ClearWater Tech, LLC
AIR PREPARATION SYSTEMS

AEROUS Oxygen Concentrator

The AEROUS™ oxygen concentrators are designed for commercial applications that require high levels of oxygen - up to 93%. The oxygen is created on-site via the pressure swing adsorption (PSA) process. Oxygen concentrators can provide a constant flow of oxygen without storage or handling of oxygen cylinders, making them the perfect choice for many applications.

AD40 - Heat Regenerative Air Dryer

Accurate air preparation is important for efficient ozone production and to the longevity of corona discharge ozone generators. The AD40 is an automatic, heat regenerative desiccant air dryer. Designed to accompany the CD10, CD12, M-1500, CD1500, P2000 and the Apex V ozone systems. It is rated for use in environments with up to 75% relative humidity.

Air Prep Features
• Twin sieve bed design
• Low maintenance
• Externally mounted intake filter
• Flow meter/pressure regulator
• Hour meter
• Silent operation [50 dB(A)]

Air Prep Applications
• Ozone generation
• DAF systems
• Glass blowing
• Aquaculture
• Veterinary
• Waste water
• Industrial gas supply

Rack-Mounted Oxygen Systems

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

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.
						H	W	D	lbs
Aerous-8	CD10, CD12, M1500 CD1500, CD1500P	8	3.0	1.6	1.5	19.75	11.89	13.75	68
Aerous-15	P2000, CD2000, CD2000P, CD30nx	15	3.8	2.1	1.9	20.50	12.64	15.10	75
AD40	CD10, CD12, M1500, CD1500 P2000, CD2000	20	1.0	0.6	0.5	25.0	12.5	12.5	10.0
RMS30	CD4000, CD4000HO, CD4000P	30	6.6	3.4	3.1	49.0	19.0	23.0	190.0
RMS45	CD6000, CD6000HO, CD6000P	45		5.1	4.7	60.0	42.0	19.0	284.0
RMS60	CD8000, 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	CD12000, CD12000HO	90		10.2	9.3	81.5	42.0	19.0	509.0