



## ECOTEX SPECIFICATION SHEET



- ENERGY SAVINGS
- WATER SAVINGS
- DETERGENT SAVINGS
- CHEMICAL SAVINGS
- EFFLUENT QUALITY
- TEXTILE LIFE & QUALITY
- OPERATIONAL EFFICIENCY
- DISINFECTION

EcoTex™ Advanced Laundry Oxidation Systems from ClearWater Tech use the power of ozone (O<sub>3</sub>) and oxygen (O<sub>2</sub>) to save money and improve laundry quality. EcoTex™ is designed to simultaneously support as many as two (2) commercial washers, up to 200 lbs. each. But most importantly it enables laundry professionals to replace expensive multi-step wash programs, based on heavy use of chemicals and hot water, with simpler, more elegant cold-water programs that use the power of ozone for disinfection and detergent activation.

ClearWater's EcoTex™ technology has been proven through years of operation in over 1,500 installations worldwide - more than all other ozone manufacturers combined. It is this proven ability to deliver savings and laundry quality, year after year, which distinguishes ClearWater Tech.

### Costs and Maintenance

Maintaining an EcoTex™ system is straightforward and will ensure a very long economic life. Air filters must be kept clean to allow for unimpeded airflow and cooling. The oxygen concentrator uses a compressor with a recommended service interval of 8,000-12,000 hours of operation. If the system operates 10-12 hours a day, every day, the compressor service should occur every two years. The ozone generator creates ozone in a specially designed "reaction chamber" that must be kept clean for proper operation. Typically, the reaction chamber should be removed and cleaned every 1-2 years depending on the hours of operation.

### Each EcoTex™ System includes:

- 1- Ozone Generator** – one per washer
  - ECO100 - for washers from 35 lbs. to 110 lbs
  - ECO200 - for washers 110 lbs. to 200 lbs.
    - Corona discharge reaction chamber
    - Air cooled
    - System interface printed circuit board
    - Pneumatic controls
    - Operation indicating LED's
- 2- Oxygen Concentrator** – one unit serves up to two washers
  - 8 SCFH concentrator
  - 15 SCFH concentrator
  - 23 SCFH concentrator

### 3 - EcoTex™ Mini-Diffuser

Ozone and oxygen are continuously injected directly into the washer sump throughout the operation of each programmed step in the wash cycle. A proprietary, mini diffuser is installed in the washer and connected to the ozone generator via a Teflon® delivery line.

### 4 - Packages

System packages can be ordered by quantity and size of washers per installation.

### Maintaining the EcoTex™ System

Service Period	Oxygen Concentrator (per unit)	Ozone Generator (per unit)
Monthly	Clean Cooling Filters	Clean Cooling Filters
6 Months	Replace Compressor and Air Inlet Filter	NONE
12 Months	NONE	Clean as required
24 Months	Rebuild Compressor	Replace O-rings and Inline Air Prep, Clean Ozone Reaction Chamber

## SPECIFICATION INFORMATION

Product			EcoTex 100	EcoTex 200	Workhorse 8C	Workhorse 15C	Workhorse 23C	Ambient Ozone Monitor
Configuration:	No. of Washers	Capacities:						
ECC035D-I	1	35 to 110lbs.	1		1			1
ECC035D-II	2	35 to 110lbs.		1	1			1
ECC035D-III	3	35 to 110lbs.	1	1		1		1
ECC035D-IV	4	35 to 110lbs.		2		1		1
ECC0110D-I	1	110 to 200lbs.		1	1			1
ECC0110D-II	2	110 to 200lbs.		2		1		1
ECC0110D-III	3	110 to 200lbs.		3			1	1
ECC0110D-IV	4	110 to 200lbs.		4			1	1
<b>Electrical:</b>								
Amps @ 120/208-240, 50/60Hz			1.2 - 0.8	2.1 - 1.6				
Amps @ 120VAC, 60Hz					3.8	5.5	5.5	
Amps @ 220VAC, 50Hz					2.0	3.0	3.0	
Amps @ 240VAC, 60Hz					1.9	2.8	2.8	
mA @ 24VDC								400
<b>Ozone Output:</b>								
Grams/Hour, 3% By Weight @ 4 SCFH			4.0					
Grams/Hour, 3% By Weight @ 8 SCFH			8.0					
<b>Pneumatics:</b>								
Oxygen Concentration @ max SCFH					90% @ 8	90% @ 15	90% @ 23	
Oxygen Concentrator Pressure (psi)					7	7	7	
Ozone Cell Pressure (psi)			5	5				
Ozone Measurement Range								0.00 to 0.50
Part Per Million (PPM)								
<b>Dimensions:</b>								
Height (inches)			20.50	20.50	15.50	21.50	21.00	2.50
Width (inches)			12.75	16.00	17.00	17.00	17.50	
Depth (inches)			5.50	7.50	16.00	16.00	11.25	
Diameter (inches)								5.12
Weight (lbs)			21	30	45	52	75	1
<b>Features:</b>								
Single Corona Discharge Reaction Chamber			*					
Dual Corona Discharge Reaction Chamber				*				
Breaker - Internal			*	*				
Auxiliary Power Output VAC			*	*				
Output Alarm Signal - Dry Contact (Volt Free)								*
Auxiliary Power Output - 24VDC			*	*				
Washer Input Signal - Dry Contact (Volt Free), VAC								
Room Alarm Input Signal - VAC, VDC, Dry Contact (Volt Free)				*	*			
Washer Alarm Input Signal - Dry Contact (Volt Free)								
Ozone "On Delay" Setting					*	*		
Ozone Output 4-20mA Control			*	*				
Ozone Output Manual Control			*	*				
LED Display			*	*				
Oxygen Flow Meter			*	*	*	**		
Oxygen Pressure Regulator				*	*			
Oxygen Pressure Gauge			*	*				



### ClearWater Tech, LLC

Ozone Systems for Water & Air Purification

800-262-0203 • 805-549-9724 • 850-E Capitolio Way, San Luis Obispo, CA 93401

e-mail: sales@cwtozone.com • www.ecotex.com • www.laundryozone.com • www.cwtozone.com

REV011007