



AEROUSnx

The AEROUSnx™ Oxygen Concentrator is designed and engineered to provide a safe and reliable oxygen source to deliver efficient ozone production in the harshest environments.

Designed for commercial applications it delivers 95% dry oxygen at 15 SCFH. The oxygen is created on-site through the *pressure swing adsorption (PSA) process providing a constant flow of oxygen. It is used in tandem with ClearWater Tech’s ozone systems delivering quality, high output ozone.

**Pressure Swing Adsorption is a cost-efficient molecular process that uses a sieve material to produce a high purity oxygen or nitrogen.*

AEROUSnx SPECIFICATIONS

| | |
|----------------------|---|
| Oxygen Output | 15 SCFH (7 LPM) @ 10 PSIG |
| Oxygen Purity | 93% + / - 3% |
| Sound Level | 60 dB(A) |
| Dimensions/Wt. | 16.6" h x 15.2" w x 15.7" d (422 x 386 x 399 mm); 50 lbs (23 kg) |
| Power Requirements | 120VAC 60 HZ, 5.8 AMP, 1 Phase 220/240VAC 50/60 HZ, 3.1 AMP, 1 Phase |
| Operating Conditions | - Specifications listed are based on the following atmospheric operating conditions: temperature -22°F to 104°F (-30°C to 40°C), Relative humidity <85%; System must be adequately ventilated |

FEATURES

- Gas flow meter
- External air filters
- Easy to service
- Produces -80°F dew point feed gas
- Anodized aluminum base and stainless steel enclosure for outdoor conditions
- Generated on-site - Oxygen on demand
- Engineered for high humidity environments

APPLICATIONS

- Ozone generation
- Cutting, brazing & welding
- Glass blowing
- Hydroponics
- Industrial gas supplies
- Jewelry making
- Muffler shops
- Aquaculture
- Veterinary
- Waste water treatment
- Cannabis indoor facilities



AD40 - Heat Regenerative Air Dryer

The AD40 is an automatic, heat regenerative desiccant air dryer designed to accompany the CD10, CD12, M-1500 and the Apex V ozone systems. It is rated for use in environments with up to 75% relative humidity.

Rack-Mounted Oxygen Systems

Designed specifically for the commercial ozone cabinets, ClearWater Tech offers multiple, rack mounted, oxygen concentration systems available in five configurations.

AIR PREPARATION SPECIFICATIONS

| Unit | Packaged With | Max SCFH @ Oxygen 90% (+3%/-5%) | 120V/60Hz, AMPS | 220V/50Hz AMPS, Single Hot Leg | 240/60Hz, AMPS | Dimensions (inches) | | | Wt. lbs |
|-------|------------------------------------|---------------------------------|-----------------|--------------------------------|----------------|---------------------|------|------|---------|
| | | | | | | H | W | D | |
| AD40 | CD10, CD12, CD1500, CD2000, APEX V | 20 | 1.0 | 0.6 | 0.5 | 25.0 | 12.5 | 12.5 | 10.0 |
| RMS30 | CD4000HO, CD4000P | 30 | 6.6 | 3.4 | 3.1 | 49.0 | 19.0 | 23.0 | 190.0 |
| RMS45 | CD6000HO, CD6000P | 45 | | 5.1 | 4.7 | 60.0 | 42.0 | 19.0 | 284.0 |
| RMS60 | CD8000HO, CD8000P | 60 | | 6.8 | 6.2 | 60.0 | 42.0 | 19.0 | 359.0 |
| RMS75 | CD12000P | 75 | | 8.5 | 7.8 | 60.0 | 42.0 | 19.0 | 434.0 |
| RMS90 | CD12000HO | 90 | | 10.2 | 9.3 | 81.5 | 42.0 | 19.0 | 509.0 |



ClearWater Tech

Ozone Systems for Water & Air Purification

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