

# CDU-30 Ozone Destruct Unit



The CDU Ozone Destruct Device uses a simple design with all stainless steel and Teflon materials touching ozone gas. This provides excellent material compatibility and longevity. The ozone catalyst destruct unit will safely destroy ozone in gas flows both dry and wet.

## CDU TECHNOLOGY

Wet air is considered an off gas from ozone water systems or ozone process is considered an off gas from ozone water systems or ozone processes containing water. Ozone off-gas is commonly passed through the Catalyst Destruct Unit to safely remove ozone from the off-gas and catalyze to oxygen. As this gas is wet and humid a greater contact time between the catalyst material and gas stream is required. This results in a lower air flow rating.

Dry air is considered a part of an ozone process where ozone gas is produced from oxygen, or dry air and ozone destruction is necessary as part of that process.

## SYSTEM FEATURES

- 30 LPM in wet, off-gas applications
- 60 LPM in dry, off-gas applications
- The catalyst material used in the device is completely replaceable. Replacing the material is very simple, complete maintenance should take no longer than 30 minutes.

### Oxidation Technologies, LLC.

214 W Highway 18  
Inwood, IA 51240

(515) 635-5854  
Sales@oxidationtech.com  
www.oxidationtech.com



## CDU-30 OPTIONS

### Heater Element:

- For wet gas applications, or off-gas situations the CDU-30 must be equipped with the heater. This ensures the moisture in the air passes through the unit as a vapor.

### Wall Bracket:

- A wall bracket can be added for easy mounting to the wall.

### Water Trap:

- A water trap can be added as an option to remove bulk moisture. Large quantities of water can be safely drained and extend the life of the catalyst material.



## CARULITE 200

- The CDU units use Carulite 200 granular catalyst for ozone destruction.
- Carulite 200 is a safe material that is landfill approved and not considered a hazardous waste.



**Oxidation Technologies, LLC.**

214 W Highway 18  
Inwood, IA 51240

(515) 635-5854

[Sales@oxidationtech.com](mailto:Sales@oxidationtech.com)

[www.oxidationtech.com](http://www.oxidationtech.com)