

# New PROTEGO® Flame Arrester Unit

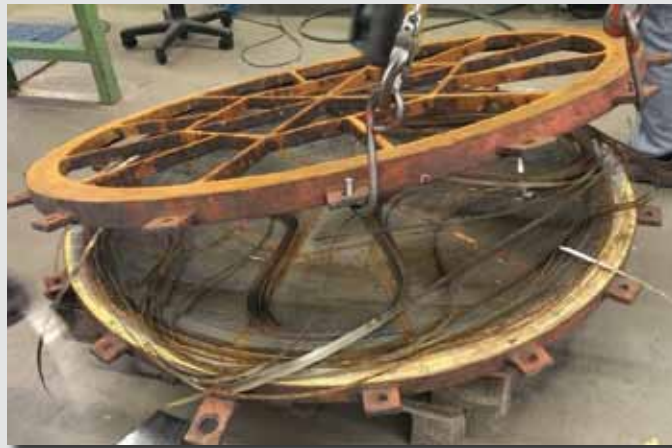
with ultra-maintenance-friendly design

No more damaged or misaligned FLAMEFILTER® discs during assembly or maintenance.

For applications where more frequent maintenance of FLAMEFILTER® is required (e.g. heavy contamination caused by polymerization, crystallization) or IIC applications.

## Challenge

*FLAMEFILTER® broken during disassembly*



## Solution



*Wider gap between the FLAMEFILTER® and cage combined with axial sealing and strengthening of the FLAMEFILTER® with a solid external ring*



for safety and environment

# Cost reduction through faster and safer maintenance

Retrofitting of installed PROTEGO® Flame Arresters and fitting is possible at any time:

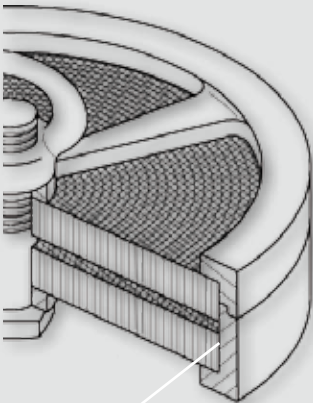
- **without** change of approval!
- **without** change of face-to-face dimensions!
- **without** change of volume flow!

The innovative design provides a wider gap between the FLAMEFILTER® and the cage without affecting safety and facilitates removal of the FLAMEFILTER® discs.

## Benefits

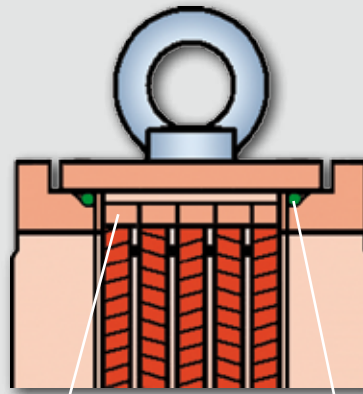
- The wider marginal gap facilitates removal of the FLAMEFILTER®.
- Use of gaskets (O-rings) as anti-pollution barrier between cage and FLAMEFILTER®.
- Improved stability of FLAMMENFILTER® through strong external rings and spot-welded intermediate layers.
- Less time required for maintenance, i.e. reduced downtime of equipment.
- Maintenance of all diameters by operator possible.
- Extra costs for ultra-maintenance-friendly Flame Arresters will be recovered within a short service period.
- Service by operator now possible also for larger diameters.

### Conventional design



Narrow gap can make disassembly and assembly of FLAMEFILTER® difficult.

### Maintenance-friendly design



FLAMEFILTER® and O-rings prevent contamination and an explosive atmosphere.

Our PROTEGO® Team will be pleased to advise you.

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#### Video

Watch "PROTEGO® Flame Arrester Unit in unique maintenance friendly design" on:

[www.protego.com/de/products/downloads.html](http://www.protego.com/de/products/downloads.html)

→ Video

web: [www.protego.com](http://www.protego.com)



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