

Save 10% on your gas bill with Bekaert Solaronics Gem7E!

Description

Gem7E is a gas infrared emitter part of our high-performance Bekaert Solaronics Gas Emitter Module (GEM) family. Its unique high radiative efficiency is due to the following features:

- the use of an additional radiant screen to further improve energy recovery from hot flue gases.
- the use of solid ceramic materials, known for their excellent mechanical properties, that are optimized thanks to a specific surface treatment to efficiently operate at high temperatures (up to 1250°C).

Utilisation

Gem7E can be installed instead of standard Gem7 emitters without modifying the pre-existent system:

- **Reduce your gas consumption by 10%:** by upgrading your current Gem7 emitters with Gem7E, you will maintain your drying performance and reduce your gas consumption by 10%.
- **Increase your drying capacity:** by auditing your process, we can analyze and calculate your potential increase in drying capacity when Gem7E emitters are used.

Characteristics

Input power: up to 7 kW (equivalent to 233 kW/m²)
 Dimensions: Cross Direction 143 mm/ Machine Direction 204 mm
 Estimated emitter lifetime at nominal power: 3 to 5 years
 Gas consumption: 10% less compared to standard Gem7 emitters

Additional benefits

- A Gem7E upgrade offers a minimum capital investment and downtime by reusing existing system components.
- Our qualified local service teams have installed thousands of emitters worldwide. We are able to ensure a perfect upgrade and quick and smooth start-up of your system.
- We offer a complete range of service contracts to keep your system running at peak operating conditions, by which we can minimize your operating costs and avoid unpredicted expenses.



Increased energy performance thanks to the use of Gem7E emitters



GEM7E

Reduce your operating costs or increase your production:

- Same lifetime as the Gem family
- High drying capacity
- Profiling option

Gem7E is a product of

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