

# ClearWater Tech, LLC AIR PREPARATION



## 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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