

ClearWater Tech, LLC
HDO3 HIGH DISSOLVED OZONE SYSTEM



AGRI-FOODS



COMMERCIAL LAUNDRIES



FISHING VESSELS



BOTTLED WATER PLANTS



WINERIES



HDO3 High Dissolved Ozone System

The HDO3 series of clean-in-place sanitation systems for surface cleaning and disinfection represent the pinnacle in ozone mass transfer and efficiency with the strength of ozone, nature's powerful sanitizer.

Unlike traditional sanitizers, ozone is produced on-site with equipment that can easily be sized to meet any requirement. Ozone-enriched-water sanitizes surfaces on contact easily and safely, leaving no harmful residues in the water.

The HDO3 skids can achieve a higher level of mass transfer of ozone into solution. Water in, equals dissolved ozone out. The integrated PPM controller adjusts the output in real-time for precise applications. This skid has it all: complete wet-end for dissolved ozone delivery, complete oxygen air prep, controls/equipment, and the highest ozone output available.

APPLICATIONS

- Fishing Vessels
- Processing Plants
- Fish Markets
- Commercial Laundry
- Hard Surface Cleaning
- Clean-In-Place (CIP) Systems
- Fruit & Vegetable Rinse Systems
- Bottled Water Plants
- Larger Volume Water Stores
- Dairies

FEATURES

- Turn-key & pre-plumbed
- Stainless steel or powder coated steel construction
- Integrated dissolved ozone monitor
- Easy-to-read, panel mounted instrumentation
- Adjustable ozone output
- Air-cooled stainless steel ozone reaction chambers

BENEFITS

- Complete sanitation on contact
- Eliminates odors
- Powerful and safe oxidation
- Saves money – reduces or eliminates chemical use
- Saves time – produced on-site with no storage, mixing or handling of chemicals
- Sustainable - ozone reduces waste water pollutants



HDO3 Specifications

Unit	Grams Per Hour @ SCFH	Concentration By Weight @ Rated SCFH	PPM @ GPM	Max GPM @ PSI	Vacuum (-5 in Hg) Pressure (10 psi)	120V/60Hz, AMPS	220V/50Hz, AMPS, Single Hot Leg	Dimensions (Inches)			Wt. (lbs.)
								H"	W"	D"	
	Oxygen	Oxygen						H"	W"	D"	lbs
HDO3-I	8 @ 8	3.00	4.3 @ 8 (c)	8 @ 20 (b)	V	20.00 (a)	11.00 (a)	66.0	20.0	29.0	280.0
HDO3-II	20 @ 14	4.00	6.7 @ 13 (c)	13 @ 20 (b)	V	20.00 (a)	11.00 (a)	66.0	20.0	29.0	300.0
HDO3-III	30 @ 15	6.00	9.0 @ 13 (c)	13 @ 20 (b)	V	20.00 (a)	11.00 (a)	66.0	20.0	29.0	300.05

NOTES:

a - Amp rating is given with factory installed pump

b - Required flow rate through system for anticipated results. Higher flow rates require a sidestream to system

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



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Ozone Systems for Water & Air Purification

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