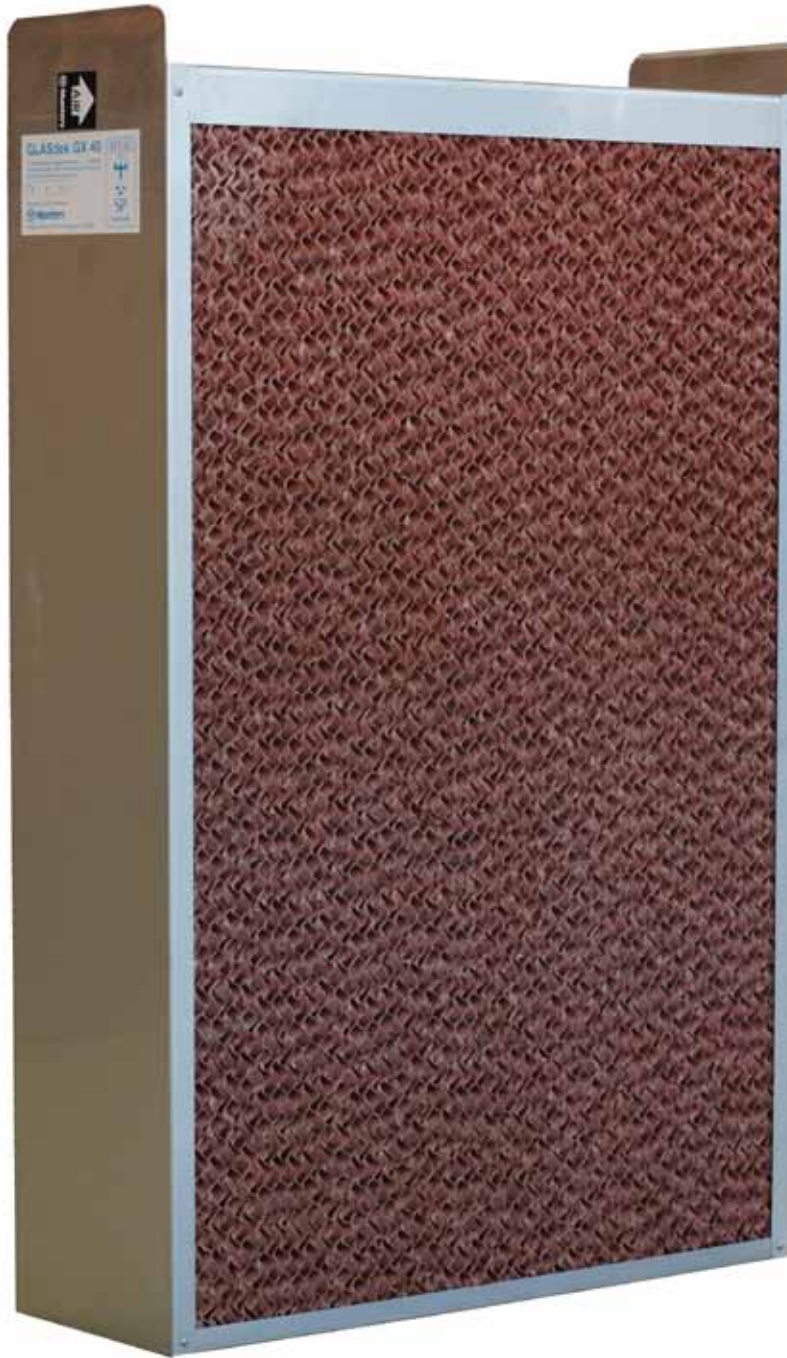


A MUNTERS ORIGINAL PART



Product sheet  
GLASdek® GX40

- GX40 evaporative media made from inorganic, non-combustible, ceramical material
- High efficiency: 65%, 85% and 95%
- Low pressure drop
- Tested against the transfer of Legionella (with contaminated water and air born bacteria's) by external body
- Approved according to VDI 6022,
- Tested and approved according to Loosening of Air born Fibers, No risk of over-saturation
- No water treatment required
- Safe and hygienic
- ISO 9001
- GREENGUARD Gold Certified



## GLASdek® GX40 evaporative media

Munters GLASdek® is a high efficiency evaporative cooling media that is engineered to provide maximum cooling and humidification, low pressure drop and years of reliable service. The media is made from inorganic, non-combustible material.

It allows the use of water straight from the tap with no need for water treatment (i.e. demineralisation plants). In cases with non-sufficient water quality, it may be necessary to add a water treatment. No silver ionization filter is needed. Minerals and pollutants stay behind in the GX40 evaporative media to be washed away with the discharge water keeping the total humidification process pure.



Easily installed modular cassette design make servicing and replacement quick & efficient.

