



Clean Water Made Easy
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ClearWater Tech HDO3 Systems Brochure 2008

Call Clean Water Systems for more
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Ozone Systems

from ClearWater Tech, LLC.

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HDO₃ Dissolved Corona Discharge



TYPICAL APPLICATIONS

- Laundry
- Hard Surface Cleaning
- Clean-In-Place (CIP) Systems
- Fruit & Vegetable Rinse Systems
- Bottled Water Plants
- Large Volume Water Stores

OPTIONAL EQUIPMENT

- Pressure reducer
- Ambient ozone monitor and alarm
- Catalytic ozone off-gas destruct

HDO₃ DESCRIPTION

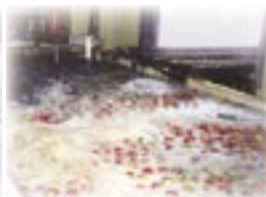
The HDO₃ (high dissolved ozone) systems are designed for efficient mass-transfer of ozone gas into solution. The systems are capable of achieving up to seven parts per million (ppm) of dissolved ozone and flow rates up to 150 gallons per minute (gpm). With three models to choose from, the HDO₃ systems can meet the challenge of many water treatment needs.

ALL HDO₃ SYSTEMS FEATURE:

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



Shown: HDO₃ II



"What's different about this ozone system is not only its simplicity, but also the fact that ClearWater Tech stands behind it 500%."

Thomas Shumsky, Dal Equipment, Inc., Philmont, N.Y.

HDO₃ Specifications Chart

	HDO ₃ I	HDO ₃ II	HDO ₃ III
GPM @ 1 ppm dissolved ozone*	24.5 gpm (92.7 lpm)	59 gpm (223 lpm)	150 gpm (568 lpm)
GPM @ 3.5 ppm dissolved ozone*	7 gpm (26 lpm)	16 gpm (60 lpm)	50 gpm (189 lpm)
GPM @ 4.5 ppm dissolved ozone*	N/A	13 gpm (49 lpm)	30 gpm * (113 lpm)
Max flow rate through HDO ₃	8 gpm (30 lpm)	13 gpm (49 lpm)	13 gpm (49 lpm)
Electrical	120 V/60 Hz, 20 amps 240 V/60 Hz, 10 amps	120 V/60 Hz, 20 amps 240 V/60 Hz, 10 amps	120 V/60 Hz, 20 amps 240 V/60 Hz, 10 amps
Water inlet connection	1 1/4" mpt	1 1/4" mpt	1 1/4" mpt
Water outlet connection	1" fpt	1" fpt	1" fpt
Height	66"	66"	66"
Width	20"	20"	20"
Depth	29"	29"	29"
Weight	280 lbs	300 lbs.	300 lbs.

*Anticipated results obtained at 7.5 pH, 70 °F municipal water. Maximum inlet water pressure 20 lb. per square inch (psi).