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# ClearWater Tech Skid-Mounted Ozone Systems Brochure 2008

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# Ozone Systems

from ClearWater Tech, LLC.

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## Skid-Mounted Corona Discharge

ClearWater Tech's fully-integrated skids combine Mini Series or Wall-Mount ozone technology with the same air preparation and system control options offered on our larger units. Mounted on a powder coated steel skid, for installation and operating convenience all of these systems are pre-wired, pre-plumbed and come with pneumatic connections.

Enhanced with highly efficient electronics, the six units in our skid-mounted series provide an ozone output range of 1.3 to 20 grams per hour. All are built with the same quality materials and long list of safety features for which ClearWater Tech is known.

### TYPICAL APPLICATIONS

- Large Residential Pools
- Residential Well Water
- Commercial Pools
- Bottled Water
- Small Community Drinking Water
- Agriculture
- Commercial Aquariums
- Cooling Towers

### M-15/02 & CD15/02

#### DESCRIPTION

Self-contained, single reaction chamber, skid-mounted CD ozone systems.

#### DIMENSIONS

72" h x 26" w x 29" d, 210 lbs

#### OZONE OUTPUT

M-15/02 - 7.6 grams/hr @ 7 SCFH (PSA oxygen)

CD15/02 - 10 grams/hr @ 7 SCFH (PSA oxygen)

Shown: CD15/02 with optional booster pump



### P-20/02 & CD20/02

#### DESCRIPTION

Self-contained, dual reaction chamber, skid-mounted CD ozone systems.

#### DIMENSIONS

72" h x 26" w x 29" d, 225 lbs

#### OZONE OUTPUT

P-20/02 - 14 grams/hr @ 14 SCFH (PSA oxygen)

CD20/02 - 20 grams/hr @ 14 SCFH (PSA oxygen)

Shown: CD20/02 with optional booster pump



# Skid-Mounted Corona Discharge

The POE10 and POE15 from ClearWater Tech are self-contained ozone systems built from high quality, durable components. The "plug and play" design allows for ease of installation and ability to accommodate a wide variety of applications, including residential wells, water stores and wastewater recycling systems.



## ALL POE SYSTEMS INCLUDE:

- Ozone generator with air dryer
- Stainless steel pump
- Contact vessel
- Injector manifold
- Delay timer
- Backflow prevention
- Recirculation loop
- Off-gas vent
- SCFH flow meter

## TYPICAL APPLICATIONS

- Residential Wells
- Water Stores
- Small Water Bottling Lines
- Waste Water Recycling Systems



## POE10 & POE15

### DESCRIPTION

Self-contained, single reaction chamber, skid-mounted CD ozone systems. Includes an ozone generator with air dryer, injector, booster pump, vacuum break, contact vessel and off-gas vent. Also includes a time delay control that allows for adjustable ozone dosage control.

### DIMENSIONS

68" h x 29" w x 29" d, 200 lbs

### OZONE OUTPUT

POE 10 - 1.3 grams/hr @ 4 SCFH (dry air)  
POE 15 - 2.8 grams/hr @ 7 SCFH (dry air)

Shown: POE10

## Skid-Mounted Specifications Chart

	M-15/02	CD15/02	P-20/02	CD20/02	POE10	POE15
Amp. draw @ 120V/60Hz	N/A	N/A	N/A	N/A	8.6 amps	14.2 amps
Amp. draw @ 240V/60Hz	4.8 amps	4.8 amps	5.4 amps	5.4 amps	N/A	N/A
Air preparation	PSA Oxygen	PSA Oxygen	PSA Oxygen	PSA Oxygen	Dry Air	Dry Air
g/h @ SCFH	7.6 @ 7	10 @ 7	14 @ 14	20 @ 14	1.3 @ 4	2.8 @ 7
Percent by weight	3%	4%	3%	4%	1%	1%
High temperature limit	Yes	Yes	Yes	Yes	Yes	Yes
Vacuum switch protected	Yes	Yes	Yes	Yes	No	No
Dry contact control	No	Yes	No	Yes	Yes	Yes
ORP control	Yes	Yes	Yes	Yes	No	No
4-20 mA control	No	Yes	No	Yes	Yes	No
Manual variable ozone output	No	Yes	No	Yes	Yes	No
Water inlet connection	N/A	N/A	N/A	N/A	1" fpt	1" fpt
Water outlet connection	N/A	N/A	N/A	N/A	1" fpt	1" fpt