



# Munters CELdek®

## Evaporative 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.

### Features

- UL GREENGUARD Gold Certification
- High cooling efficiency
- Easy to install and maintain, self-cleaning
- Long service life and low running costs
- Chemical exposure minimized

CELdek® evaporative cooling pads can be used for many different cooling purposes but they are particularly suitable for farms and greenhouses where high efficiency cooling is required.

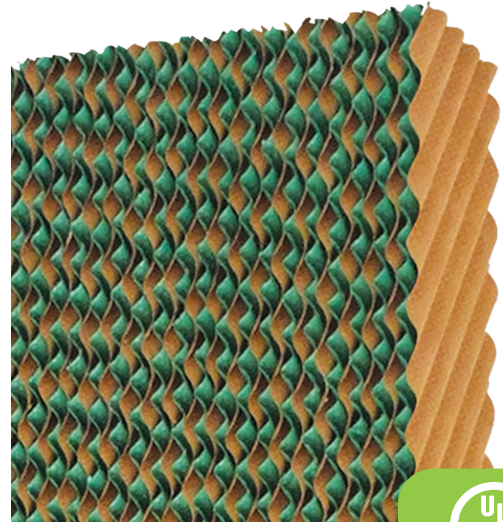
CELdek® consists of specially impregnated and corrugated cellulose paper sheets with different flute angles, one steep (60°/45°) and one flat (30°/15°) that have been bonded together. The cross fluted, unequal angle pad enables the beneficial mixing of air and water for optimal cooling.

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.

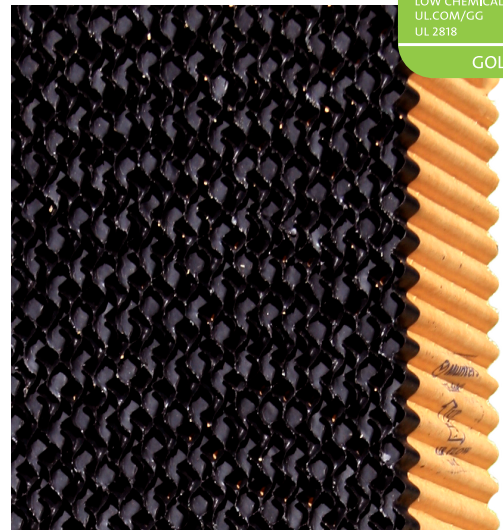
CELdek® is manufactured from specifically engineered cellulose paper that is chemically treated to resist deterioration, increasing its durability. The impregnation procedure ensures a strong self-supporting pad with high absorbance.

CELdek® with MI-T-edg coating features an optional, tough and resilient edge treatment applied to the pad 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® and CELdek® with MI-T-edg coating are GREENGUARD Gold Certified by the global, independent monitoring organization UL, which means they are scientifically proven to meet some of the world's most rigorous, third-party chemical emissions standards.



CELdek®



CELdek® with MI-T-edg coating

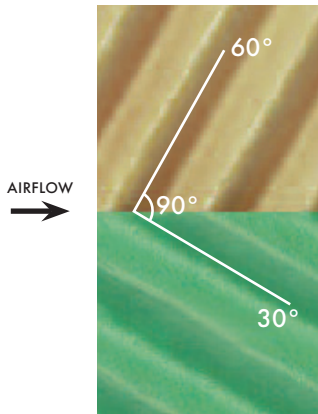


Munters paper suppliers are certified FSC or PEFC, for their sustainably managed chain of custody and controlled sources

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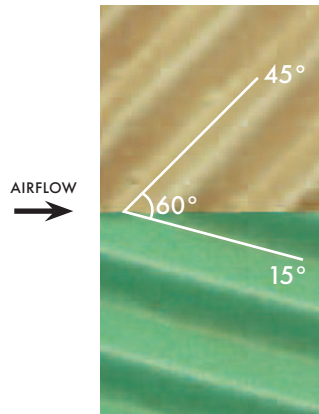
## Evaporative cooling pad

### CELdek® 7090



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

### CELdek® 7060

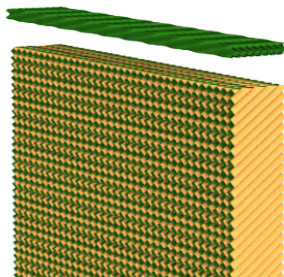


- Moderate saturation efficiency
- Low pressure drop
- Ideal for large greenhouses
- Ensuring high ventilation rates

Model	Depth <sup>1</sup>	Height <sup>1</sup>
CELdek® 7090	100 mm	1000 mm
		1200 mm
		1500 mm
		1800 mm
		2000 mm
CELdek® 7060	150 mm	1000 mm
		1200 mm
		1500 mm
		1800 mm
		2000 mm

<sup>1</sup>Different dimensions available upon request (e.g. depth 200 mm)

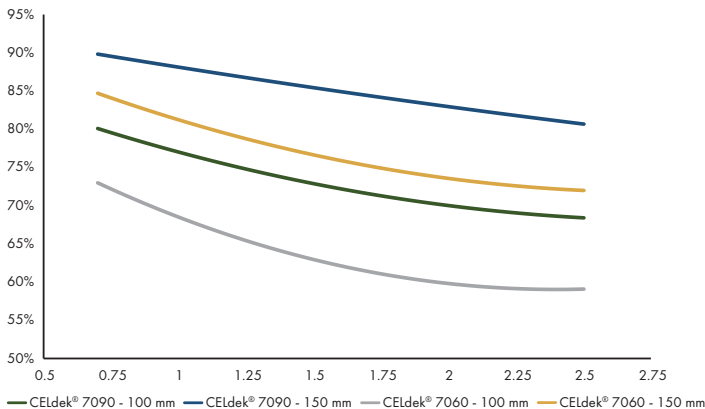
### CELdek® 70120 distribution pad



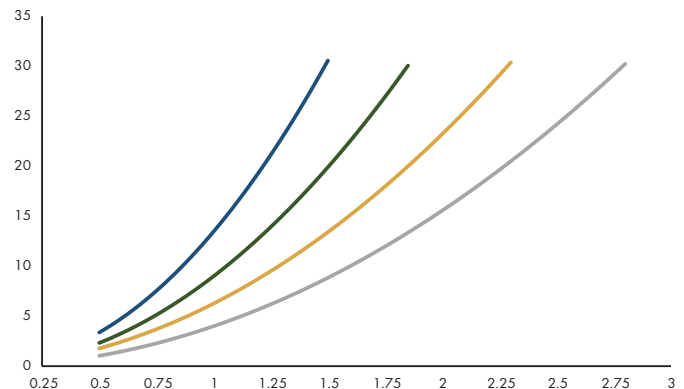
Optionally a distribution pad can be placed on top of CELdek® evaporative cooling pad to guarantee a uniform flow of water into the cooling pad and minimize the risk of dry spots.

Model	Depth	Height
CELdek® 70120	100 mm	30 mm
	150 mm	

Cooling efficiency



Pressure drop



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

Find your nearest Munters office at [www.munters.com](http://www.munters.com)

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