

## OZOLINE and STERILINE Ozone Disinfection Systems



### Overview

The OZOLINE and STERILINE systems are manufactured by Ozono Elettronica Internazionale of Milan, Italy. They have been producing ozone generators and associated equipment for over 30 years and have installed more than 400 systems in that time.

The OZOLINE and STERILINE equipment is designed to prepare controlled quality water for disinfections and washing of:

- Bottles and container
- Food, chemical, pharmaceutical circuits
- Ultra pure water
- Thermal circuits and swimming pools
- Drinking water
- Foods and/or foodstuffs

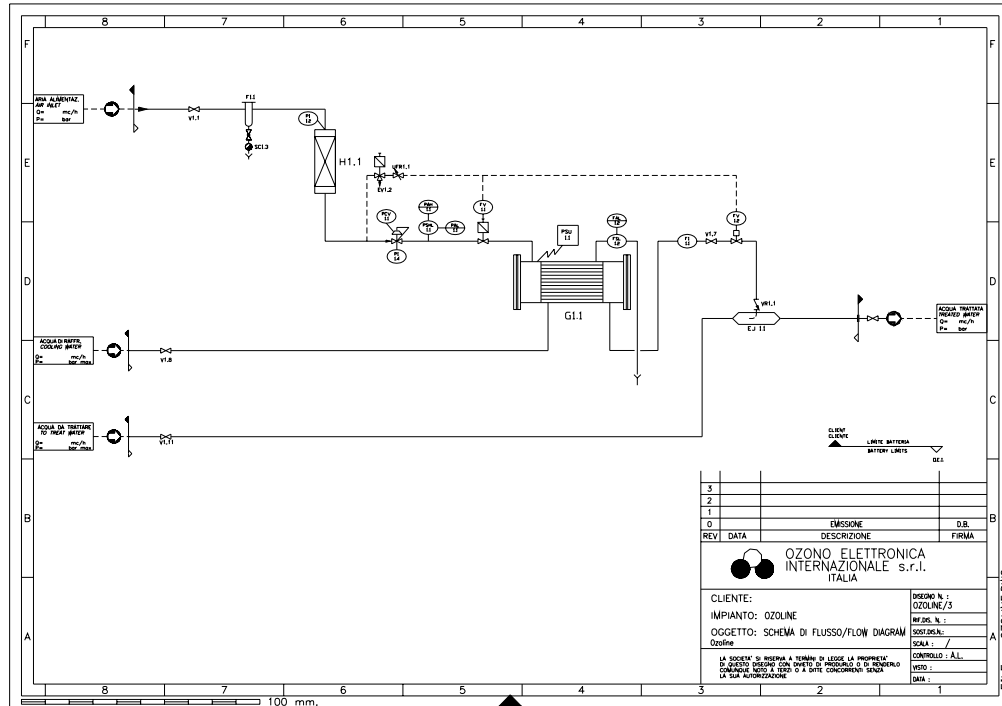
The advantages offered by ozonation are the following:

- Fast disinfection of bacteria, viruses and spores (up to 3,000 times faster than chlorine) with short periods of contact,
- Color, odor and taste are reduced and in some cases eliminated
- Effective over a wide range of temperatures and pH
- Does not form harmful by products
- Does not create unpleasant odors
- Quickly oxidizes organic impurities

Both the OZOLINE and STERILINE systems produced ozonated water. The STERILINE system also includes a contact tank with a recirculation pump and integrated ozone destroyer while the OZOLINE system provides only an in-line mixer. Process flow sheets shown below illustrate the differences between the systems.

