

## The CleanAIR AeroCLEAN™

*Cleaning System for use with PERMIT™ Filters*

Diesel exhaust filters, such as CleanAIR's PERMIT™ Filter, not only capture over 85% of diesel particulate matter (PM) but also collect ash produced due to the burning of engine oil. This noncombustible ash accumulates inside the walls of the filter and periodically must be removed to maximize filter life.

The AeroCLEAN™ System is a safe and effective method for quickly cleaning this accumulated ash and PM from PERMIT™ Filters. The system works by using fluid energy from compressed air to dislodge the material collected in the filters during engine operation. A series of four quick bursts will ensure that the PERMIT™ Filter is completely cleaned. Disposable bag elements within the AeroCLEAN™ capture the dislodged ash and particulates. After use, the bag elements can be easily removed and replaced.

With the AeroCLEAN™ a filter is cleaned and ready for use within 15 minutes. This fast, efficient cleaning system does not require heat or electricity. Just connect to a compressed air source to begin operation.

In addition, the AeroCLEAN's™ non-thermal cleaning method will not melt or crack the PERMIT™ Filter. Through regular, scheduled maintenance, filters are kept free of ash build-up, thereby reducing accumulated back pressure.

Using the AeroCLEAN™ System is a successful technique to extend the life of your PERMIT™ Filter.

***Cleans Non-combustible Ash Build-up  
for Use with PERMIT™ Filters***

### Cleans Filters Fast

- 15 minutes or less for fast, efficient cleaning
- Extends the life of the filter
- Non-thermal cleaning method
- Will not crack, melt or damage PERMIT™ Filters
- Safely collects dislodged ash and PM in replaceable, disposable filter bags
- Does not require electricity

### Guaranteed Long-Life Construction

- Durable Product Manufacturing for Operation Under Extreme Conditions

### No Health Risk

- Non-thermal cleaning method – reduces chance of serious injury that may occur with high-temperature, thermal cleaning

#### AeroCLEAN™ Charging Rates

Air Storage Tank: 30 gallons

Air Compressor Rating	Approximate Charge Time
SCFM @ 100 psi	In Seconds
2.5	96
5.0	48
7.5	32
10.0	24
20.0	12

#### The AeroCLEAN™ Product Specifications

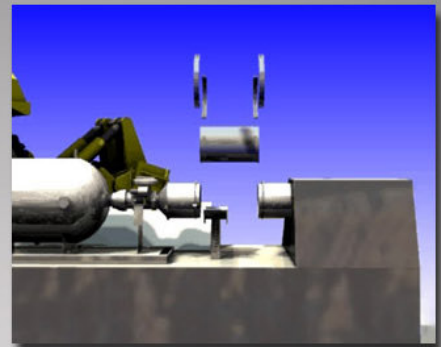
Air Pressure	100 psi maximum recommended
Charging	¼" industrial air hose coupler with ¼" NPT threaded end
Controls	Manual quick-release valve
Capacity	Adjustable tray for accommodating the following PERMIT™ Filters: F..108, F..126, F..135, F..158, F..180 and F..225
Bag Elements	Replaceable and disposable
Dimensions	103" length x 53" height x 37" depth
Weight	1350 pounds

### Optional Equipment:

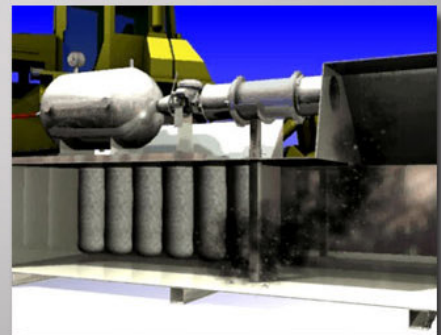
- Extra Filter Cleaning Bags
- Replacement Clamps
- Neoprene Filter Gaskets

To submit an online Request for Pricing, go to:  
[www.cleanairsys.com/rfp.asp](http://www.cleanairsys.com/rfp.asp)

## Cleans Non-combustible Ash Build-up!



*Filter with clamps being placed into AeroCLEAN for cleaning.*



*Cut-a-way view showing inside of AeroCLEAN during cleaning process.*

**CleanAIR  
SYSTEMS**

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