating	1650W	2200W	2700W	2900W	4200W	4200W	4200W	4200W	4600W
Power Supply	AC220V, 50HZ								
Operating Temperature	+5～35℃								
Chamber Size(W×D×H)cm	45*42*93	58*51*94	59*55*116	70*55*125	96*61*137	126*50*127.5	95*70*160	126*67*127.5	146*85*135
Exterior Size(W×D×H)cm	65*73*175	77*74*171	78*87*191.5	88*87*199.5	110*93*227	141.8*78.1*195	101*90*234	141.8*95.1*195	162.5*122*204
Number of Grids(Std/Max)	3/16	3/16	3/21	3/22	3/22	6/18 (2 grids in one level)	3/22	6/18 (2 grids in one level)	6/20 (2 grids in one level)