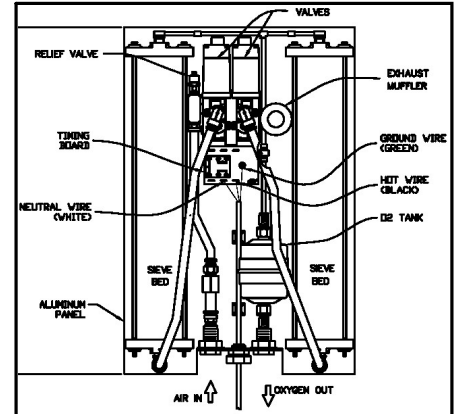




OXIDATION SYSTEMS, INC.

Oxygen Concentrator System

The oxygen concentrator provides oxygen from 0-15 standard cubic feet per hour (SCFH) at 90-95% purity. Oxygen is separated from ambient air using a special zeolite media. A high-pressure air compressor designed specifically for this system delivers oxygen at 25 psig to the ozone generator. The oxygen modules incorporate proven pressure swing adsorption (PSA) principles into a unique patented design which is far more compact, efficient, rugged and lower in cost than conventional PSA systems.



Continuous Operation. The air compressor, filtration system, zeolite sieve, surge tank, and flow control system were designed for 24 hour operation.

Durable. The standard oxygen concentration system is built on an aluminum chassis. Its anodized aluminum sieve beds are fitted with custom molded composite end caps for years of reliable service.

SPECIFICATIONS

Oxygen Output	15 SCFH @ 9.0 PSIG 0.40 Nm ³ / hr @ 172.5 kPa (1.72 BAR)
Dewpoint	-60°F (-51°C)
Oxygen Purity	90% +/- 5% (depending on flow rate)
Sound Levels	62 dba @ 1 meter, open field conditions (with enclosure)
Dimensions	17.25 x 10 x 30 inch
(WxDxH)	44 x 25.5 x 76.2 cm
Weight	73 lb. (33kg)
Power	120 VAC Model: 120 VAC, 60 HZ
Requirements	Single Phase, 4.0 ampere

