



**GERMINATOR  
MODEL NUMBER:  
RAPTON-GER-450L  
MADE IN USA**

Volume: 450, Growth Area: 0.39m<sup>2</sup> to 1.56m<sup>2</sup>

Style: Single compartment Growth Height: 260mm to 1040mm Interior Dimensions(mm):

700Wx590Dx1145H Connection: Mains cable with plug

Exterior Dimensions:

900Wx950Dx1950H Working Temperature

(Lights On)\*: 10-45°C Exterior material:

Coated steel Working Temperature

(Lights Off)\*: 0-60°C Interior material:

Stainless steel Humidity (Lights On): 55-85% Doors: Single, condensation free observation window Humidity (Lights Off): 55-90%

Shelving tiers: Up to 4 stainless steel wire trays CO<sub>2</sub>

: Ambient to 5000ppm (optional)

Lighting tiers: 4 tiers Forced Air

Circulation: Side to Side

Available LED

**Standard Features:**

- 1.Coated steel construction with insulated doors
- 2.HMI control system with intuitive programming
- 3.Adaptable, multi-tier shelving that can accommodate petri dishes, tall, short, and seedling size plants
- 4.Large range of individually adjustable LED lighting
- 5.Horizontal and vertical air circulation options
6. Temperature control
7. Security options available on request
8. Web-based chamber monitoring and with local and remote control
9. SEALING DOOR(S), LIGHT TIGHT COVER WINDOW, PRESSURISED WALL PLENUM, MULTI-TIER SHELVING, STAINLESS STEEL INTERIOR, ADJUSTABLE LIGHTING, COATED STEEL SHELL.

**Configurations:**

Z190 / Z4N / Z41N /

Z4WN Communication: USB, optional LAN,

Hot Gas Bypass System Y Water- or Air-Cooled Condenser Y

Solenoid Valves Y Defrosting System (Time Adjustable) Y CFC Free Refrigerant Y

Forced Air Circulation Side to Side Temperature Control Accuracy 0.1°C, Temperature Uniformity, at 20°C (68°F):0.5°C,

Humidifier Type: Ultrasonic Humidity Setting Accuracy1%, Humidity Fluctuation, at 80% RH Lights Off % (+/-)

Humidity Uniformity, at 80% RH Lights Off % (+/-) 10

Max. load per tray 30kgs Gross Weight 330kgs