



## Oxygen Systems

### Oxygen for Guardian Ozone Systems



Guardian supplies numerous industrial control systems to customers all over the world.



Specifications	OC4-12-120V	OC10-12-120V	OC15-12-120V
Control	Low Voltage Dry Contact	Low Voltage Dry Contact	Low Voltage Dry Contact
PSA Concentrators	One	One	One
Output	87% to 92% O <sub>2</sub>	87% to 92% O <sub>2</sub>	87% to 92% O <sub>2</sub>
Power Requirements	120V, single phase, 10A	240V, Single phase 15A	120V, single phase, 15A
Oxygen Flow Rates	1 to 4 LPM	1 to 10 LPM	1 to 15 LPM
Enclosures	NEMA12, NEMA4 & 4X	NEMA12, NEMA4 & 4X	NEMA12, NEMA4 & 4X
Cooling	Air Cooled	Air Cooled	Air Cooled
Pressure Range	5 to 14 psi	5 to 14 psi	5 to 14 psi
Dimensions	25.5"h x 17"w x 12"d	25.5"h x 17"w x 12"d	34"h x 24.4"w x 11"d
Weight	130 lbs	140 lbs	152 lbs

### How Does It Work

Pressure Swing Adsorption or PSA elements remove nitrogen. Incoming air is compressed and fed to our proprietary dehumidifier. Water vapor is condensed prior to entering the PSA element and automatically evaporated. Molecular sieves in the PSA elements adsorb nitrogen. Oxygen is concentrated up to 92%. Nitrogen is exhausted from the PSA element to atmosphere.

### System Features

Guardian Oxygen Systems are designed to operate with our Integrated Ozone Systems. All operational parameters function with our Smart Relay Technology. Oxygen concentration is constantly monitored with our on-board micro processor for full protection of the ozone cell.

### OC4-OC10-OC15 Dimensions

