

## Ozone generator Model: G-PSA



Ozone generators of series **G-PSA** are manufactured in accordance with the DIN standard **DIN19627**. They are designed and equipped for fully automatic operation and are consisting of all units and components necessary for the economic production of ozone from oxygen. All components are accommodated in a painted steel cabinet arrangement equipped with all relevant safety and venting devices.

### Features:

- Modular system with comprehensive monitoring of functions and operations according DIN 19627 (German Standard for ozone generators) and EN1278
- Designed for reliable operation at 100% duty during 24 hrs/day on 365 days/year
- Highest possible operation safety due to the use of serial components from leading European manufacturers
- Construction and materials designed for highest availability and long life span
- Multi-circuit ozone generators available
- Easy access to all essential components
- Industrial standard
- Ease of operation

	<b>G100-PSA</b>	<b>G150-PSA</b>	<b>G200-PSA</b>	<b>G250-PSA</b>
Capacity (gO <sub>3</sub> /hr)	100	150	200	250
Ozone concentr. (gO <sub>3</sub> /m <sup>3</sup> ) max.	148	148	148	148
Feed gas	Oxygen	Oxygen	Oxygen	Oxygen
Cooling media	Water	Water	Water	Water
Gas flow (m <sup>3</sup> /hr)	0,68	1,01	1,35	1,69
Oxygen concentrator	Inbuilt, PSA type	Inbuilt, PSA type	Inbuilt, PSA type	Inbuilt, PSA type
Energy consumption (kW)	1,20	1,80	2,40	3,00
Electrical power supply (V, Hz)	400,3-ph,50/60	400,3-ph,50/60	400,3-ph,50/60	400,3-ph,50/60
Dimensions WxDxH (mm)	800x500x1800	800x500x1800	1200x600x2000	1200x600x2000
Conformity	CE	CE	CE	CE

	<b>G300-PSA</b>	<b>G350-PSA</b>	<b>G400-PSA</b>	<b>G450-PSA</b>
Capacity (gO <sub>3</sub> /hr)	300	350	400	450
Ozone concentr. (gO <sub>3</sub> /m <sup>3</sup> ) max.	148	133	133	133
Feed gas	Oxygen	Oxygen	Oxygen	Oxygen
Cooling media	Water	Water	Water	Water
Gas flow (m <sup>3</sup> /hr)	2,03	2,6	3,00	3,4
Oxygen concentrator	Inbuilt, PSA type	Inbuilt, PSA type	Inbuilt, PSA type	Inbuilt, PSA type
Energy consumption (kW)	3,60	4,20	4,80	5,40
Electrical power supply (V, Hz)	400,3-ph,50/60	400,3-ph,50/60	400,3-ph,50/60	400,3-ph,50/60
Dimensions WxDxH (mm)	2000x600x2000	2000x600x2000	2400x600x2000	2400x600x2000
Conformity	CE	CE	CE	CE

	<b>G500-PSA</b>	<b>G550-PSA</b>	<b>G600-PSA</b>	
Capacity (gO <sub>3</sub> /hr)	500	550	600	
Ozone concentr. (gO <sub>3</sub> /m <sup>3</sup> ) max.	133	133	133	
Feed gas	Oxygen	Oxygen	Oxygen	
Cooling media	Water	Water	Water	
Gas flow (m <sup>3</sup> /hr)	3,8	4,2	4,5	
Oxygen concentrator	Inbuilt, PSA type	Inbuilt, PSA type	Inbuilt, PSA type	
Energy consumption (kW)	6,00	6,60	7,20	
Electrical power supply (V, Hz)	400,3-ph,50/60	400,3-ph,50/60	400,3-ph,50/60	
Dimensions WxDxH (mm)	2800x600x2000	2800x600x2000	2800x600x2000	
Conformity	CE	CE	CE	

Technical changes are subject without prior notice