

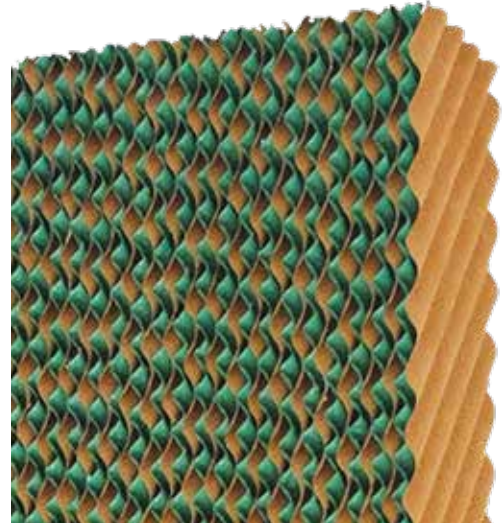
Munters CELdek®

Cellulose cooling pad

CELdek evaporative cooling pads are designed to provide maximum cooling, low pressure drop and years of reliable service in any livestock farming (broiler, layer, swine, dairy) and greenhouse application, while helping to reduce indoor air pollution and create healthier environments for both workers and livestock.

Benefits

- High cooling efficiency
- Easy to install and maintain
- Long service life and low running costs
- Chemical exposure minimized



CELdek

CELdek evaporative cooling pads serve a wide range of applications, with exceptional performance in farms and greenhouses that demand high-efficiency cooling.

CELdek consists of specially impregnated and corrugated cellulose paper sheets with different flute angles, one steep (60°/45°) and one flat (30°/15°) that have been bonded together. The cross fluted, unequal angle pad enables the beneficial mixing of air and water for optimal cooling.

This unique design continually directs more water to the air entering the pad external surface, where the air is the hottest, driest, dirtiest and the most intense evaporation occurs.

CELdek is manufactured from specifically engineered cellulose paper that is chemically treated to resist deterioration, increasing its durability. The impregnation procedure ensures a strong self-supporting pad with high absorbance.

CELdek with MI-T-edg coating offers an optional, durable, and resilient edge treatment applied to the pad's external surface. This protective layer has been formulated to withstand repeated cleaning without ruining the pad and prevent algae and minerals from anchoring to it. MI-T-edg protects CELdek from the damaging effects of severe weather and long term exposure to UV light, extending its service life.



CELdek MI-T-edg

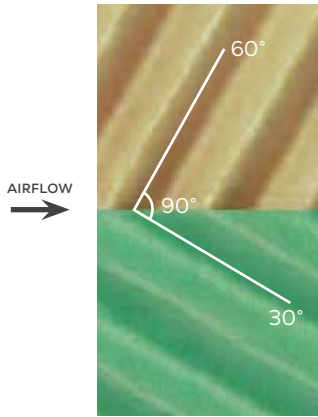


Paper suppliers are certified FSC or PEFC, for their sustainably managed chain of custody and controlled sources

Munters CELdek®

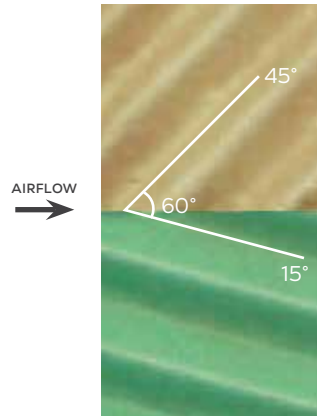
Cellulose cooling pad

CELdek 7090



- High saturation efficiency
- Moderate pressure drop
- Very hot and dry climates
- Ensuring big temperature drop

CELdek 7060

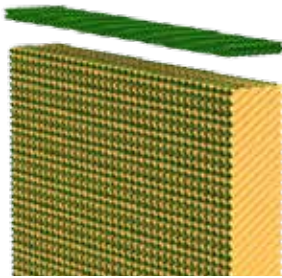


- Moderate saturation efficiency
- Low pressure drop
- Ideal for large houses
- Ensuring high ventilation rates

Model	Depth ¹	Height ¹
CELdek 7090	100 mm	1,000 mm
		1,200 mm
		1,500 mm
		1,800 mm
		2,000 mm
CELdek 7060	150 mm	1,000 mm
		1,200 mm
		1,500 mm
		1,800 mm
		2,000 mm

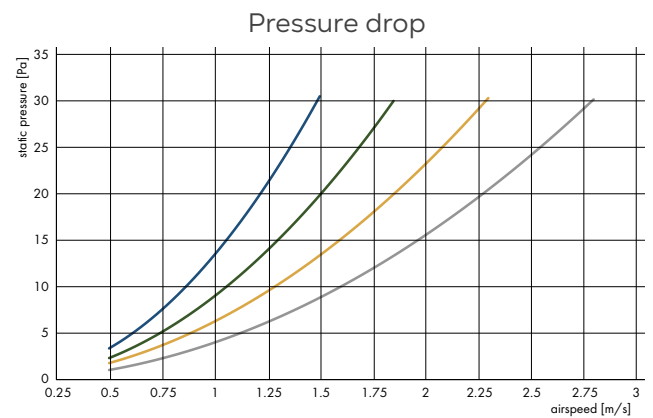
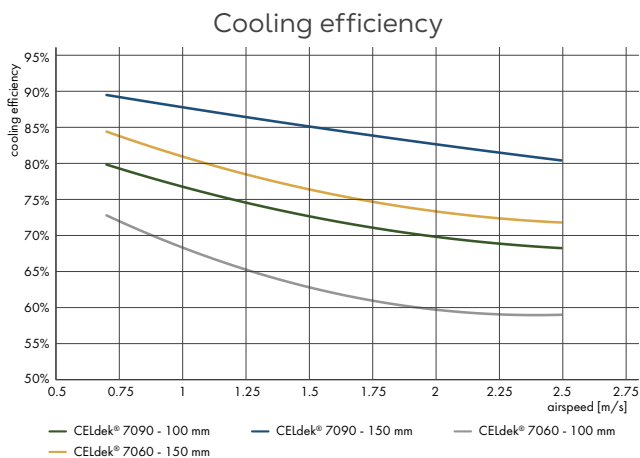
¹Different dimensions available upon request (e.g., depth 200 mm)

CELdek 70120 distribution pad



Optionally, a distribution pad can be placed on top of CELdek to guarantee a uniform flow of water into the pad and minimize the risk of dry spots.

	Depth	Height
CELdek 70120	100 mm	30 mm
	150 mm	



Saturation efficiency calculated with the following wash rate: 60 l/min/m²