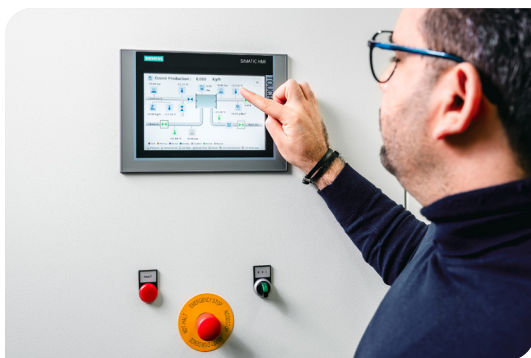




Evotide Ozone System

Next-generation technology for reliable ozone production



With over 40 years of expertise and 5,000+ installations globally, WEDECO's pre-engineered ozone portfolio serves a wide range of markets and applications.



Effizon® evo 3G electrode

Fail-proof design for consistent ozone production

Evotide's industry-leading design delivers:

- Ground-breaking electrodes and horizontal vessel cooling which allow high tolerance against changing cooling water temperatures – without adding heat to the room.
- Reliable operation and consistent ozone production at ambient air temperatures up to 104°F / 40°C and cooling water temperatures up to 95°F / 35°C.
- IEEE519 compliance, with no need for external harmonic mitigation equipment.
- Fire code compliance with IP 65 and NEMA 4 rating for complete protection against harsh environments.

Pre-engineered for simplified control

With seamless integration into your process, Xylem's pre-packaged solutions offer full visibility and control of your ozone generation process. Factory-tested and ready-to use, Evotide offers automatized and safe operating environments. Achieve your steady state concentrations quickly and effectively with the system's simplified design specs.

No generator cleaning required

With the latest Effizon® evo 3G electrodes, Evotide is built to last, and proven to perform. The Intelligent Electrode Protection (IEP) prevents premature electrode failures, avoiding downtime. With no internal clogging or deposit build-up, there's a consistent production of ozone.



Technical Data	Ozone output from feed gas oxygen*		Ozone output from feed gas air**	
Evotide E100	2.5 kg/h	132 PPD	1.4 kg/h	74 PPD
Evotide E200	5.0 kg/h	265 PPD	2.6 kg/h	138 PPD
Evotide E300	7.5 kg/h	397 PPD	3.7 kg/h	196 PPD
Evotide E400	10.0 kg/h	530 PPD	4.8 kg/h	254 PPD
Evotide E500	15.0 kg/h	793 PPD	7.4 kg/h	392 PPD
Evotide E600	20.0 kg/h	1058 PPD	9.7 kg/h	513 PPD
Evotide E700	30.0 kg/h	1587 PPD	15.0 kg/h	794 PPD

* LOX 8wt% (118 g/Nm³), 15°C|59°F

** COMPRESSED AIR 2.3 wt% (30 g/Nm³), 15°C|59°F

Values reflect standard conditions. System operates within these ranges and may vary accordingly.



Municipal

- Micropollutant removal in wastewater
- Drinking water

Industrial

- Wastewater reuse
- Aquaculture
- Cooling water
- Off gas treatment

Optimised performance with less user interaction

Evotide's intuitive user interface, backed by the pre-programmed PLC, simplifies production and monitoring of key metrics. Reliable operation is ensured with:

- Integrated automatic controls and SMART connectivity, providing real-time 24/7 remote monitoring and optimized maintenance.
- Optional cloud connection with Avensor™ enables on-site technicians with data-driven insights and troubleshooting guides.

A complete optimized ozone control with no surprises and no on-site ozone expertise needed.

Low cost of ownership

The Evotide system delivers up to 15% energy savings in comparison to previous technology – even at higher ozone concentrations. It further reduces operating expenses by eliminating the need for harmonic mitigation equipment or HVAC upgrades. With predictable maintenance scheduling and zero unplanned downtime, you get reliable performance and a cost-effective feed gas supply.

Ozone capacity

2.5kg/h (132 lb/day) to 30 kg/h (1,587 lb/day)

Orientation

Horizontal (78" [2m] height)

Protection Class Reactor

IP65/ NEMA 4 Fire code compliance

Harmonic mitigation

On board equipment meeting IEEE519

Cooling water temperatures

41°F (5°C) to 95°F (35°C)

Ambient temperature

Up to 104°F (40°C)

Electrode warranty

10-years

SCADA connection

Modbus TCP / Profibus TP / Ethernet IP / Profinet

Additional features

- Dissolved and ambient ozone monitoring
- Ozone Destruct
- Higher Protection IP66
- Avensor remote connectivity

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Let's Solve Water