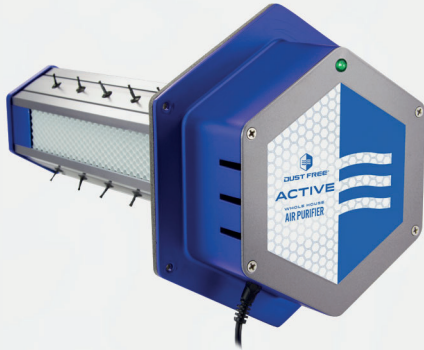


ACTIVE

TOTAL HOME AIR PURIFICATION

6"



DF13070

Maximum Airflow

2000 m³/h

DESCRIPTION OF PCO™ TECHNOLOGY

The **PCO™ technology** of ACTIVE modules take advantage of the combined action of rays of a **special UV lamp** with a catalyst structure made of a honeycomb metal alloy, basically composed of **TiO₂ (titanium dioxide and other 3 noble metals** in lower quantity.

The ACTIVE modules, hit by airflow, give rise to a photochemical reaction that produce hydroxyl radicals ($\cdot\text{OH}$) and hydrogen peroxide (H_2O_2) in small quantities – below 0,02 PPM. H_2O_2 e $\cdot\text{OH}$ allow the sanitization of both the airflow and of the ducts surfaces thanks to the high decomposition efficacy of pathogens.

The ACTIVE modules are also equipped with two devices with **negative ionization technology** that give make these modules more performant on odors reduction and active also on the ultrafine particulates, if inhaled they are the most dangerous.

Effective against bacteria, viruses, molds, allergens, odors, organic and volatile compounds, ultrafine particulates.

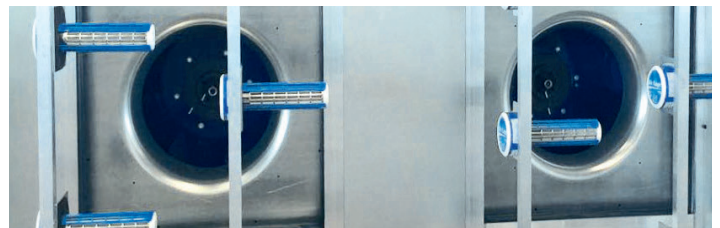
APPLICATION AREAS

► OFFICES ► TERTIARY

INSTALLATION METHODS

- Channel in both new and existing plants
- On board AHU
- In HVAC systems – residential/offices
- In air delivery or connection plenum

♦ UV lamp replacement every two years



TECHNICAL SPECIFICATIONS

Module dimensions (BxHxP)	18 x 20 x 24 cm
Hole depth	17,5 cm
Weight	1,3 Kg
Electrical characteristics	24 V 50/60 Hz
Electrical current intensity	1,4 A
Max working temperature	60° C
Mechanics	Safety plug&play switch Correct monitoring system of UV lamp operation

