

Ariel2.0 sanitizing glass fountain

The best and **safest** drinking experience
starts with the glass



Ariel 2.0 is a new sanitizing glass fountain designed to provide the best and safest consumer experience

- **It has a unique cleaning function thanks to two separate sprays:**
 - » The central spray operates inside the glass
 - » The circular crown sprays the outside of the glass
- **It provides unique sanitation performances thanks to active Ozone**
- **Ariel 2.0 allows to sanitize the glass both inside and outside with a simple pressure**



Three important benefits:

- 1.** The glass is *perfectly cooled* for better quality of dispensed beverage
- 2.** The glass is *healthy and sanitized* thanks to the Ozone, both inside and outside
- 3.** The customer *perceive and appreciate the high level of care* and safety of the point of sale

Technology Ariel 2.0

Ozone application supporting points

- Ozone is more effective than chlorine in destroying viruses and bacteria ⁽²⁾
- Ozone decomposes rapidly following application and thus no GV (guidelines values) has been proposed ⁽¹⁾
- There are no harmful residuals that need to be removed after ozonation because ozone decomposes rapidly ⁽²⁾
- Ozone is generated onsite, and thus, there are fewer safety problems associated with shipping and handling ⁽²⁾
- Ozone is the most efficient disinfectant with regard to microorganisms ⁽¹⁾

Sources:
 (1)-who seminar pack for drinking-water quality
 (2)-EPA Wastewater Technology Fact Sheet – Ozone disinfection

Table 1 summarized the **Ct** values for the four main disinfectant, where

- C** = disinfectant concentration in mg/litre
t = the contact time in minutes required to inactivate a specified percentage of microorganisms

Summary of Ct values (mg/l. min) for 99% inactivation at 5 C (Clark et al, 1993)

Organism	Disinfectant			
	Free chlorine pH 6 to 7	Pre-formed chloramine pH 8 to 9	Chlorine dioxide pH 6 to 7	Ozone pH 6 to 7
<i>E. coli</i>	0.034-0.05	95-180	0.4-0.75	0.02
Polio virus 1	1.1-2.5	768-3740	0.2-6.7	0.1-0.2
Rotavirus	0.01-0.05	3806-6476	0.2-2.1	0.006-0.06
Bacteriophage f ₂	0.08-0.18	-	-	-
<i>G. lamblia</i> cysts	47->150	-	-	0.5-0.6
<i>G. muris</i> cysts	30-630	-	7.2-18.5	1.8-2.0 ^a
<i>C. parvum</i>	7200 ^b	7200 ^c	78 ^b	5-10 ^c



Ariel 2.0

a unique idea,
an innovative
accessory

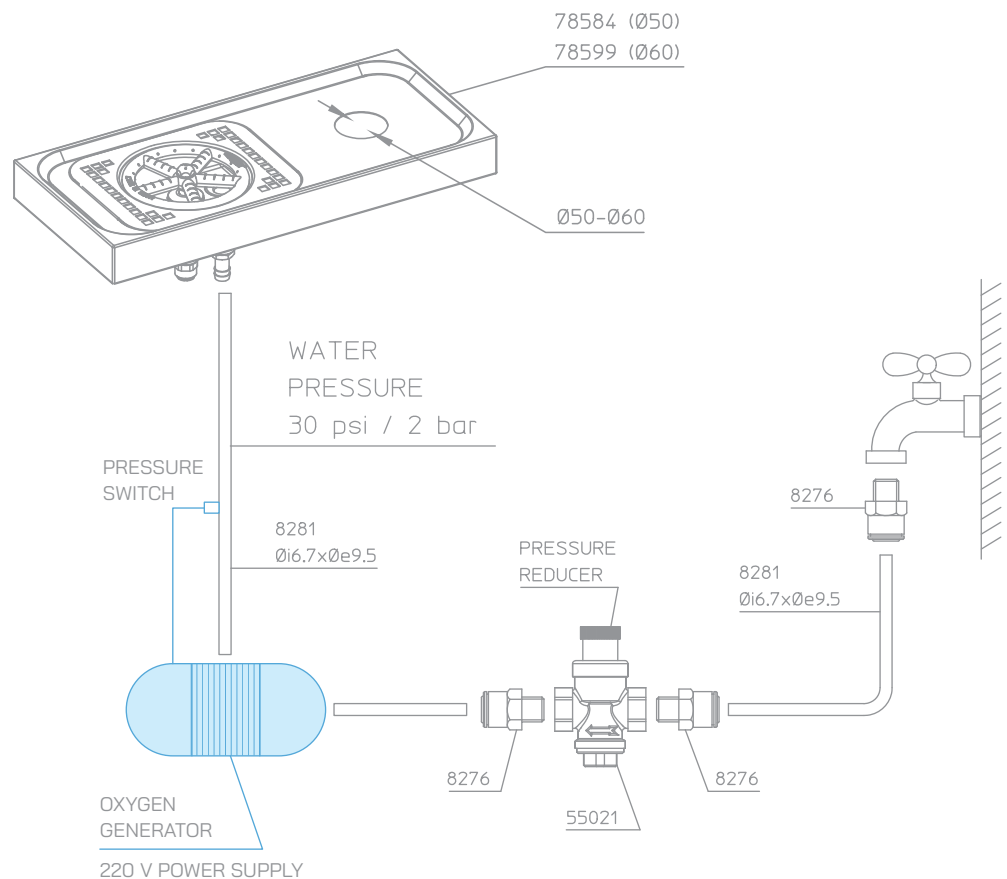
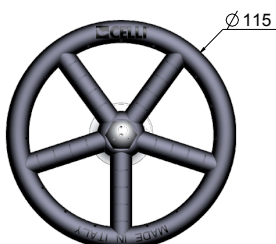
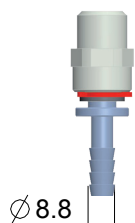
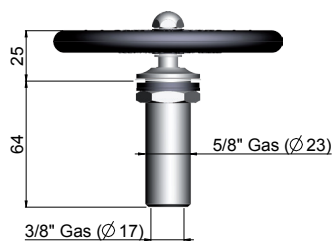


