



Small WEDECO Ozone Systems

EFFICIENT OZONE PRODUCTION AT HIGH CONCENTRATIONS

WEDECO
a xylem brand

WEDECO Modular & GSA/GSO generators

XYLEM'S WEDECO Modular and GSA/GSO ozone generators are designed to produce ozone more effectively at high concentrations up to 16 weight % ozone.

They offer the highest ozone concentration yields at lowest energy demand. System parameters are monitored and displayed to ensure a safe and reliable operation. The result is maximum ozone production, minimum operating costs and an unmatched reliability.

WEDECO ozone generators are ideally used for disinfection and oxidation of all kinds of process water in industry, laboratory and pilot plant application.

Standard applications include:

- Drinking water
- Process water loops
- Recycling processes
- Rinser
- Food and beverage industry
- Cooling water
- Fishfarming
- Swimmingpools



GSO 30 (optional stainless steel cabinet) and GSO 50 generator



View inside: GSO 50 generator (left) and GSO 10 - 30

ADVANTAGES

- Reduced energy consumption
- Drastically reduced oxygen demand due to high production concentrations
- Low installation and maintenance requirements
- Low investment and operating costs
- Highest reliability and safe operation
- Built for permanent operation
- Compact and Proven design

WEDECO OCS unit - „plug and play“

The Ozone Complete System (OCS) is designed to meet the customer's requirements to have a ready-to-install and easy to operate ozone unit with a high reliability.

The System complies with DIN 19627, CE-EMVG and ZH 1/474 and is pre-tested before shipment. All components are mounted on a stainless steel frame and are ready for connection to process.

Standard Components of WEDECO OCS units

- Ozone generator (up to GSO 30)
- Feedgas Supply via oxygen generator
- Introduction system with pump and injector
- Ambient air monitoring
- Electric controls with signal exchange
- Stainless steel frame with internal piping and wiring
- Pipework and wiring

Optional Accessories

- Ozone concentration monitoring (gas/water)
- Reaction- and Degassing tanks in different sizes
- Residual ozone destruction in off gas
- Stainless steel quality of cabinet and piping



Technical data						
Type	Max. ozone-production (g/h)	Air demand [m³/h] NPT	Oxygen demand [m³/h] NPT	cooling medium [m³/h]	Power consumption Air (kW)	Power consumption Oxygen (kW)
Modular 2	2	1,0	-	Air	0,1	-
Modular 4	4	1,0	-	Air	0,45	-
Modular 4 HC	4	-	0,02	Air	-	0,1
Modular 6	6	-	0,3	Air	-	0,5
Modular 8 HC	8	-	0,02 - 0,14	Air	-	0,18
GSO 10	15/30	0,75	0,3	0,08	0,35	0,35
GSO 20	25/50	0,9	0,51	0,08	0,6	0,6
GSO 30	46/100	2,02	1,02	0,17	1,15	1,15
GSO 40/06	80/200	4,0	2,0	0,35	2,4	2,4
GSO 50	203/400	7,8	4,0	0,7	4,5	4,5

Xylem ['zīləm]

- 1) The tissue in plants that brings water upward from the roots
- 2) A leading global water technology company

We're 12,000 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to xyleminc.com.

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