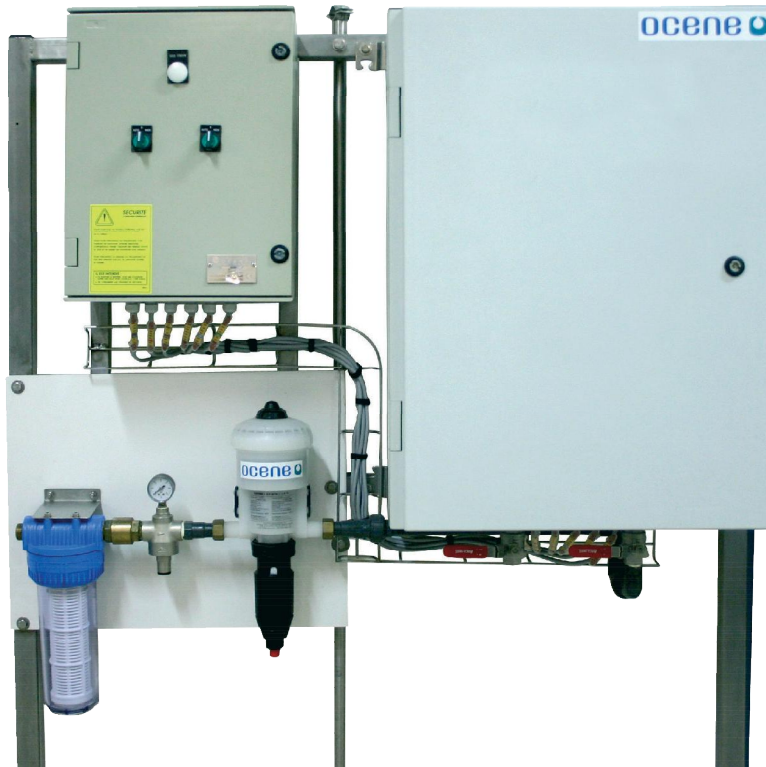
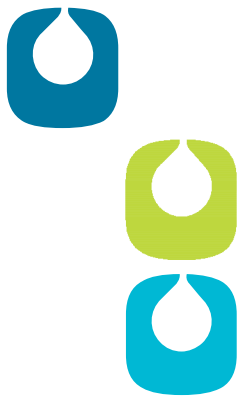


Air-way disinfection station



Application

- Disinfection



Descriptive

The air-way disinfection stations automate your final disinfection phase by diffusion in your premises of a steady fog made of micro-particles.

Benefits

Fogging

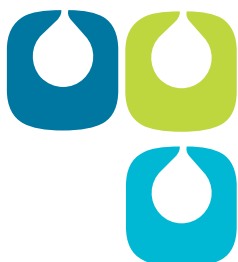
- Diffusion in your premises of a disinfectant steady fog (droplets from 5 to 20 μ).

Automate functioning

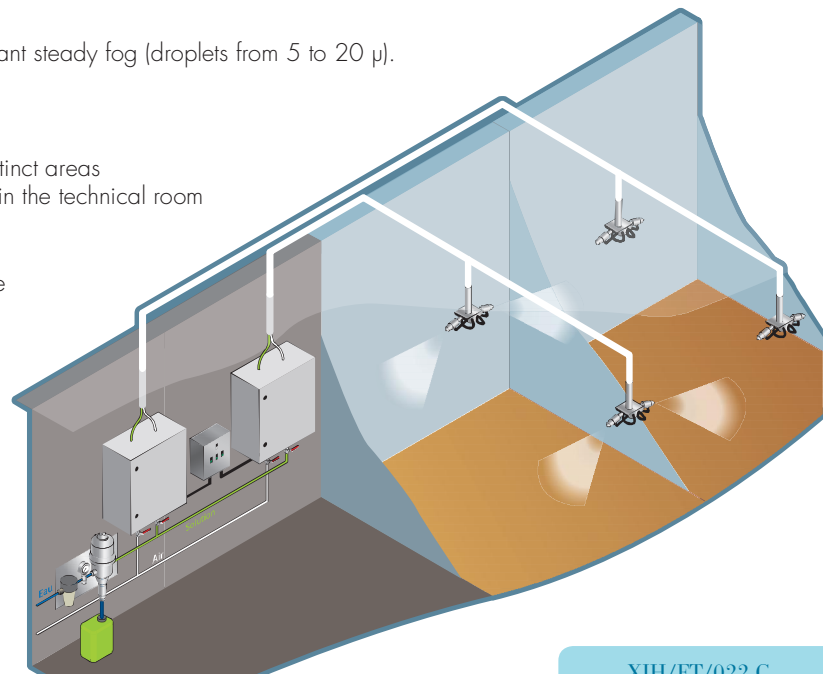
- Release and mist time automation
- Possibility to treat separately several distinct areas
- Complete centralization of the controls in the technical room

Security

- Disinfection away from human presence
- No chemicals handling



Example of scheme layout.



Air-way disinfection station

Technical data

Standard treatment	From 1 to 4 areas independently treated
Supply	Electricity: 230 volt
Air supply	Min. flow: 6 Nm ³ /h per nozzle Min. pressure: 5 bar
Indicative flow	10 L/h per nozzle – Lower flow possible for small premises
Chemical solution supply	By dosing pump: chemicals to be diluted By pneumatic pump: ready-to-use formulation
ADJUSTMENT AND SERVICE DEVICE	
<p>Dosing group</p> 	<p>Chemical to be diluted:</p> <ul style="list-style-type: none"> > Standard dosing from 1 to 5% by PVDF hydraulic pump > Pressure reducer > Protection filter > Water supply: 2 to 3 bar min.
<p>Pneumatic group</p> 	<p>Ready to use formulation:</p> <ul style="list-style-type: none"> > Transfer by diaphragm pneumatic pump installed on stand > Pressure regulator > Air supply: min. flow: 6 to 10Nm³/h / min. pressure: 6 bar
<p>Control cabinet</p> 	<ul style="list-style-type: none"> > Stainless steel or polyester made > From 1 to 2 nozzles' loops (zones) per box (1 nozzle' loop controls the diffusion in each distinct treated zone) > Adjustment by nozzle' loop of air and solution pressure thanks to pressure reducers > Solenoid valve and diaphragm valve on each nozzle' loop (zone) > Programmable logic controller allowing a temporized adjustment, manual or automatic (daily, weekly) > Air and chemical solution supply > Air draining system
<p>Atomization nozzles</p> 	<ul style="list-style-type: none"> > Stainless steel atomization nozzle > 1 to 2 nozzles' support > Wall or ceiling fixing > Compressed air supply: min. flow 6Nm³/h per nozzle / min. pressure: 4-5 bar > Chemical solution supply 0,5-1 bar, 10 to 15 L/h per nozzle (for standard nozzles) > Droplets size: from 5 to 20 micron > volume per nozzle: from 300 to 500 m³
<p>The necessary number of combined nozzles and nozzles' loops, as well as the nozzles flow, are determined by the premises volume and geometry.</p>	

All our materials are tested at the factory and supplied with instructions for use.