



cyclonnic

Farming OH Purifier

Air purifier specially designed for enclosed spaces with a large amount of pollutant particles, such as stables, stalls, barns or other livestock establishments.

Technical features

Specially designed to improve the air quality and minimize the transmission of pathogens on livestock, dairy or animal centres.

Combines a double patented purification technology through the generation of hydroxyl radicals $\text{OH}\cdot$ and the effect of photocatalysis.

Innovative OH active technology with efficient production of hydroxyl radicals, which sanitize both air and surfaces through a chain reaction.

Through Advanced Oxidation Processes (AOP) inactivates pathogenic microorganisms (viruses and bacteria), improves air quality (reducing volatile organic compounds and suspended particles) and eliminates odours.

Kleenfan technology with photocatalytic action fans. UV-A rays, from the long-life LED, act on the titanium dioxide of the turbine generating Reactive Oxygen Species (ROS) that, through oxidation / reduction reactions, deactivate a wide range of pathogenic microorganisms (viruses and bacteria). It mineralizes most of the pollutants present in livestock farming areas (NO_x , SO_x , CO_x , formaldehydes, VOCs, etc.).

Double filtration stages to catch air particles:

- Cyclone dust remover with collector.
- G4 (ZLM) according to EN779 standard.

Plug&play equipment without regulation.

Self-supporting stainless steel housing, extremely robust to guarantee a long life in corrosive environments, prepared for ceiling suspended installation.

Aspiration through the cyclonic filter. The filter incorporates a tank with a practical drain plug for maintenance when the tank is full.

Double inlet centrifugal fan driven by an external rotor motor with very low consumption and noise level.





Airflow
(m³/h)

110



Consumption
(Wh in 1h)

82



Intensity
(A at 230V-50Hz)

0,36



Weight
(Kg)

14,5

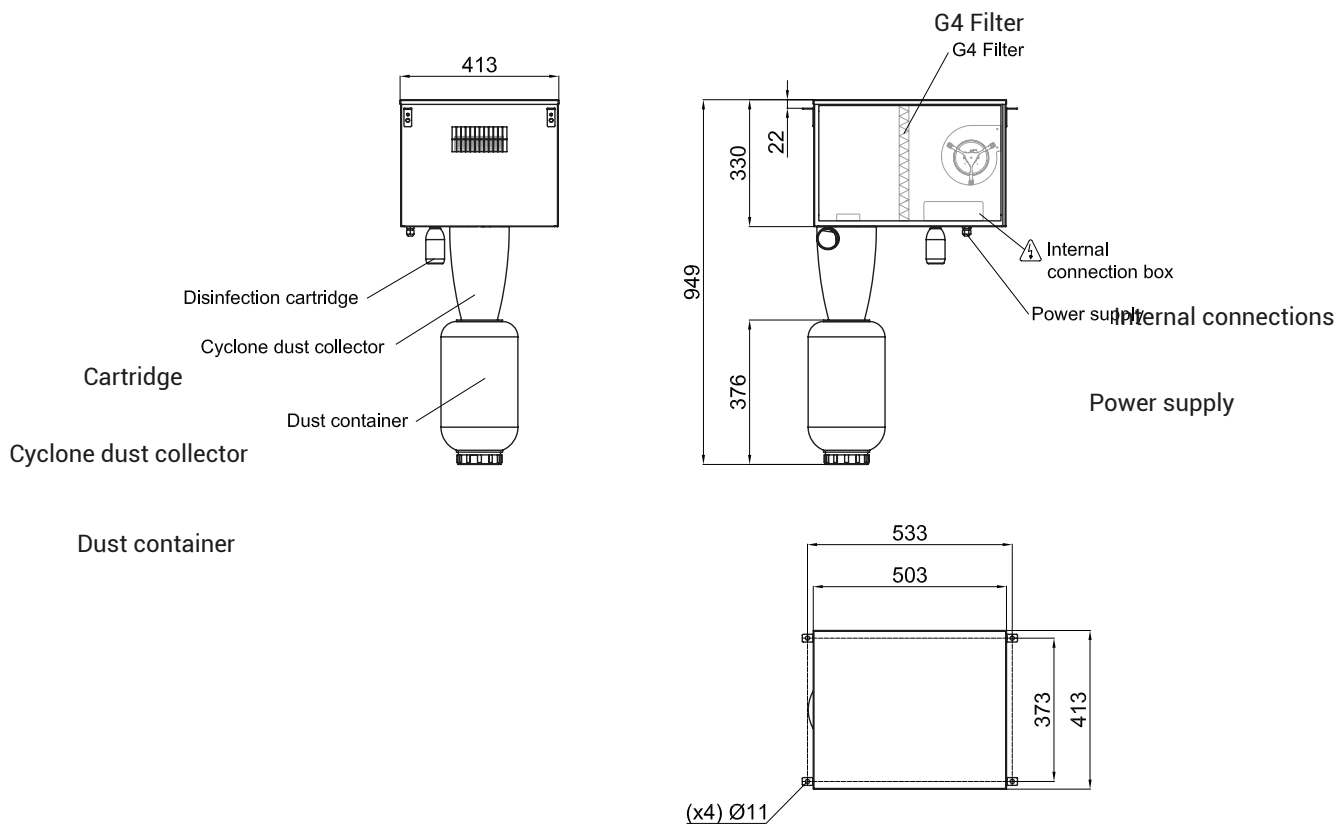


Noise level
(dB at 3m)

