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Essential Equipment in the
EvacuBlast Cleaning System

Regeneration Oven

EB-9002

Part of the EvacuBlast
DPF Cleaning System



Scan to View System Video



Description

As **STEP 4** in the **EvacuBlast DPF Cleaning System**, the EvacuBlast 9002 DPF Cleaning Regeneration Oven is engineered to enhance the cleaning of Diesel Particulate Filters (DPFs) by converting wet soot and unburned hydrocarbons into removable ash through controlled baking. This oven is an essential component for any operation aiming to maintain DPF efficiency and longevity through safe and thorough regeneration.



Product Specs

SPECIFICATION	DETAILS
Dimensions	24 L x 24 W x 27 H
Weight	1,112 lbs
Power Requirements	208V 1pH 208V 3pH 240V 1pH 240V 3pH 480V 3pH
Capacity	3 DPFs
Cycle Time	4.5 hrs.

Key Features

- **Smart Temperature Control:**
The oven's controller is programmed to gradually increase temperature, preventing damage to the filter substrate.
- **Automated Monitoring:**
Equipped with smart technology, the system monitors the DPF during regeneration to prevent uncontrolled temperature spikes.
- **Pause Functionality:**
If the DPF's temperature rises excessively during its own regeneration, the oven pauses heating until temperatures stabilize, ensuring safety and filter integrity.

EvacuBlast Cleaning Process

**This equipment is used exclusively for Step 4 (Thermal Regeneration) in the 5-step EvacuBlast DPF Cleaning Process*

Step 1

INITIAL INSPECTION

We thoroughly inspect each filter for signs of external damage, contamination, and wear, identifying any issues that might affect performance.

Step 2

RECORD & DOCUMENT

We record initial airflow, weight, and condition to create a baseline, ensuring clear tracking of improvements throughout the cleaning process.

Step 3

BLAST CLEANING

Using high-pressure compressed air, we carefully dislodge large soot and ash particles from the filter, preparing it for deeper cleaning.

Step 4

THERMAL REGENERATION

The filter is heat-treated at controlled temperatures to burn off remaining fine particulates, ensuring thorough decontamination.

Step 5

COOLING & FINAL CHECK

After cooling, we perform a final airflow test, weight, and structural check to confirm that the filter meets performance standards.

Warranty

At Enviromotive, we stand behind the quality of our parts. All of our diesel emission products, including Diesel Particulate Filters (DPFs), clamps, gaskets, sensors, and accessories, are backed by a limited warranty against defects in materials and workmanship. This warranty covers the replacement or repair of defective parts under normal use and service conditions. Warranty coverage varies by product—please contact us for specific terms and conditions. Contact us for a warranty claim at (800) 954-8265 or TechSupport@Enviromotive.net