



## OXYGEN TYPE OZONE GENERATORS Series K-PSA

Ozone is the most powerful oxidant and disinfectant which can be safely used in multiple applications.

SEWEC ozone generators, series **K-PSA** are for ozone production from oxygen at high ozone concentration. They are equipped with all components and parts required for safety, efficiency and ease of operation. The ozone generators are available at 6, 10 and 20 grams O<sub>3</sub>/hr.

All systems are equipped with an in-built automatic operated oxygen concentrator for providing oxygen gas at 90-93% purity as feed gas.

SEWEC ozone generators are equipped and manufactured in accordance with DIN19627 and EN1278.





**General features:**

Compact robust construction  
 Fully equipped with all required system components  
 Designed and manufactured for long-life span  
 Multiple monitoring and safety features  
 Ease of operation

**Technology:**

Electrical control includes PLC with text display  
 Ozone module of stainless steel 316Ti  
 High-voltage electrodes with integrated fuses  
 Resin-embedded power transformer

**Ozone production control:**

Manual adjustment by multiple-step-switch or various transformer  
 Automatic control versus control signal 4-20mA)\*



	<b>K06-PSA</b>	<b>K10-PSA</b>	<b>K20-PSA</b>
Capacity (gO <sub>3</sub> /hr)	6	10	20
Ozone conc. (gO <sub>3</sub> /m <sup>3</sup> )	80	80	80
Feed gas	Oxygen	Oxygen	Oxygen
Cooling media	Air	Air	Air
Gas flow(m <sup>3</sup> /hr)	0,08	0,12	0,25
Oxygen concentrator	inbuilt	inbuilt	inbuilt
Power consumption (kW)	0,1	0,16	0,3
Power supply)* (V, Hz)	230,1-ph,50/60	230,1-ph,50/60	230,1-ph,50/60
Dimensions WxDxH (mm)	800x400x1200	800x400x1200	800x400x1200
Conformity	CE	CE	CE

Technical changes are subject without prior notice

Options:

Inbuilt frequency inverter for automatic ozone production control  
 Inbuilt oilfree compressor

)\* Automatic ozone production control by inbuilt frequency converter, power supply 3x 400V,3-ph,50/60Hz  
 Model name: K...-PSAF