

CLIMATIC CHAMBER



CLIMATIC CHAMBER

Our chambers offer excellent temperature and lighting management for regulated growth of plants and different product. Its responsive humidification sensor and energy efficient style creates it a most popular selection for a large range of applications.

Used in Supports plant and insect growth, tissue cultivation, antibiotic cultivation and preservation and other controlled temperature experiments..

Also known as Humidity Chamber, Laboratory Climatic Chamber.

CHA11 ILLUMINATING CLIMATE CHAMBER

Programmable microcomputer based PID controller with LCD display

Unique air circulation system ensures temperature uniformity

Mirror finished stainless steel inner chamber and cold-rolling steel with static spray plastics exterior

Double door design with built-in tempered glass viewing window

Built in high capacity intelligent humidification system

Automatic water replenishment by external tank

3-side illumination can be adjusted in five steps

Durable refrigeration system with small temperature fluctuation, auto defrosting and multiple layers security

Environment efficient, energy-saving Fluorine-free Refrigerant R134

Timer and over temperature alarm function



SPECIFICATIONS

Model	CHA11-150T1	CHA11-250T1	CHA11-350T1
Capacity	150 L	250 L	350 L
Temperature Range	5-50°C (Light off), 10-50°C (Light on)		
Temperature Accuracy	±0.5°C		
Temperature Uniformity	±2°C		
Temperature Fluctuation	±2°C		
Temperature Resolution	0.1°C		
Temperature Sensor	Pt 100Ω		
Illumination Range	0-10000 lux	0-15000 lux	
Timer Range	0-99h		
Control Steps	5 Steps		
Shelves	2		
Load per Shelf	10 kg		
Inner Dimension	800x500x380 mm	1000x550x450 mm	1200x550x550 mm
Overall Dimension	1350×640×660 mm	1550×690×660 mm	1700×750×700 mm
Weight (Net/Gross)	120/150 kg	155/200 kg	188/220 kg
Power	900 W	1000 W	1200 W
Power Supply	220V, 50Hz		

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS54329	Portable integrated data printer	
LS54341	Microcomputer communication interface and software	
LS54353	Test hole and gas interface	
LS54365	Power socket	
LS54425	Test hole	



CHA11-150T1



CHA11-250T1



CHA11-350T1

CHA12 ILLUMINATING CLIMATE CHAMBER

Forced convection mode

30 Stages programmable Microcomputer PID

Imported environmental protection insulation materials

Excellent Imported temperature and humidity Sensor

SUS304 stainless steel interior material

ALLCOLDTM: Refrigeration Technology

ALLGENTTM: Humidification System

ALLFLOWTM: Perfect Air Current Cycling



SPECIFICATIONS

Model	CHA12-250T2	CHA12-300T2	CHA12-400T2
Capacity	250 L	300 L	400 L
Temperature Range	10°C~65°C(Light on)/0°C~60°C(Light off)		
Temperature Uniformity	±1 (10-40°C)		±1.5 (10-40°C)
Temperature Fluctuation	±1°C		
Temperature Resolution	0.1°C		
Using Environment Temperature	Ambient temp.10~30°C		
Using Environment Humidity	<70%		
Illumination Range	0-15000 (5 stages adjustable)		
Timer Range	0-99h/0-9999mins		
Shelves	3	4	
Inner Dimension	1100 x 480 x 480 mm	1100 x 540 x 520 mm	1148 x 554 x 610 mm
Overall Dimension	1780 x 710 x 775 mm	1780 x 770 x 815 mm	1828 x 783 x 905 mm
Weight (Net/Gross)	162 kg	183 kg	194 kg

Power	1350 W	1550 W
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CHA12-250T2



CHA12-300T2



CHA12-400T2

CHA13 ARTIFICIAL CLIMATE CHAMBER

Forced convection mode

30 Stages programmable Microcomputer PID

Imported environmental protection insulation materials

Excellent Imported temperature and humidity Sensor

SUS304 stainless steel interior material

ALLCOLDTM:Refrigeration Technology

ALLIGENTTM:Humidification System

ALLFLOWTM:Perfect Air Current Cycling



SPECIFICATIONS

Model	CHA13-250T2	CHA13-300T2	CHA13-400T2
Capacity	250 L	300 L	400 L
Temperature Range	10°C~65°C(Light on)/0°C~60°C(Light off)		
Temperature Uniformity	±1 (10-40°C)		±1.5 (10-40°C)
Temperature Fluctuation	±1°C		
Temperature Resolution	0.1°C		
Humidity Range	50-90%RH		
Humidity Fluctuation	±3%RH		
Using Environment Temperature	Ambient temp.10~30°C		
Using Environment Humidity	<70%		
Illumination Range	0-15000 (5 stages adjustable)		
Timer Range	0-99h/0-9999mins		
Shelves	3	4	
Inner Dimension	1100 x 480 x 480 mm	1100 x 540 x 520 mm	1148 x 554 x 610 mm
Overall Dimension	1780 x 710 x 775 mm	1780 x 770 x 815 mm	1828 x 783 x 905 mm
Weight (Net/Gross)	162 kg	183 kg	194 kg
Power	1350 W		1550 W
Power Supply	Single phase AC220V/50Hz		



CHA13-250T2



CHA13-300T2



CHA13-400T2

Centrifugen

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