

ClearWater Tech, LLC
POE - POINT-OF-ENTRY OZONE SYSTEM



RESIDENTIAL WELLS



SURFACE WATER



WATER STORES



WASTEWATER RECYCLING



WATER BOTTLING LINES



POE10 Ozone Generator

APPLICATIONS

- Residential wells
- Water Stores
- Small Water Bottling Lines
- Wastewater Recycling Stores

BENEFITS

- Better sanitation - Complete disinfection on contact
- Eliminates odor & taste - Powerful, but safe oxidation
- Saves money- Reduces or eliminates chemical use
- Saves time- Disinfectant produced on-site, no storage, mixing, or handling of chemicals
- Protects the environment - Ozone reduces wastewater pollutants

POE - POINT-OF-ENTRY SKID MOUNTED OZONE SYSTEMS

The POE systems from ClearWater Tech are designed and engineered as complete turnkey solutions. These fully integrated ozone systems come pre-wired, pre-plumbed, and mounted on a powder-coated or stainless steel frame ready for installation.

Each system includes an ozone generator, booster pump, injection manifold and contact system all in one package. Standard equipment also includes a programmable on-delay timer which continues the ozone injection process after the well pump or main system shuts down. This safety feature eliminates the possibility of untreated water flowing down stream of the purification system.

Applications include residential wells, water stores, small water bottling lines, and wastewater recycling stores.

FEATURES

- Turn-key & pre-plumbed
- Powder coated steel construction
- Ozone generator with built-in air dryer
- Ozone injection system with contact tank
- Booster pump
- Re-circulation loop
- On-delay timer
- Back flow prevention



NSF International
 Water Quality
 Program Listed



POE SKID-MOUNTED SPECIFICATION

| | POE10 | POE12 |
|---------------------------|----------------------------|----------------------------|
| Dimensions (3) | 68" h x 29" w x 29" | 68" h x 29" w x 29" |
| Ozone Generator | CD10AD | CD12AD |
| Ozone Output | 1.3 gr/hr @ 4 SCFH dry air | 2.8 gr/hr @ 8 SCFH dry air |
| Amp. draw @ 120V/60Hz (5) | 8.6 amps | 13.2 amps |
| Amp. draw @ 240V/60Hz (5) | 4.3 amps | 6.8 amps |
| Amp. draw @ 220V/50Hz (5) | 4.6 amps | 7.4 amps |
| Air preparation | Dry air | Dry Air |
| Percent by weight | 1% | 1% |
| High temperature limit | Yes | Yes |
| 4-20 mA control | Yes | Yes |
| Manual variable | Yes | Yes |
| Max ppm @ gpm | .3 ppm @ 15 gpm | .7 ppm @ 15 gpm |
| Booster pump | 1/2 HP | 3/4 HP |
| Contact tank | 30 gal | 40 gal |
| Off gas vent | Yes | Yes |
| Timer control box | Yes | Yes |
| Circulation loop | Yes | Yes |
| Vacuum break | Yes | Yes |
| Water inlet connection | 1" fpt | 1" fpt |
| Water outlet connection | 1" fpt | 1" fpt |

NOTES:

3 -This is the unit size and weight only and is not the shipping size and weight. Dimensions are given in inches and decimals, weight in pounds

5 - Amp rating is given with factory installed pump

* - POE Skid is designed with a pump for recirculation purposes only. It is not intended to boost gpm downstream in the water train



ClearWater Tech, LLC

Ozone Systems for Water & Air Purification

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