



## MOBILE DISINFECTION CART



AGRI-FOOD



DAIRY FARMS



HATCHERIES/FISHERIES



CANNABIS GROW FACILITIES



ALL SURFACE CLEANING



Hose and wash gun not included

### APPLICATIONS:

- Seafood processing
- Wineries
- Breweries
- Cideries
- Cannabis Grow Facilities
- Bottled Beverages
- Surface sanitation of floors/walls
- Dairies
- Meat processing
- Poultry processing
- Food processing

### C1 MOBILE DISINFECTION CART

Food and beverage professionals understand the benefits of ozone as a disinfection tool and a safe organic solution that can replace traditional or harsh chemicals.

Designed specifically for clean-in-place and surface sanitation, the C1 mobile disinfection cart uses ozone-enriched cold water supplied at the rate and concentration you desire. Wash down floors, walls, process equipment, rinse barrels, tanks, and any surfaces with the push of a button.

The C1 mobile disinfection cart comes standard with a separately controlled ozone gassing feature. This supply of ozone gas offers you greater disinfection options and is typically used to gas and preserve stored barrels instead of Sulfur Dioxide.

In addition to ozonated water, ozone gas will help disinfect sealed containers or tanks, and work as a part of your environmental disinfection protocol. Further, the mobile cart comes standard with a separately controlled oxygen gas feature useful in micro-oxy applications.

### FEATURES:

- Easy to use push button controls – full system monitoring indicators
- Microprocessor controlled ozone system with built-in soft start and self-diagnostics
- Rotary vane booster pump – boosts low pressure water supplies for better coverage
- Ozone production up to 18 grams/hour via gas outlet
- Typical ozone dosage rate is 8.0 ppm at 10 gpm (higher flow with side stream)
- Separately controlled ozone and oxygen gas outlet (user programmable)
- Built-in oxygen concentrator delivering 93% oxygen at 15 SCFH
- ¾ FNPT inlet (optional front or back location) and outlet
- Welded stainless steel tubing frame and water safe stainless exterior
- Built-in tool basket
- Designed for easy service access or maintenance
- Critical parts are fully-contained for water safe operation
- Designed with low center of gravity, well-balanced, and a small footprint
- Ozone/oxygen gas flow meter

## C1 MOBILE DISINFECTION CART SPECIFICATIONS

Electrical	Main Power - GFCI protected	C1	110 VAC 60 Hz, 12 amps
		C2	220/240 VAC 50/60 Hz, 7 amps
	Power cord		10 feet
Ozone Gas Output	Ozone output via gas outlet		18 g/hr @ 12 SCFH oxygen, 4% by weight
Water Inlet	Water Inlet pressure (min-max) Water inlet temperature (min-max)		40 psi 50°F - 100°F
Ozone Water Output	Dissolved ozone water (max) @ GPM		8.0 ppm @ 10 GPM*
Water Supply Connections	Water inlet hose connection Dissolved ozone/water outlet		Tri-clover or 3/4" FNPT Tri-clover or 3/4" FNPT
Dimensions	54.3" h x 20.6" w x 26.3" d; weight: 160 lbs.		
Oxygen Gas Output	Oxygen output via gas outlet		90 +/- 3% @ 15 SCFH
Ozone/Oxygen Gas Outlet	Separately controlled Programmable Timers		Push connect fitting

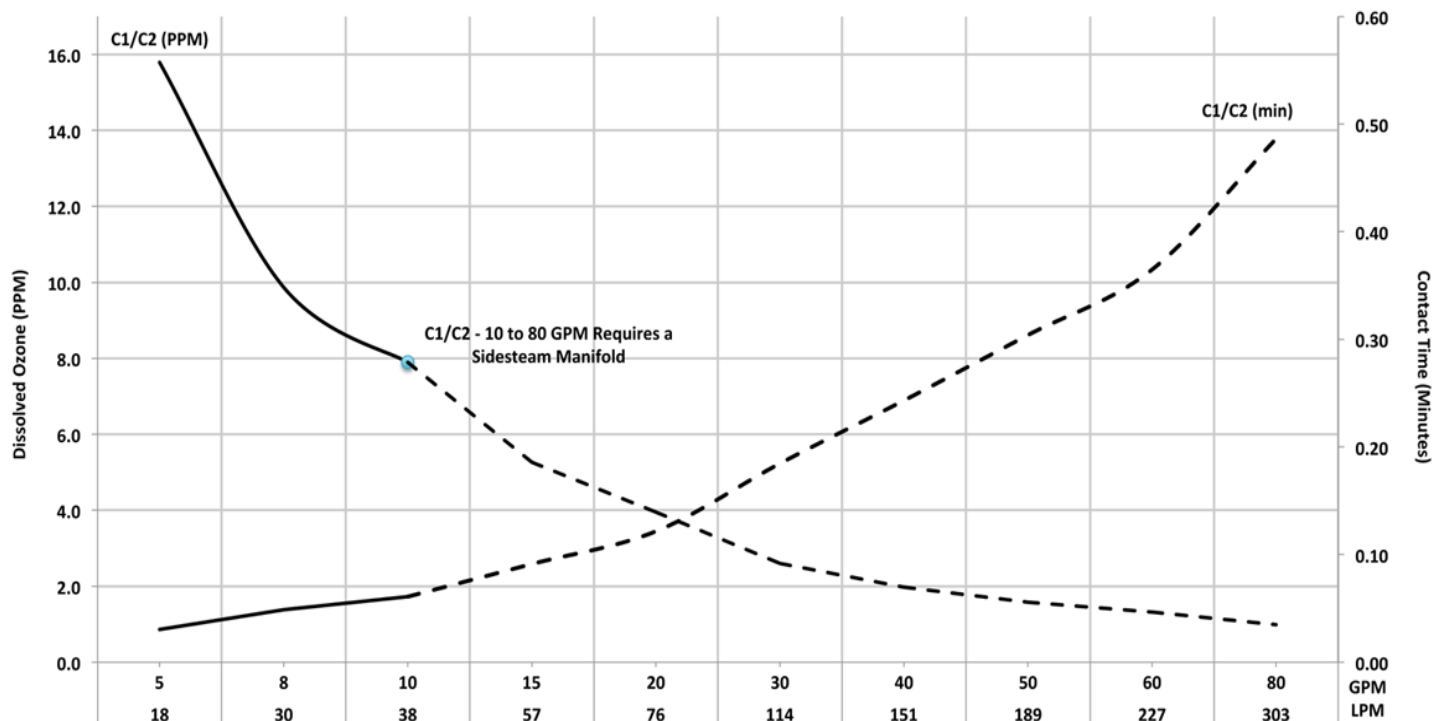
\*Anticipated results obtained at 7.5 pH, 70°F municipal water. PPM is stated at 100% mass-transfer.

### OPTIONS:

- Water hoses • Barrel washers • Tri-clover fittings • ORP monitor • Dissolved O<sub>3</sub> monitor • Ambient ozone monitor • Dissolved ozone test kit

### C-Series - Mobile Disinfection Cart Dissolved Ozone and Contact Time

A Ct-Value of 0.48 (at 25°C Water Temperature) can provide a 99.9% reduction of Giardia Cysts, and 99.99% reduction of enteric viruses, which will also provide destruction of Legionella, E.coli and other bacteria. Ct is based on Concentration (C) of dissolved ozone multiplied by Contact Time (t) in minutes (*Water Quality Association, 2007*).



**ClearWater Tech, LLC**

Ozone Systems for Water and Air Purification

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