Ariel 2.0 can be installed in any bar counter, especially in clear sight of customers.

It can be integrated in the dispensing system or can be installed as a standalone device

Ariel 2.0 requires a water line connection and a power plug

Installation schematic



Ozone module

In-line device, adding ozone to water



Ozone module is a revolutionary device that instantly turns water into a powerful natural sanitizer. Using electrolytic ozone, this device offers an instant, effective, and residual free sanitation treatment.

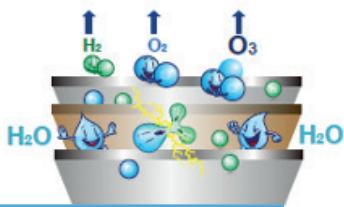
This compact device offers instant, residual-free sanitation, and can be easily integrated with existing waterlines and small water systems based on your needs. Given the application of advanced Oxidation technology, Ozone module will significantly improve the quality of your products.

Features

- Compact size for easy integration
- Instantly turns water into powerful natural sanitizer
- No chemicals involved

Benefits

- Water and waterline disinfection
- Protects against biofilms
- Sets high hygiene standards of your products
- Helps lower operation costs
- Residual free



Specification

Connection	Max. Capacity	Max. Pressure	Power Supply	Rated Power	Protection Class	Water Temperature	Concentration	Water Quality	Weight	Dimensions
1/4 female	40 ml	4 kg/cm ² (60 psi)	24VDC, 1A	24W	IP65	1-50° C (33.8-122° F)	up to 2.0 ppm (depending on the conductivity of water)	filtered ≤ 1 um, TDS 60-300 ppm, hardness < 120 ppm as CaCO ₃	0.4g (net)	WxH 70x116 mm Diameter: 50 mm



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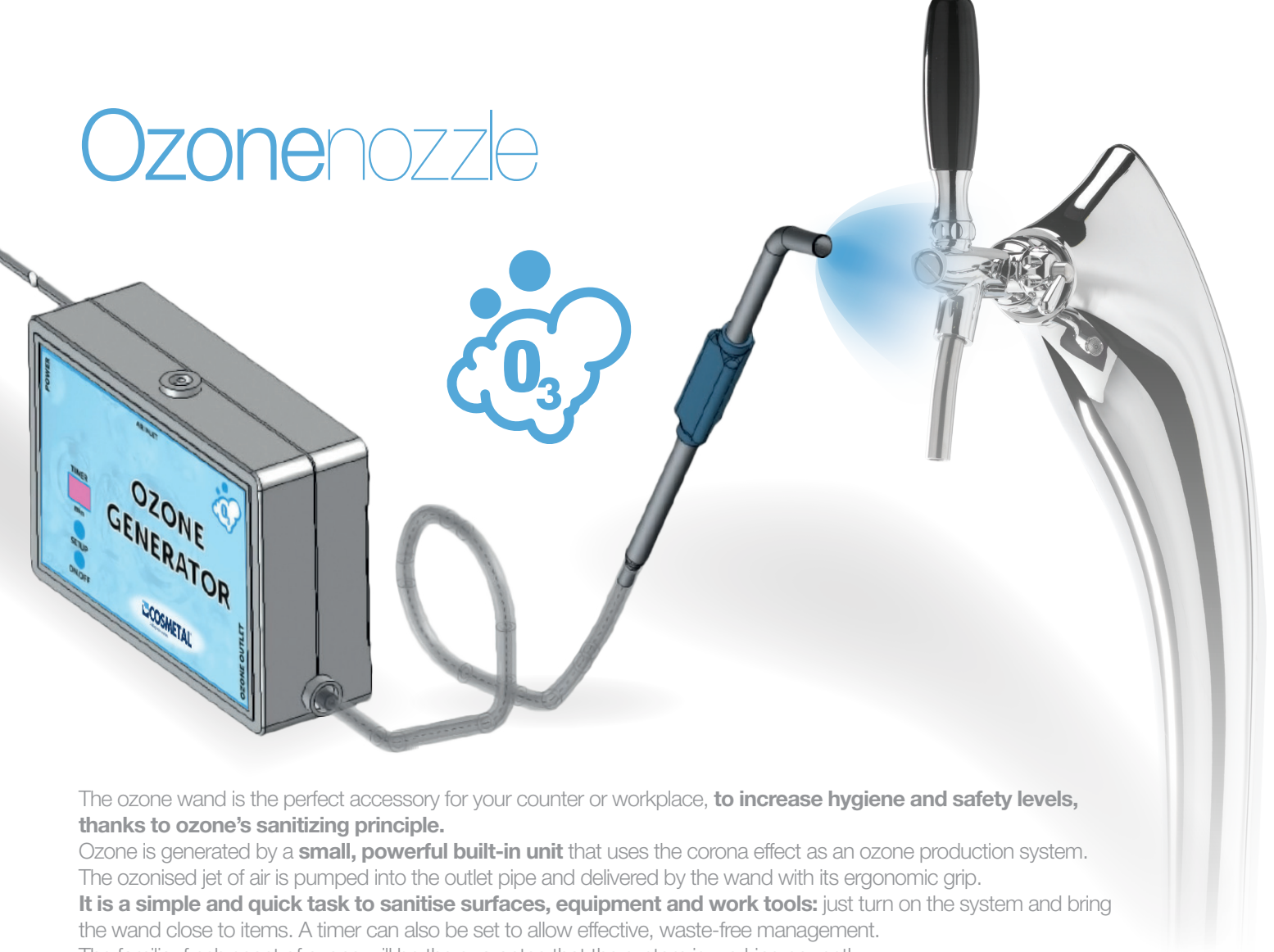
Ozonewand