## Tested and classified

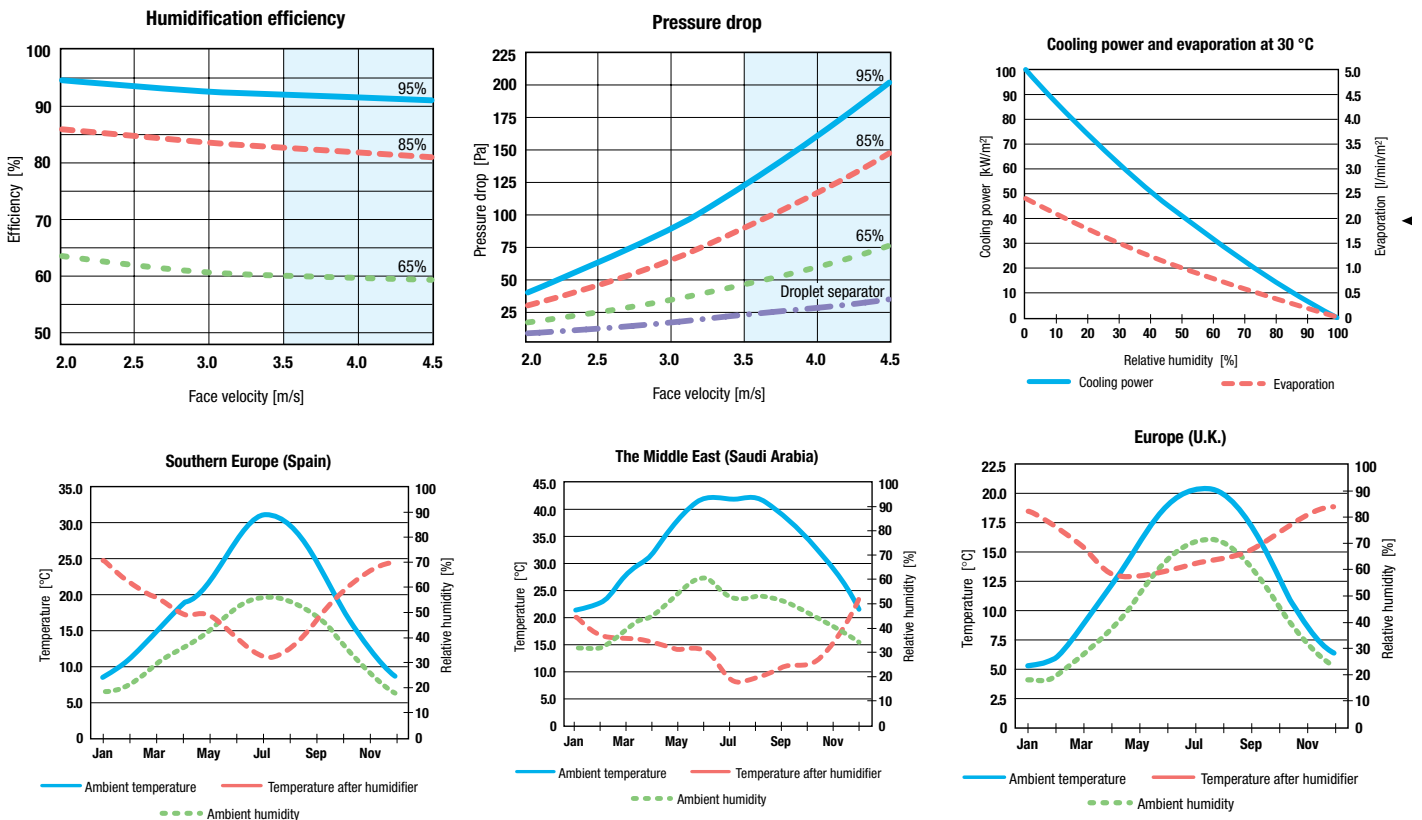
The inorganic material GLASdek GX40 has been fire tested and classified as non-combustible material according to ISO 1182. RoHs compliant. Tested against the transfer of Legionella (with contaminated water and air born bacteria's) by external body. Certified for hygiene (no aerosols containing bacteria or Legionella at the University of Aachen, Germany by PD Dr. Med. Sebastian W. Lemmen. GREENGUARD Gold Certification.



GX40 media assembled in Munters FA6 humidifier.

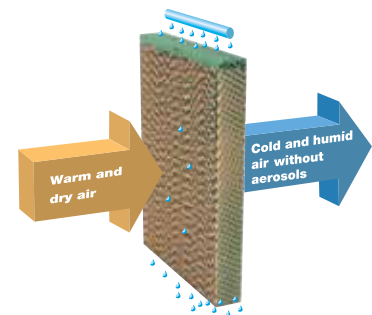
## High performance evaporative media

Cooling power specified per m<sup>2</sup> surface area at 4.5 m/s and 95% humidification efficiency.



## The principle of evaporative humidification and cooling

Water is circulated through a pump station and supplied to the top of the cooling pad via a distribution manifold. A distribution pad on the top of the cooling pad ensures an even water distribution. The water flows down the corrugated surface of the GLASdek evaporative cooling pad. Part of the water is evaporated by the warm and dry air that passes through the pad. The rest of the water assists in washing the pad, and is drained back to the pump station through a gutter system. The heat that is needed for the evaporation is taken from the air itself. The air that leaves the pad is therefore cooled and humidified simultaneously without any external energy supply for the evaporation process. This is nature's own cooling process.



GLASdek® GX40 is developed by Munters AB and produced worldwide.



Your closest distributor

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