



**IEEC**



## OZONASH *for* OZONE DESTRUCTION

Introducing the OZONASH Ozone Destruction System, an innovative solution that helps companies utilizing corona treatment stations comply with ozone regulations while offering significant cost savings through catalyst regeneration.

### The functioning of the system is as follows :

1. The ozone enters the destruction system, where a combination of catalysts efficiently reduces it to oxygen.
2. This process occurs at room temperature, thanks to specially designed catalyst granules containing precious metals. No external energy is required to initiate the reaction.

### AVAILABLE MODELS

| Model                                    | - | Capacity      |
|--|---|---------------|
| Ozonash 400                              | - | upto 400 cfm  |
| Ozonash 1200                             | - | upto 1200 cfm |
| Other capacities available upon request. |   |               |

**The multi-stage catalytic destruction system, OZONASH, consists of the following components :**

1. Pre filter with filtration of up to 5 $\mu$  to avoid contamination of catalyst.
2. HEPA filter to remove at least 99.97% of dust and others foreign particles up to size of 0.34 $\mu$
3. Activated ceramic bead which act as desiccant and reduces contamination of harmful functional groups with the catalyst.
4. A bed of metal oxide catalyst granules. By implementing the OZONASH system, companies can ensure compliance with ozone limits, enjoy cost savings through catalyst regeneration, and maintain a durable infrastructure by utilizing suitable materials.

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