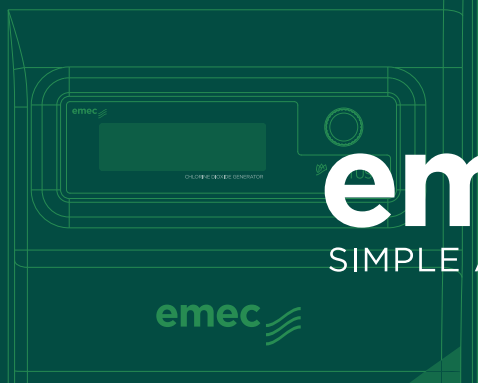


# CHLORINE DIOXIDE GENERATORS

# LOTUS



  
LOTUS  
AIR



**emec**   
SIMPLE AS WATER

**emec** 

# LOTUS

## Disinfection made safe.



MODBUS



ETHERNET



WIFI



USB PORT



ERMES

ERMES



ONLINE STATS



CUSTOMIZABLE



APP

The use of chlorine dioxide in the treatment of water has been driven by an increased awareness of biological related health issues. **EMEC LOTUS** chlorine dioxide generators can be used in a variety of industries for control of micro-organisms in water systems and are especially recommended for Legionella reduction, control and prevention in cold and hot water systems.

***Micro-organisms are killed in 5 minutes in a safe way.***

**LOTUS** chlorine dioxide based biological control systems are reliable and safe, being designed so there is no requirement to handle  $\text{ClO}_2$  as a gas: two liquid chemicals, Hydrochloric Acid (HCl) and Sodium Chlorite ( $\text{NaClO}_2$ ), react together to form the chlorine dioxide required, so there is no  $\text{ClO}_2$  gas or concentrated solutions outside of the process application.

Thanks to EMEC online control system ERMES, you will also be able to monitor and interact with **LOTUS** systems from everywhere and through a simple but powerful web interface.



# PERFORMANCES

## STANDARD CONFIGURATION

MODELS	ClO <sub>2</sub> MAX CAPACITY	CONCENTRATION	MAX CHEMICALS CONSUMPTION
<b>AIR 10</b>	10 g/h	0,2%	0,25 l/h
<b>AIR 30</b>	30 g/h		0,75 l/h
<b>AIR 60</b>	60 g/h		1,5 l/h
<b>MINI 8</b>	8 g/h	0,2%	0,2 l/h
<b>MINI 20</b>	20 g/h		0,5 l/h
<b>MAXI 80</b>	80 g/h	2%	2 l/h
<b>MAXI 160</b>	160 g/h		4 l/h
<b>MAXI 240</b>	240 g/h		6 l/h
<b>MAXI 400</b>	400 g/h		10 l/h
<b>MAXI 600</b>	600 g/h		15 l/h
<b>MAXI 1000</b>	1000 g/h		25 l/h
<b>ULTRA 1000</b>	1000 g/h	5,5%	6,1 l/h
<b>ULTRA 2000</b>	2000 g/h		12,2 l/h
<b>ULTRA 4000</b>	4000 g/h		24,4 l/h
<b>EASY 8</b>	8 g/h	2%	0,2 l/h
<b>EASY 20</b>	20 g/h		0,5 l/h
<b>EASY 40</b>	40 g/h		1 l/h
<b>EASY 80</b>	80 g/h		2 l/h

