



Wedeco Compact Ozone Systems

EFFICIENT OZONE PRODUCTION

WEDECO
a xylem brand

Wedeco Modular & GSO 18 Series ozone systems

Xylem's Wedeco Modular and GSO 18 Series generators are designed to produce ozone more effectively at high concentrations up to 13 weight % ozone.

The GSO-18 Series is offering the highest ozone concentration yields at lowest energy demand. System parameters are monitored and displayed to ensure safe and reliable operations.

Thanks to intelligent Electrode protection (IEP) the new Effizon® Glass Core technology electrodes are making traditional safety concepts, such as fuses or coatings, unnecessary. The result is maximum ozone production, minimum operating costs and unmatched reliability.

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

Standard applications include:

- Drinking water
- Process water loops
- Recycling processes
- Rinsers
- Food and beverage industry
- Cooling water
- Fish farming
- Swimming pools



**GSO 18
ozone systems**



**View inside:
GSO 18 ozone systems**

- 1 Operation Panel
- 2 Flow meter
- 3 Pressure gauge

- a Axial fan
- b Net filter
- c Converter board
- d Temperature switch
- e Intermediate choke
- f High voltage transformer
- g Ozone cell

ADVANTAGES

- Intelligent Electrode Protection (IEP)
- 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 “plug and play”

The Wedeco OCS ozone system is designed to meet the customer's requirements to have a ready-to-install and easy-to-operate ozone unit with high reliability.

The system complies with DIN 19627, CE-EMVG and DGUV rule 103-001 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 18-30)
- Introduction system with pump and injector
- Ambient air monitoring
- Electric controls with signal exchange
- Stainless steel frame
- Pipework and wiring

Optional accessories

- Ozone concentration monitoring (gas/water)
- Reaction- and degassing tanks in different sizes
- Residual ozone destruction in off-gas
- Cabinet and piping in stainless steel
- Feedgas supply via oxygen generator



Technical data						
Ozone Systems	Max. ozone production (Air / LOX in 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	-	0.14	Air	-	0.18
GSO 18-20	29 / 55	0.93	0.50	Water	0.6	0.6
GSO 18-30	42 / 102	2.00	1.00	Water	1.1	1.1
GSO 18-40	109 / 204	4.20	2.00	Water	2.4	2.4
GSO 18-50	215 / 420	8.00	4.00	Water	4.5	4.5