

Heavy Duty Particulate Filter Cleaning System(s)

Individual Equipment - Evacublast and Evacubake

Part Number	Description	Size	Power Spec
EB-9001	EvacuBlast	48" X 48" X 76"	110V
EB-9002-208	EvacuBurn Small	24" X 24" X 27"	208V
EB-9002-240	EvacuBurn Small	24" X 24" X 27"	240V
EB-9002-480	EvacuBurn Small	24" X 24" X 27"	480V
EB-9005-208	EvacuBurn Medium	24" X 24" X 36"	208V
EB-9005-240	EvacuBurn Medium	24" X 24" X 36"	240V
EB-9005-480	EvacuBurn Medium	24" X 24" X 36"	480V
EB-9006-208	EvacuBurn Large	24" X 36" X 36"	208V
EB-9006-240	EvacuBurn Large	24" X 36" X 36"	240V
EB-9006-480	EvacuBurn Large	24" X 36" X 36"	480V
EB-9007-208	EvacuBurn X-Large	36" X 36" X 48"	208V
EB-9007-240	EvacuBurn X-Large	36" X 36" X 48"	240V
EB-9007-480	EvacuBurn X-Large	36" X 36" X 48"	480V

Combination Packages - Evacublast and Evacuburn

Part Number	Description	Oven Size	Power Spec
EB-9102-208	Evacublast & Evacuburn Small	24" X 24" X 27"	208V
EB-9102-240	Evacublast & Evacuburn Small	24" X 24" X 27"	240V
EB-9102-480	Evacublast & Evacuburn Small	24" X 24" X 27"	480V
EB-9105-208	Evacublast & Evacuburn Medium	24" X 24" X 36"	208V
EB-9105-240	Evacublast & Evacuburn Medium	24" X 24" X 36"	240V
EB-9105-480	Evacublast & Evacuburn Medium	24" X 24" X 36"	480V
EB-9106-208	Evacublast & Evacuburn Large	24" X 36" X 36"	208V
EB-9106-240	Evacublast & Evacuburn Large	24" X 36" X 36"	240V
EB-9106-480	Evacublast & Evacuburn Large	24" X 36" X 36"	480V
EB-9107-208	Evacublast & Evacuburn X-Large	36" X 36" X 48"	208V
EB-9107-240	Evacublast & Evacuburn X-Large	36" X 36" X 48"	240V
EB-9107-480	Evacublast & Evacuburn X-Large	36" X 36" X 48"	480V

Accessories

Part Number	Description	Size	Power Spec
EB-9003	Soot Scale	15.7" x 24.4" x 33.9"	110V
EB-9004	DPF Inspection	24" x 30" x 48"	110V

Shipping Information

Part Numbers	Description	Freight Estimates	Shipping Dimentions	Shipping Weight
EB-9001	EvacuBlast	\$	48x48x79	680lb
EB-9002	EvacuBurn Small	\$	50x50x54	786lb
EB-9005	EvacuBurn Medium	\$	50x50x63	921lb
EB-9006	EvacuBurn Large	\$	50x62x63	1116lb
EB-9007	EvacuBurn X-Large	Call for an estimate and EvacuBurn X-Large information.		
EB-9003	DPF Soot Scale	\$	12x35x18	32lb
EB-9004	DPF Inspection	\$	28x30x48	193lb

Evacublast & Evacuburn

A Performance Oriented, Cost Effective DPF Cleaning Solution

The Evacublast cleaning system utilizing "Dual Force" technology is the most effective DPF cleaner on the market. The "Dual Force" process combines compressed air and intense vacuum simultaneously and forces the contaminated soot from the filter cells into a container located in the bottom of the cabinet. The Evacublast has a built in pressure differential test system to evaluate the filter before, during, and after the cleaning process. Every filter application will have a unique flow pattern causing soot to load inside the filter differently. The Evacublast system allows the operator to focus on the dirtiest areas of the filter, consistently providing cleaning efficiencies of over 95%.



For a digital copy of (AN#070912-000202DP) this flyer use a QR-code reading scanner. You will be directed to an online download center.

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Evacublast



The Evacublast is a manual DPF cleaning machine. Manual DPF cleaners cost less and consistently deliver higher cleaning efficiencies than automated machines. Why?

- Automated machines waste time cleaning areas that aren't dirty, and don't spend enough time cleaning the areas that see the majority of particulate dispersion. (See example below).
- The only system in the industry that has "Dual Forced" air pressure.
- Able to focus on the dirtiest part of the filter until it is cleaned properly.
- The most thorough and cost effective DPF cleaning machine on the market.
- Turn key operation: no need for additional compressors or specialized equipment.
- Cleans every DPF on the market.

Evacuburn

- The EvacuBurn DPF cleaning oven:
- Not to be confused with a "regenerator," the EvacuBurn heats filter substrates in pre-programmed cycles utilizing preset temperature points. The EvacuBurn senses when a filter is undergoing a regeneration period and stops adding any additional heat. When temperatures drop inside the EvacuBurn the normal cycle resumes. This unique feature gradually builds the temperatures inside the DPF allowing for any excess oil to be "sweat out."
- The EvacuBurn programming eliminates the possibility of causing an uncontrolled regeneration that creates catastrophic filter failure.
- Delivered programmed and ready to go, the EvacuBurn requires pressing a single button to start the custom cleaning cycle.



The Inspector

The inspection / flow meter system measures flow before and after the cleaning of any emission control device and allows the operator to test and record the backpressure and deliver real time data. It is also equipped with a light system that tests the filter substrate for any cracks, melting, or damage.

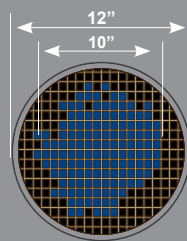
- Test before and after cleaning measurements for a real time %increase in exhaust flow.
- Lighting system helps operator test for cracks or damage.
- Universal mounting tray allows for testing of any DPF.



Soot Scale

The Soot Scale is designed to measure exactly how much ash comes out of each and every filter you clean. Know exactly how much ash was removed from your filter (in grams).

- Capable of testing filters up to 165 lbs.
- Combining the soot scale with the flow meter provides useful data regarding the cleaning cycle performed on the unit.



Total volume of 12" x 12" filter: 22.23L
Volume that sees 70% of soot dispersion: 15.43L
Volume that automated machines spend unnecessary time on: 6.8L or 30% of the filter volume.

Let's use a C-15 with 5 inch pipe (diameter) and a 12 inch DPF (diameter) as an example:

- To see even dispersion of the exhaust stream mix across the entire 12 inches of filter diameter would require a dispersion inlet cone that was roughly 3 feet long. Because system inlet cones range from 6-14 inches a 12 inch DPF would see the majority of its particulate accumulation occur in the middle 10 inches of filter diameter.
- We recognized this and found that we could see more effective cleaning results by using a manual machine that allowed the operator to visually assess the dirtiest areas of the filter and focus on cleaning them more.

