







GLASdek®GX30

Single-coated evaporative cooling and humidification media with competitive performance

Quality evaporative media

Munters is the original inventor of structured media, proven and produced for over 50 years.

The unique design of GLASdek GX30 gives it high strength and durability with exceptional cooling and humidification rates. It is made from a flame-retardant material fortified with special rigidifying agents. GLASdek GX30

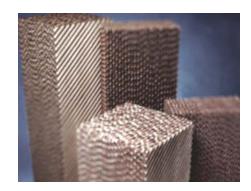
is the right choice in situations where strict adherence to fire codes is required. The media is Fire Rated UL900 and ULC-S111 Class 1.

GLASdek GX30 is also GREENGUARD Gold certified under UL's certification program, as having low chemical emissions, validating that it meet the highest industry standards globally.





Options



GLASdekTM GX30 is a quality evaporative media for cooling applications. It is a single-coated loose media that is durable, efficient and fire-rated.

TUFedg™

The service life of GLASdek GX30 can be extended even further with our optional TUFedg treatment. This coating is applied to the face of the GLASdek pad, and allows the media to be cleaned and scrubbed to remove unwanted dirt and mineral deposits.

TUFedg is non-porous and quick drying, and the material prevents algae and minerals from anchoring themselves to the substrate of the pad. This means that everything can be cleaned off without effecting the integrity of the pad itself. The pad is also protected from severe conditions and extended exposure to UV light, further prolonging the life of the media.

Efficient by design

GLASdek GX30 media is designed to disperse water evenly across the pad, which allows for optimal cooling efficiency. It is available in a wide range shapes and sizes too, making it ideal for system builders looking for an effective cooling media solution.

Greener cooling

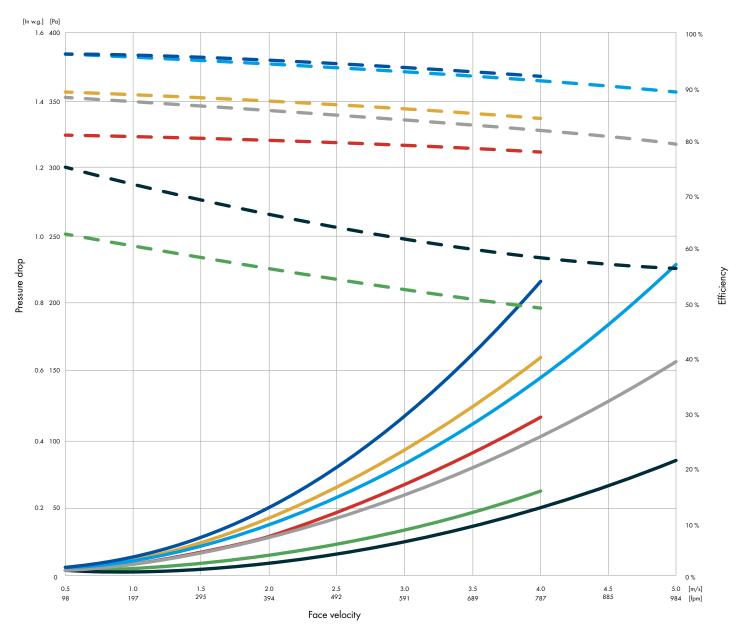
This media is GREENGUARD Gold certified, which means the chemical emissions from the material are extremely low. This means that GLASdek GX30 is an environmentally friendly option, and it also confirms that it is safe to use in any building application.

HIGH QUALITY EVAPORATIVE MEDIA GX30 - cooling power specified per m² surface area at 4.0 m/s (787 fpm) and 95% humidification efficiency. Humidification efficiency [In w.g.] [Pa] 1.6 400 Pressure drop 100 GX30, 300 mm GX30, 200 mm GX30, 100 mm 90 1.4 350 80 1.2 300 70 1.0 250 **2** 60 0.8 200 50 40 0.6 150 30 0.4 100 20 50 10 1.0 197 5.0 [m/s] 984 [fpm] 1.0 197 5.0 [m/s] 984 [fpm] [g/min/sqft²] .5 [/min/m²] [kW/m²] Cooling power and evaporation at 30°C (86°F) [°F] [°C] Europe (U.K.) 12.45 100 200 72.5 22.5 100 11.21 90 4.5 180 Cooling Power 68 20.0 80 4.0 160 80 9.96 Evaporation 63.5 17.5 8.72 70 3.5 140 70 <u>s</u> 59 15.0 7.47 60 3.0 120 54.5 12.5 6.22 50 2.5 100 50 50 10.0 80 4.98 2.0 40 45.5 7.5 3.73 30 1.5 60 41 5.0 1.0 40 2.49 20 20 36.5 2.5 1.2 10 0.5 10 32 0 0 0 10 20 30 40 50 60 70 80 [°F] [°C] Southern Europe (Spain) The Middle East (Saudi Arabia) [°F] [°C] 104 40.0 86 30.0 80 80 95 35.0 77 25.0 70 <u>s</u> 86 77 25.0 50 50 68 20.0 59 59 50 10.0 50 10.0 41 41 5.0 32 32 Temperature after humidifier Ambient humidity Ambient temperature

| TECHNICAL INFORMATION | |
|-----------------------------------|--|
| Range | Width: 300, 600 Depth: 100, 150, 200, 300 Height: 1000, 2000 |
| Media Performance Index (MPI)* | 100 mm (4") = 1.53 200 mm (8") = 1.18 300 mm (12") = 0.93 |

*MPI = Efficiency/Pressure drop

Media comparison









The Munters Global Services guarantee

We are dedicated to providing the most reliable, efficient and innovative products, but we know that service is just as important. That is why we offer a Global Services guarantee, which ensures you benefit from our expertise wherever you are in the world.

Our range of services includes:

- A global network of Munters Service Engineers
- Comprehensive commissioning service
- Training and competence development
- Preventative maintenance and spare parts
- Performance checks and optimization
- Munters Remote Assist online service solution when on-site visits are difficult
- \bullet $\mbox{PrimaCaire}^{\mbox{\tiny TM}}$ agreement with extended warranty

