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Essential Equipment in the  
EvacuBlast Cleaning System

# Regeneration Oven

EB-9002-7

Part of the EvacuBlast  
DPF Cleaning System



Scan to View System Video



## Description

As **STEP 4** in the **EvacuBlast DPF Cleaning System**, the EB-9002-7 XL EvacuBlast Oven is our largest and most advanced regeneration system, featuring HD fiber wall technology for faster cooldowns and a cool-to-touch exterior. Smart temperature control, automated monitoring, and Wi-Fi connectivity ensure safe, precise regeneration cycles for any DPF, while reinforced stainless construction adds long-term durability.



## Product Specs

SPECIFICATION	DETAILS
Dimensions	45 L x 45 W x 47 H
Weight	2,700 lbs
Power Requirements	208V 1pH   208V 3pH   240V 1pH   240V 3pH   480V 3pH
Capacity	14+ DPFs & most SCR's
Cycle Time	4.5 hrs.

## Key Features

- **HD Fiber Wall Technology:**  
Enables faster cooldowns and remains cool to the touch during operation.
- **Smart Temperature Control:**  
Gradually increases heat to protect the DPF's internal structure.
- **Automated Monitoring:**  
Prevents temperature spikes by adjusting heat in real time during regeneration.
- **Pause Functionality:**  
Automatically pauses heating if the DPF self-regenerates beyond target temperature.
- **Touchscreen Interface:**  
Simplifies troubleshooting and allows easy programming for any DPF type.
- **Wi-Fi Enabled:**  
Supports offsite monitoring of heating cycles.

## 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