

OZONE GENERATOR

EFI-XFX SYSTEM



DESCRIPTION

The **XFX SYSTEM** ozone generator can be used in combination with ecology units in professional and commercial kitchens.

XFX SYSTEM implementation ensures total treatment of odors and prevents the release of unpleasant odors over time due to remaining oil and grease residues in the pipes or inside ecology units.

XFX SYSTEM activates when the suction from the extraction fan occurs. In this way, ozone can never run out within the work environment in which the operators are present.

The ozone emission is activated by a safety pressure switch.

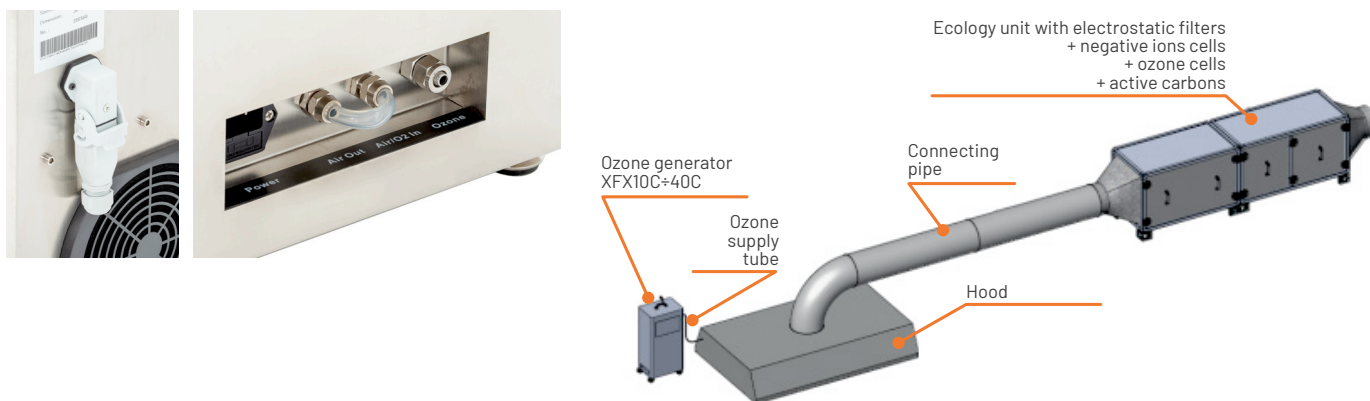
The Ozone generated by the **XFX SYSTEM** is injected at the beginning of the plant by means of a porous stone, generally in the pipe starting from the hood or already in the hood after the first grease filters.

XFX SYSTEM structure is made entirely of stainless steel and its small sizes allow the ozone generator to be positioned near the hood placed on a shelf or fixed to the wall with 2 simple brackets.

Respect the instructions and conditions of use provided by Expansion Electronic.

TECHNICAL DATA

| | EFI-XFX10G | EFI-XFX20G | _EFI-FX40G |
|------------------------|---|----------------------------|----------------------------|
| Pump airflow | 2.5 ~ 6 LPM | 5 ~ 10 LPM | 10 ~ 18 LPM |
| Maximum ozone emission | 10 g/h | 20 g/h | 40 g/h |
| Power | 150W | 250W | 450W |
| Cooling method | Air cooling from internal & external electrodes | | |
| Airflow | Max 2500 m ³ /h | Max 5000 m ³ /h | Max10000 m ³ /h |
| Power supply | 230V-50/60Hz | 230V-50/60Hz | 230V-50/60Hz |
| Dimensions BxHxP | 360x580x260 mm | | 400x750x280mm |
| Weight | 14kg | 19kg | 24kg |



FURTHER INFORMATION:

- Built-in air compressor
- Air filter and ceramic ozone tube
- Dehydrator
- Stable ozone output with long life
- Digital panel, indication of generator current absorption, Ozone adjustment in 5% steps for optimal application
- Possibility to interface with dedicated Ozone monitor (optional), which by means of a 4~20 mA signal, can control the operation of the machine for automatic work cycles and shutdown, all data can be read and set on the digital panel.
- From the ozone emission point in the machine, use a simple silicone tube with a standard length of 2m which will bring the oxidizer to the most suitable points.
- If the length of the tube is not sufficient to reach the point where you want to start the treatment, it will be sufficient to use a new tube of adequate length, maximum 10m.
- Avoid bottlenecks which can lead to pump malfunctions.
- Use a single, continuous tube
- Do not extend the pipe with joints.
- Make sure that the silicone tube cannot be damaged due to sharp edges or carelessness.
- Protect the pipe with special flexible sheaths and use the junctions for the sheaths in the sheet metal wall passages.
- Replace the tube if damaged, stop using the generator until it has been replaced.

COMPANY CERTIFICATIONS

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INSTITUT FÜR LUFTHYGIENE

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DI TORINO



Instituto Argentino
de Normalización
y Certificación



Electrostatic Filters International AB
Norregatan 52
241 33 Eslöv
Sweden

info@electrostaticfilters.se

www.electrostaticfilters.se