

Idroazono



Ozonated water nebuliser for professional and environmentally friendly disinfection

Ozonated water nebuliser for professional and environmentally friendly disinfection

IDROZONO is an ozonated water generator designed for advanced surface disinfection using ULV (Ultra Low Volume) fogging. Its system combines ozonation and ultra-fine atomisation, creating a disinfectant cloud that is distributed evenly and penetrates even the most inaccessible corners.

Thanks to its robust design and manual control, **HIDROZONO** offers maximum reliability and operational safety, making it the ideal solution for environments that require hygiene without chemical residues, such as industrial, food, healthcare or hospitality facilities



Adjustable ULV lance with adjustable application angle



Operating principle

IDROZONO generates ozone [O_2] inside —a powerful oxidising agent— and mixes it with water, producing a highly effective disinfectant solution. This mixture is released through a ULV gun, which produces an ultra-fine mist capable of covering large areas with minimal water consumption and without generating toxic waste.

Ozone acts by destroying bacteria, viruses, fungi and spores in seconds, subsequently transforming into oxygen, making it a 100% environmentally friendly alternative to conventional chemical disinfectants.

Oxygen molecule [O_2]



Energy divisions



Ozone is formed [O_3]



Disconnection of oxygen atoms and ozone



Ozone is converted into oxygen



Main benefits

- **Chemical-free disinfection:** eliminates microorganisms without generating waste or odours.
- **Highly effective:** oxidises and neutralises contaminants in less than a minute.
- **Resource savings:** low water consumption and no need for chemicals.
- **Totally sustainable:** leaves no toxic by-products and complies with European hygiene and environmental regulations.
- **Simple and safe to use:** manual control, stable operation and minimal maintenance.

Applications

- **Food industry:** disinfection of production lines, cold rooms, tables and contact surfaces.
- **Healthcare and laboratories:** sterilisation of work areas, equipment and ducts.
- **Hospitality and catering:** cleaning of kitchens, dining rooms, spas, gyms and changing rooms.
- **Industrial facilities:** treatment of surfaces, tools and common areas.
- **Transport and public spaces:** disinfection of vehicles, changing rooms and warehouses.



Discover Idroazono



TECHNICAL SPECIFICATIONS

Power supply	230 V / 50Hz
Ozone production	20 g/h
Mixture of ozone and water	2 m ³ /h
Power	2,23 kW
Current consumption	10 A
Control panel	Push buttons
Building materials	Stainless steel and HDPE
Overpressure shutdown	0,2 - 0,4 mPa
Hose length	15 m
Dimensions [L x W x H]	1000 x 700 x 2000 mm /
Weight	50 kg





**Would you like to see how Idrozone
can transform the way you clean?**

Speak to our experts:

We will explain everything you need to know to make the best decision.

Visit us:

ICSindustry.net/en/