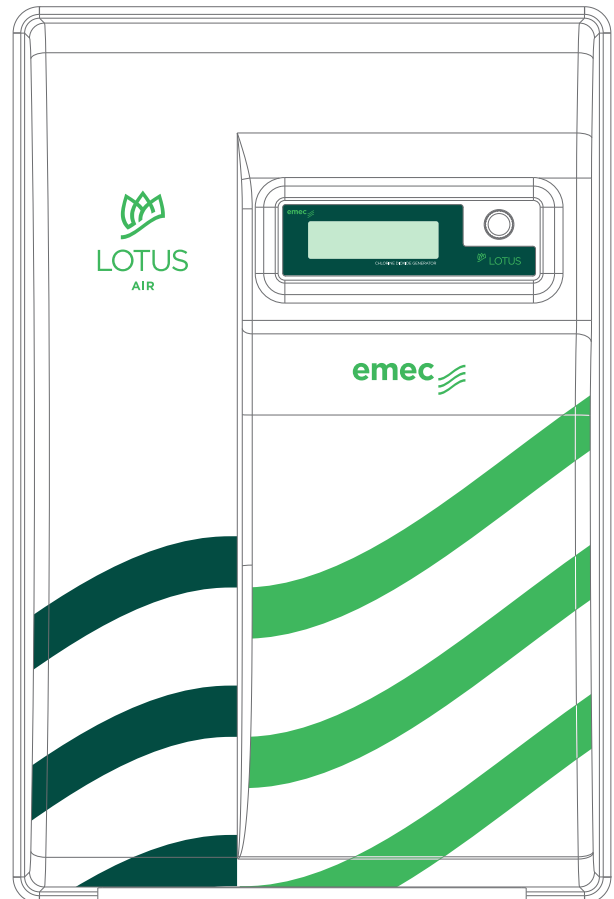
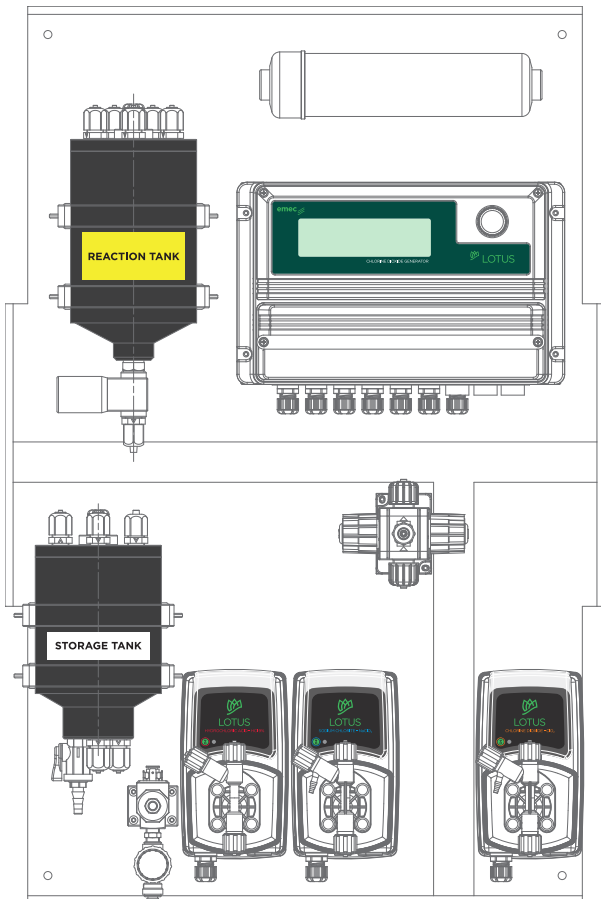
# LOTUS CHEMICAL REACTOR

■ LOTUS ULTRA (1000, 2000, 4000) > **PVDF**

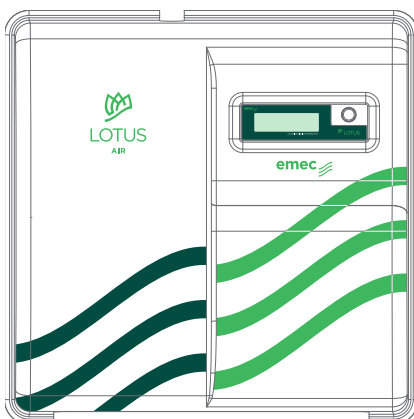
■ OTHER LOTUS SYSTEMS > **PVC**

# LOTUS INSIDE

AIR 10, MINI 8/20 (60X90 CM) INSIDE EXAMPLE



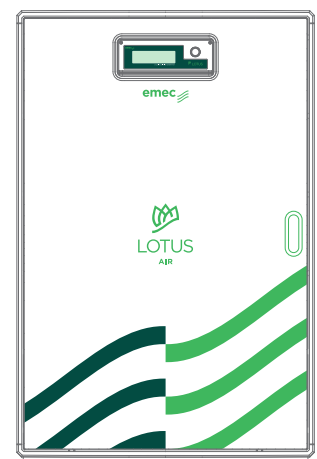
## OTHER COVERED SYSTEMS



AIR 10  
MINI 8 / 20



AIR 30 / 60



ULTRA




  
**LOTUS**  
AIR

emec

03-13-35	06-05-12
ClO <sub>2</sub> 0.00 ppm	MHz 0.00
Temp. 0.0 °C	Storage
pH 7.00	Tank
Menu	Empty

CHLORINE DIOXIDE GENERATOR

 **LOTUS**

**emec** 





emec 

cod. 20200650



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