

Ozone generator Model: M-PSA



SEWEC ozone generators of series **M-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



Technology:

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

Ozone production control:

Manual adjustment by various transformer
 Automatic control versus control signal 4-20mA)*

	M30-PSA	M40-PSA	M53-PSA	M70-PSA
Capacity (gO3/hr)	30	40	53	70
Ozone concentration (gO3/m ³)	133	133	133	133
Process gas	Oxygen	Oxygen	Oxygen	Oxygen
Cooling media	Water	Water	Water	Water
Gas flow (m ³ /hr)	0,23	0,30	0,40	0,53
PSA oxygen concentrator	inbuilt	inbuilt	inbuilt	inbuilt
Energy consumption (kW)	0,33	0,44	0,58	0,77
Electrical power supply (V, Hz)	230,1-ph,50/60	230,1-ph,50/60	230,1-ph,50/60	400,3-ph,50/60
Dimension WxDxH (mm)	800x400x1200	800x400x1200	800x500x1800	800x500x1800
Conformity	CE	CE	CE	CE

Option:

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