


Evaporative Cooling Pad for Climate Control

This evaporative cooling pad uses a new material and spatial crossing linking technology for high absorbability and water resistance, preventing mildew and ensuring a long service life. It is designed for greenhouse climate control, lowering air temperature through adiabatic cooling and maintaining optimal humidity levels.



ADDITIONAL IMAGES



	Pad 500 (500)	Pad 700 (700)
H (mm)	1500, 1650, 1700, 1850, 1950, 2000, 2100	
W (mm)	300, 600	
D (mm)	100, 150, 200, 300	
h (mm)	5	7
a (°)	45 (150, 60)	45 (150, 60)
β (°)	45 (150, 60)	45 (150, 60)
Capacity (kg/g)	100, 107	
The Actual Qty/Pad	120-124	80-88

Overview

High-Efficiency Cooling Technology

This evaporative cooling pad utilizes advanced spatial crossing linking technology to achieve exceptional water absorbability and heat exchange efficiency. Designed for climate control in demanding environments like greenhouses, it promotes uniform airflow and efficient adiabatic cooling. The eco-friendly, phenol-free material ensures safe, long-lasting performance while maintaining an energy-efficient operational profile.

Performance Metrics

Cooling Efficiency

80 %

Cooling Efficiency

5 s

Water Diffusion Time

Water Absorption Height

- 60-70 mm per 5 minutes
- 200 mm per 1.5 hours

Physical Dimensions

Technical Dimensions

Parameter	Available Range/Options
Height (H)	1500mm - 2100mm
Width (W)	300mm, 600mm
Depth (D)	100mm, 150mm, 200mm, 300mm
Thickness (h)	5mm, 7mm

Construction & Materials

Available Colors

- Brown
- Green
- Brown and Green (Double)
- Black Edge

Available Frame Materials

Galvanized sheet, Stainless steel, Aluminum alloy