



HEALTH STARTS
FROM BREATH

Vivex Engineering S.r.l.
Via San Cesareo, 26 - 03040 San Vittore Del Lazio (FR)
Tel. +39 340-26.74.875 -
Web: www.vivex.co.uk - www.vivex.eu
E-mail: info@vivex.eu
ITALY

THE REAL COLD PLASMA

BY VIVEX ENGINEERING RESEARCH
PLASMA DIVISION



AIR

PLASMA AIR



BIOFILTER

PLASMA MODULE NEW



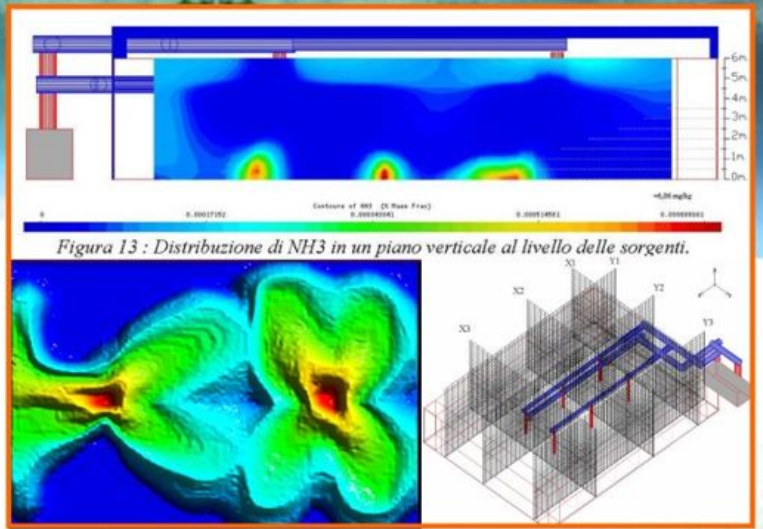
PLASMA MODULE, an absolute world novelty.

The Vivex Engineering Srl is pleased to introduce the last application of the Cold Plasma, developed after the researches done and the industrial applications with the Plasma AIR machines (Brev. Dep.). Plasma MODULE it is a special unity that contains the last generation VIVEX COLD PLASMA generator, metallic pre-filter, more (optional) a post filter always metallic more other possible optionals to make it proper for the various applications.

A very compact dimensions, with an air inlet flange and one outlet flange, have a minimum pressure drop around 100 Pa and it have a low electric absorption equal to around 50 Ws for every 1000 m³/h of treated air. It can be used as pre-treatment or post-treatment, on new plants or on existing plants to improve its performances, helping to economize the costs of adjustment because that it is not necessary to replace the old plant anymore.

- Applications:
- Hospitals and clinics: Unit of air treatment in the climatization plant.
 - Hospitals and clinics: Operating block: Unit of air treatment in the climatization plant.
 - Alimentary industries: Unit of air treatment in the climatization plant.
 - Alimentary industries: Department seasoning: Unit of air treatment in the climatization plant.
 - Various industries: Unit of air treatment in the climatization plant.
 - plants of air purification : pre-treatment to scrubber, to biofilters and other.

What does Plasma MODULE make ?
The air that crosses the generator VIVEX COLD Plasma it receive a series of chemical-physical treatments that they modify the composition of the air-transported pollutants and they also destroy bacterias and virus.
Particularly reduces the concentration of CO, NOx, Hydrocarbons, VOC, of particulate matter and the total load of bacterias and virus.



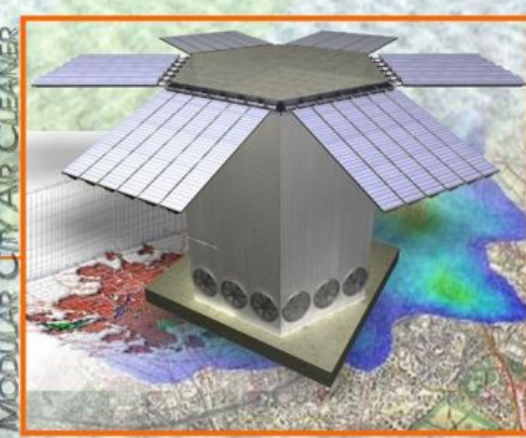
The air in the city is full of thin particulate matter that are rust residues, asphalt residues, car residues, various powders, crumble of cement, rocks and others,

In industry areas there are more than 10 million particle per cm³, against the 100 particle per cm³ measured in the Antarctic.

The contamination in the city especially thin powders are the main cause recognized of people allergic disease. Other connected wealth disease are: Asthma , redness of eyes; breathing problems and others.

Social helps that community town authorities offers to reduce the contamination in the city, as the car city stop, do not change the bad situation and have a social cost that is not easily defined.

-Every one of us have seen a gray cloud up on the sky of the city, as a big mantle.



-Everybody knows that only the rain can clear the air, but as the dust rain water remains on the asphalt of the street the benefit will be only for a short time. The water will dry and the wind will raise again the powder.

-And everybody knows that the wind do not clear the air but can join the cleaned air with the contaminated one.

Only a liter of water can clear three-hundred-million liter of air
As it always be nature has its solutions.
And when men have the chance to knows them have to use them.

Our implants are modulating so they can approach a power from 25.000 m³/h to 1.000.000 of m³/h.

UNIT

