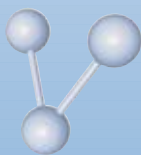


# WEDECO



## Small Ozone Systems

WEDECO



**ITT Industries**  
*Engineered for life*

## Ozone Generators and Complete Ozone Systems for Small and Medium Sized Applications



Fully assembled "ready to install" compact ozone system OCS with ozone generator type GSO 20

### Numerous applications

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:

- Disinfection
  - drinking water
  - loop systems
  - recycling processes
  - rinsers
  - food and beverage industry
  - cooling water
  - fishfarming
  - swimmingpools
- Oxidation Processes



### Efficient ozone production at high concentrations

Modular HC as well as 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.

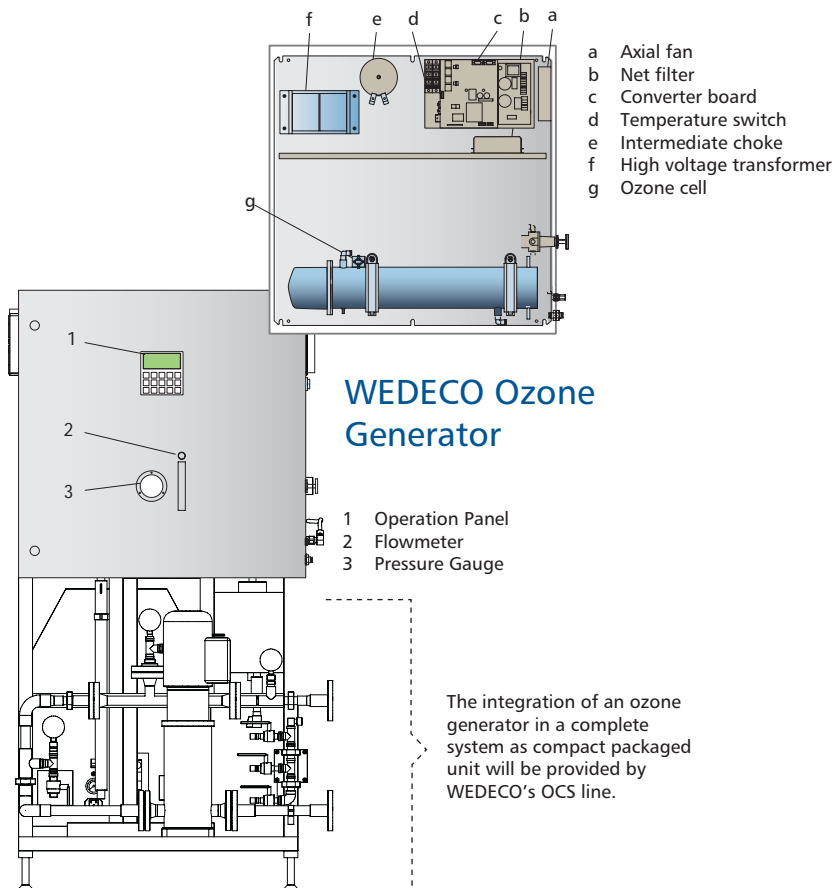
### Benefits of Ozone Oxidation

- Disinfection ➡ Removal of bacteria, viruses, parasites
- Oxidation ➡ Removal of odour, colour and taste
- No hazardous by-products

## Advantages

### Benefits of Effizon® technology used in GSA/GSO generators

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



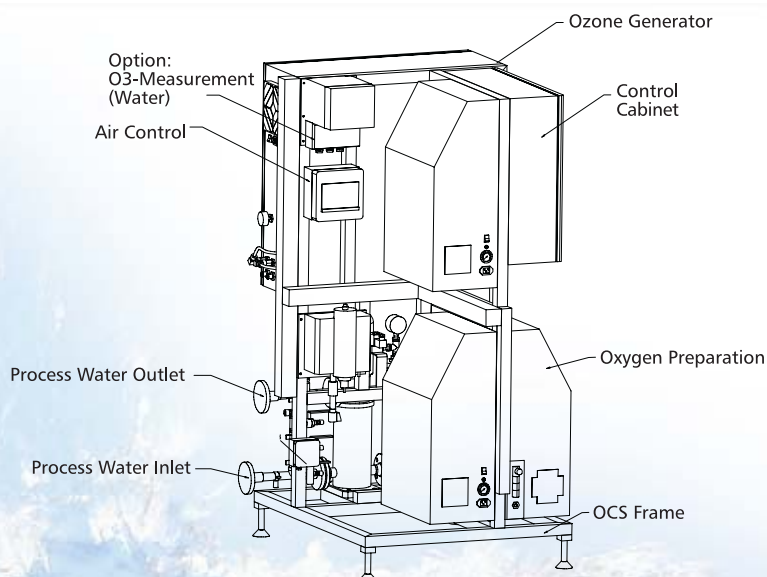
## Components of WEDECO OCS System

- Ozone generator
- Feedgas Supply with oxygen generator
- Introduction system with pump and injector
- Ambient air monitoring
- Electric controls with signal exchange
- Stainless steel frame with internal piping and wiring

## Optional Accessories

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

## WEDECO OCS System



## Technical Data

### Air fed Ozone Generators

Model	Max. ozone production (g/h)	Air demand (m³/h) NTP	Cooling medium	Power consumption at 100% of ozone production [kW]	Dimensions H / W / D [mm]	Weight [kg]
Modular 2	2	1.0	Air	0.16	400 x 600 x 210	20
Modular 4	4	1.0	Air	0.5 inkl. airdryer and compressor	600 x 600 x 210	35
GSA 10	15	0.75	Water 0.08 m³/h	0.5	800 x 800 x 300	65
GSA 20	23	1.25	Water 0.08 m³/h	0.6	800 x 800 x 300	65
GSA 30	40	2.0	Water 0.16 m³/h	1.1	800 x 800 x 300	65
GSA 50	220	7.8	Water 0.70 m³/h	3.8	1600 x 800 x 450	290

### Oxygen fed Ozone Generators

Model	Max. ozone production (g/h)	Oxygen demand (m³/h) NTP	Cooling medium	Power consumption at 100% of ozone production [kW]	Dimensions H / W / D [mm]	Weight [kg]
Modular 4 HC	4	0.04	Air	0.1	600 x 600 x 210	30
Modular 6	6	0.25	Air	0.6 inkl. oxygen generator with compressor	600 x 600 x 210	50
Modular 8 HC	8	0.08	Air	0.2	600 x 600 x 210	35
GSO 10	30	0.3	Water 0.08 m³/h	0.5	800 x 800 x 300	65
GSO 20	50	0.5	Water 0.08 m³/h	0.6	800 x 800 x 300	65
GSO 30	100	1.0	Water 0.16 m³/h	1.1	800 x 800 x 300	65
GSO 50 200 g/h version	200	2.0	Water 0.35 m³/h	2.0	1600 x 800 x 450	250
GSO 50 400 g/h version	415	4.0	Water 0.70 m³/h	3.8	1600 x 800 x 450	290



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