



Guardian Oxygen Systems

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

Model	OC30-12-240V Oxygen Concentrator
Control	Dry Contact
PSA Concentrators	2 ATF 32 Fractionators
Output	45 LPM, 87% to 92% Oxygen
Power Requirements	240V, Single phase 20A
Compressors	2 Rack Mounted
Oxygen Flow Rates	1 to 30 LPM for Model PB120Q1 Guardian Ozone Generation
Enclosures	NEMA12, NEMA4 & 4X
Cooling	Air Cooled
Pressure Range	5 to 14 psi
Dryer/Filters	Guardian Stealth Technology Dehumidification
Weight	275 lbs Total

How Does It Work

Filtered air is compressed and metered to the Guardian's Stealth Filter. Pressure Swing Adsorption or PSA elements concentrate oxygen from compressed air. Molecular sieves in the PSA elements adsorb nitrogen. Water vapor is removed prior to entering the PSA element through our Stealth Filter using the exhausted nitrogen. Oxygen is concentrated up to 92%.

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.

OC30-12-240V

