

Ariel2.0

sanitizing
glass fountain

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



A product that supports point of sales
reopening after Covid-19 lockdown

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

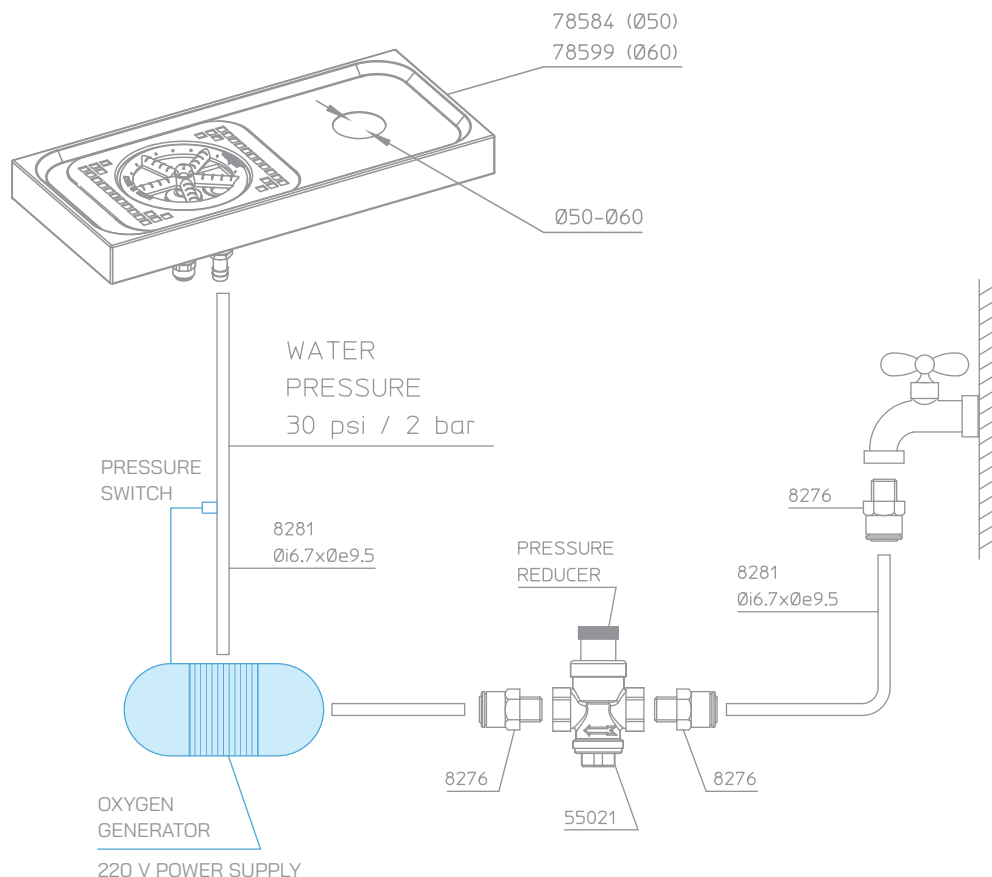
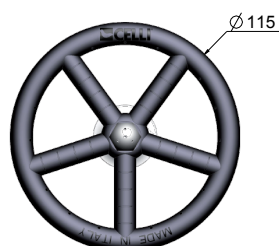
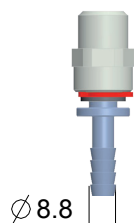
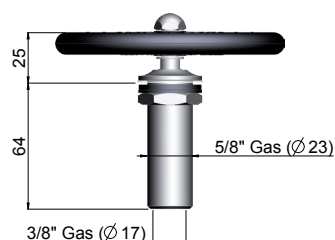
Ariel 2.0 can be installed in any bar counter, especially in clear sight of customers.

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





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