

# TOX Oxygen Concentrator



The TOX Oxygen Concentrators are reliable units that include air filtration, air dryers to remove moisture, regulators, and a compressor for a complete package. These units are built to provide thousands of hours of continuous use, and the entire unit is completely rebuildable and very easy to clean or replace components.

## SYSTEM FEATURES

- Built to provide thousands of hours of continuous, reliable service
- The entire unit is rebuildable, all components can be replaced for easy maintenance.
- Rebuild abilities of the TOX makes the systems incredibly economical since new systems don't need to be purchased.
- Wall mountable
- Visual Flow-meter (standard)
- Manufactured, assembled, and tested in the USA.
- Internal air compressor

## APPLICATIONS

- Ultra-Pure water
- Pharmaceutical water
- Bottled water plants
- Cooling tower

### **Oxidation Technologies, LLC.**

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Model	Oxygen Production	O2 Delivery PSI	Dimensions (WidthxDepthxHeight)	Power Requirement
TOX-20	20 SCFH	20 PSI	16" x 12" x 24"	120 VAC
TOX-30	30 SCFH	20 PSI	24" x 10" x 20"	120 VAC
TOX-40	40 SCFH	20 PSI	24" x 10" x 24"	120 VAC
TOX-60	60 SCFH	20 PSI	30" x 10" x 30"	120 VAC



## PRESSURE SWING ABSORPTION (PSA)

Clean, dry compressed air is fed into the first molecular sieve bed. Nitrogen is adsorbed, while oxygen is allowed to flow through. When the sieve in the first bed becomes full of nitrogen, the airflow is then directed into the second bed. As the second bed separates the oxygen from the nitrogen, the first bed vents its nitrogen into the atmosphere. Compressed air is once again fed into the first bed, and the process is repeated continuously.

## OPTIONS

- The TOX series can be ordered with the standard 120 VAC electrical power option, there is also a 220 VAC, 50 Hz option.

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