

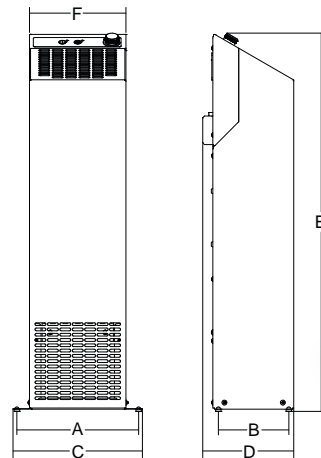
09/2021

# **Mod: OZONE/112MC**













**Production code: 61051122**

# OZONE/112MC

- Column ozone generator
- With a rated Ozone production of 112 g/h and its dual fan, the Maxi Tower sanitizes up to 1440 m<sup>2</sup>
- NFC controlled timer for a quick set of the sanitizing cycle
- Especially suitable for large areas: supermarkets, shopping malls, schools, greenhouses, fitness centres, theatres, cinemas, industrial and commercial buildings
- Ideal against, moulds, bacteria, viruses, parasites and bad smells
- Smart Aisi 304 stainless steel construction fits in any setting



Controls by App

												
	watt		g/h	h	m3/h	mm	mm	mm	mm	mm	mm	Kg
<b>OZONE/112MC</b>	740	1ph	112	0-24	165	322	145	336	186	1806	176	14.5



## DOES OZONE CAUSE DAMAGE TO PROPERTY OR OBJECTS?

One of the most frequently asked questions is whether the use of ozone as a sanitiser can cause damage to property and objects in the environment

As always, common sense and knowledge apply

In general, the temporary use of ozone in the right quantities only has a perceptible effect on materials after a very long time (years).

materials only after very long (years) exposures, while if used excessively and continuously it can damage some materials.

can damage some materials

As an indication, this is a table of ozone resistance of the main production materials.

<b>Material resistance to ozone</b>		
<b>Key: 1 poor, 2 moderate, 3 good, 4 excellent</b>		
<b>Material</b>	<b>Use</b>	<b>Resistance</b>
<b>ABS</b>	<b>Assemblaggi elettrici, componenti carrozzerie auto, tubi</b>	<b>3</b>
<b>Aluminium</b>	<b>Pots, profiles, fixtures</b>	<b>3</b>
<b>Bronze</b>	<b>Objects</b>	<b>3</b>
<b>CPVC</b>	<b>Drinking water pipes</b>	<b>4</b>
<b>EPDM: synthetic rubbers</b>	<b>Cold storage seals, fixtures</b>	<b>4</b>
<b>Natural rubber</b>	<b>Shoe soles</b>	<b>1</b>
<b>Inox 304</b>	<b>Machinery ordinary environment</b>	<b>3</b>
<b>Inox 316</b>	<b>Machinery in high-corrosion environmentse</b>	<b>4</b>
<b>Nylon</b>	<b>Ropes</b>	<b>1</b>
<b>Brass</b>	<b>Objects</b>	<b>1</b>
<b>Polycarbonate</b>	<b>Sheets, cell casing, lenses</b>	<b>4</b>
<b>Polypropylene</b>	<b>Packaging, detergent bottles, car dashboards</b>	<b>2</b>
<b>Plexiglass</b>	<b>Advertising displays, plates</b>	<b>4</b>
<b>Teflon</b>	<b>Pot linings, gaskets</b>	<b>4</b>
<b>Copper</b>	<b>Electrical cables</b>	<b>3</b>
<b>PVC</b>	<b>Building tubes, standard electrical cable sheaths</b>	<b>2</b>
<b>Glass</b>	<b>Windows, bottles, etc</b>	<b>4</b>
<b>Silicone</b>	<b>Insulating, sealing</b>	<b>4</b>
<b>Polyurethane</b>	<b>Thermal insulation</b>	<b>4</b>

In practice, it can be seen that ozone has no significant effect on the main materials normally used in work and home environments.

**Tabella programmazione generatori di ozono / Ozone generator programming table**

Modello / Models	Produzione nominale Capacity (nom)	Concentrazione Concentration	Timer 20 minuti / minutes		Timer 40 minuti / minutes		Timer 60 minuti / minutes	
			ppm mc	mc*	mq*	mc*	mq*	mc*
<b>Port 10</b>	10 g/h	1 ppm	140	50	280	100	420	140
		2 ppm	70	25	140	50	210	70
<b>Port 28</b>	28 g/h	1 ppm	360	120	720	240	1080	360
		2 ppm	180	60	360	120	540	180
<b>Tower 28</b>	28 g/h	1 ppm	360	120	720	240	1080	360
		2 ppm	180	60	360	120	540	180
<b>Tower 56</b>	56 g/h	1 ppm	720	240	1440	480	2160	720
		2 ppm	360	120	720	240	1080	360
<b>Maxi Tower 112</b>	112 g/h	1 ppm	1440	480	2880	960	4320	1440
		2 ppm	720	240	1480	480	2160	720

\*ppm: Parti per milione / parts per milion    \*mc: metri cubi, cubic meters    \*mq: metri quadri, square meters

I mc riportati in tabella sono indicativi, basati su un ambiente di altezza media 2,75 m

The mc values in the table are indicative, based on an average ceiling height of 2.75 m

**Ministero della Salute italiano, dipartimento sicurezza alimentare - Inattivazione virus, batteri, muffe, funghi in seguito a ozonizzazione  
Italian Ministry of Health, food safety department - Inactivation of viruses, bacteria, moulds and fungi following ozonization**

Organismo Organism	Concentrazione Concentration	Tempo di esposizione Exposure time
<b>Batteri / Bacteria:</b> E. Coli, Legionella, Mycobacterium, Fecal Streptococco	0,23 ppm- 2,2 ppp	< 20 minuti / minutes
<b>Virus / Viruses:</b> poliovirus tipe 1, Human rotavirus, Enteric Virus	0,2 ppm- 4,1 ppm	< 20 minuti / minutes
<b>Muffe / Moulds:</b> Aspergillus Niger, vari ceppi di penicillum, cladosporium	2 ppm	+/- 60 minuti minutes
<b>Funghi / Fungi:</b> Candida parapsilosis, candida tropicalis	0,02 ppm- 0,26 ppm	< 2 minuti / minutes
<b>Insetti / Insects:</b> acarus siro, Thirophagus casei, Thirophagus putrescentiae	1,5 - 2 ppm	+/- 30 minuti minutes