Sanitization wand for dispense equipment with ozone generator



The ozonizing device
for sanitization treatments

Ozonenozzle



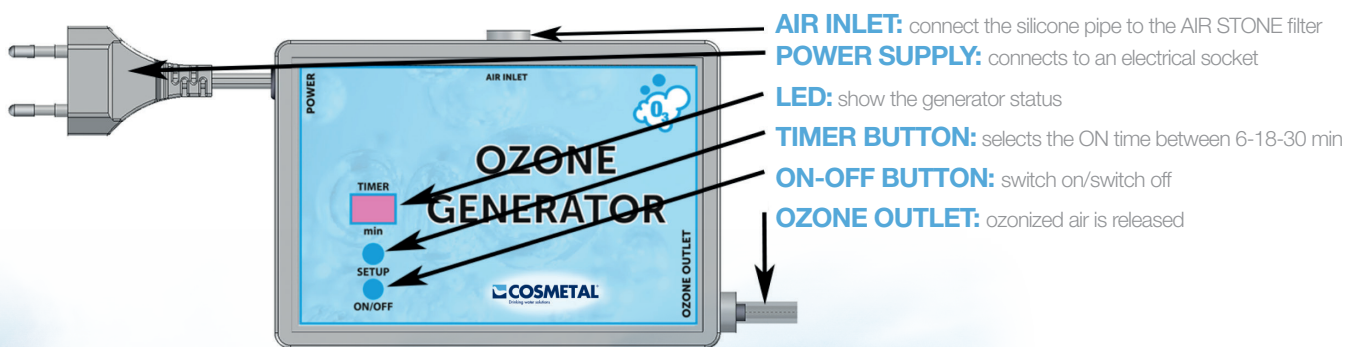
The ozone wand is the perfect accessory for your counter or workplace, **to increase hygiene and safety levels, thanks to ozone's sanitizing principle.**

Ozone is generated by a **small, powerful built-in unit** that uses the corona effect as an ozone production system. The ozonised jet of air is pumped into the outlet pipe and delivered by the wand with its ergonomic grip.

It is a simple and quick task to sanitise surfaces, equipment and work tools: just turn on the system and bring the wand close to items. A timer can also be set to allow effective, waste-free management.

The familiar fresh scent of ozone will be the guarantee that the system is working correctly.

This technology has been applied successfully for years on the public water dispensers managed by the Celli Group.



Technical features

Ozone production	Pump capacity	Pump pressure	Ozone generation method	Power supply	Controls	Air inlet/ Ozone outlet	Power cable	Accessories	Measurement WxHxD	Net weight
200 mg/hr in ambient air, 300 mg/hr in dry air	2~3 lpm	2 PSI (14 KPa)	corona effect	220V/50Hz 120V/60Hz 12W	Timer can be set to 6/18/30 min always ON	resca 1/4" (6mm)	1,2 m	2 pipes ca. 1.2m and air filter stone (air stone)	143x98x46 mm	0,65 kg

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CELLIgroup
The sustainable drinking experience