55

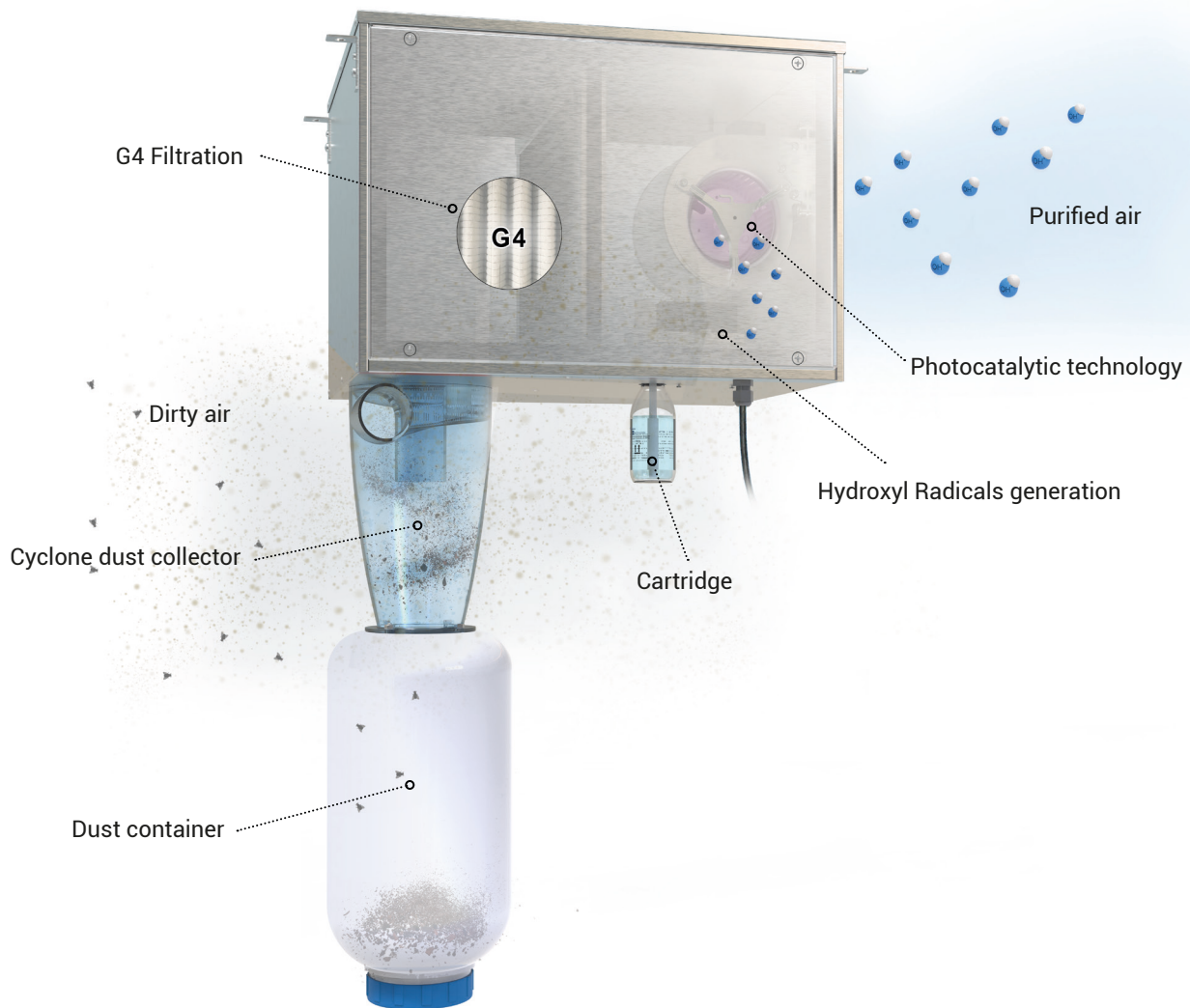
Dimensions

The unit has a nice compact design with overall dimensions of 533 x 413 x 949 (mm), including the cyclone collector and dust and particles container.



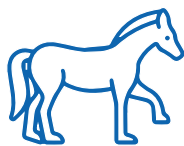
Functioning

The cyclone dust collector captures the large particles and precipitates them into the container. The air that passes through the equipment is filtered and subsequently purified due to the action of photocatalytic technology. Also, *Cyclohnic* generates hydroxyl radicals that expand through a chain reaction (active technology) to purify the air and surfaces in the room where it is installed.



Applications

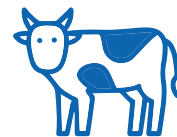
Cyclohnic is suitable for all types of livestock farms, whether for breeding, housing or feeding animals. It is ideal for all types of livestock.



Equine
(horses, donkeys and mules)



Porcine
(pigs)



Bovine
(cattle, cows...)



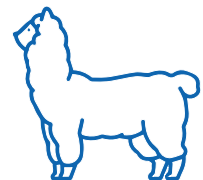
Avian
(chickens, turkeys, ducks...)



Ovine
(sheep and lambs)



Goat
(goats)



Exotic
(camels, alpacas, ostriches...)