

CDU-10K Ozone Destruct System – Integrated Blower

The CDU-10K-BL from Oxidation Technologies is a high-capacity, turnkey ozone destruct system engineered to safely neutralize ozone in large industrial gas streams before they are released to the atmosphere.

Designed to handle up to 350 CFM (10,000 LPM) of gas with ozone concentrations over 10% by weight, this self-contained skid includes an integrated industrial blower and heater, automated controls with safety alarms, and easy inlet/outlet connections for straightforward installation and operation.

Ozone is safely catalyzed using Carulite-200 Ozone Destruct Catalyst. A heater is used to maintain elevated temperatures of the Carulite-200 to prevent condensation of moisture on the media. The blower pulls gas through the CDU-10k under vacuum ensuring the blower is not exposed to high levels of ozone gas and pushes gas under pressure to vent to a safe location.



CDU TECHNOLOGY

This device incorporates a blower to flow gas through the CDU-10k. The CDU-10k uses a simple design with all the stainless-steel materials and carulite-200 catalyst touching ozone gas. This will provide excellent material compatibility and longevity. Replacing the catalyst material is very simple. A complete catalyst replacement kit is available that includes the required material, replacement screens and a new gasket.

APPLICATIONS

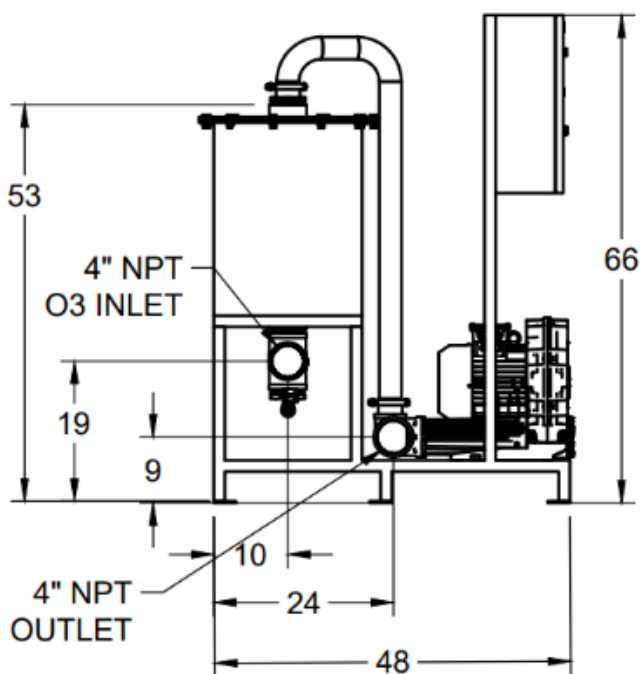
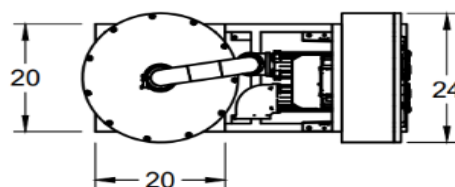
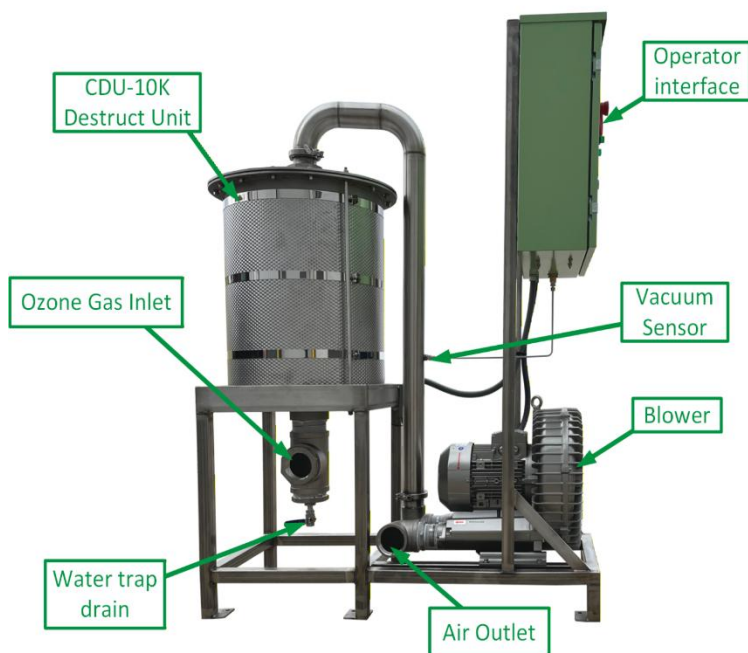
- Excess Ozone Off-Gas Destruction
- Fumigated Ozone Discharge
- Industrial & Water Treatment
- Remediation & Environmental Systems
- Food Storage & Air Handling



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SYSTEM FEATURES

- Turnkey for easy operation and installation
- Integrated industrial blower
- Built in heater to avoid condensation on catalyst
- Stainless steel chamber
- Automated controls
- Vacuum switch for fail-safe blower/airflow monitoring
- Floor mounting frame
- Configurable for 230 VAC or 460VAC, 3-phase power
- Accessible catalyst media for replacement with ease
- Optional upgrades: adjustable airflow (VFD), custom inlet/outlet fittings, & ozone analyzer



DIMENSIONS:

- 24" Wide x 48" Long x 66" Tall
- 4" FNPT Inlet & Outlet Connections
- Shell = 20" Diameter x 26" Tall
- Weight 750 lbs

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.

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