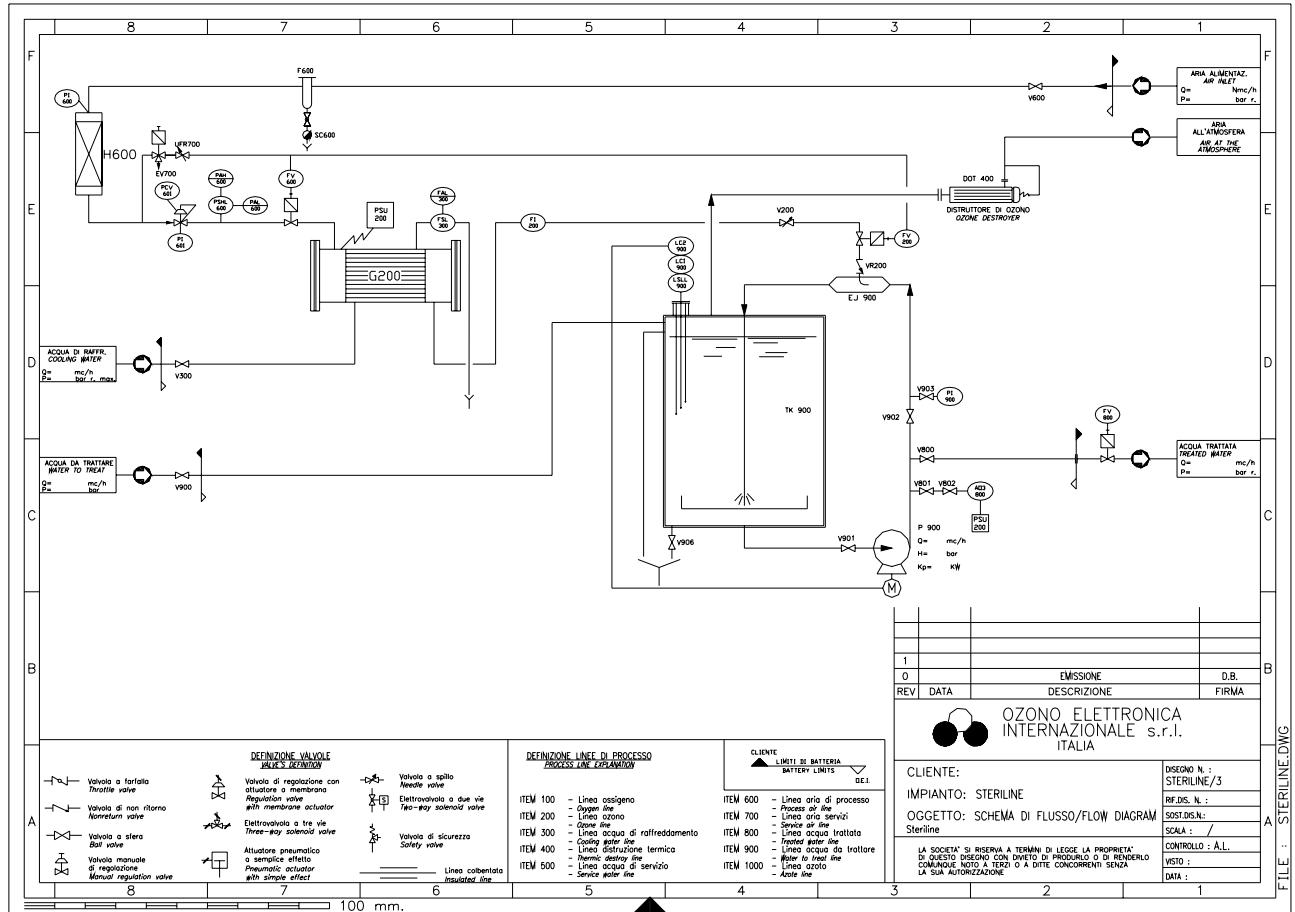
Type of model		OZOLINE 1	OZOLINE 2	OZOLINE 3	OZOLINE 4	OZOLINE 5
Max. water flow rate to be treated	gpm	11	22	44	88	176
Max. water pressure to be treated	psi	43	43	43	43	43
Compressed air flow rate,	SCFM	0.13	0.25	0.44	1.0	2.0
Power inst/absorbed	KVA/W	0.15/75	0.3/150	3/240	3/600	11/1200
Ozone production,	lb/day	0.16	0.32	0.63	1.59	3.17
Dimensions, L x W x H,	ft	0.98x 2.46 x 3.28	0.98x 2.46 x 3.28	2.13 x 2.95 x 3.61	2.39 x 2.95 x 4.59	2.39 x 2.95 x 4.59

OZOLINE Flow Sheet



Type of model	Units	STERILINE1	STERILINE2	STERILINE3	STERILINE4	STERILINE5
Max. water flow rate to be treated	gpm	11	22	44	88	176
Max. water pressure to be treated	psi	43	43	43	43	43
Compressed air flow rate	SCFM	0.13	0.25	0.44	1.0	2.0
Power inst/absorbed	KVA/W	0.15/0.075	0.3/0.15	3/0.24	3/0.6	11/1.2
Inst. pump	KW	0.75	1.1	2.2	4	7.5
Ozone production	lb/day	0.16	0.32	0.63	1.59	3.17
Dimensions, L x W x H	ft	2.62 x 2.62 x 6.89	2.62 x 2.62 x 6.89	2.62 x 5.25 x 6.89	2.62 x 5.25 x 6.89	2.62 x 5.25 x 6.89

### STERILINE Flow Sheet



**Spartan Environmental Technologies**  
**Air and Water Treatment**

**Ozone**  
**Generators**

**Spartan Environmental Technologies, LLC is the sole distributor of Ozono Elettronica Internazionale S.r.l. ozone generators and associated equipment in the US and Canada.**

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