

# AeroCLEAN™

## For Use with PERMIT™ Filters

### The AeroCLEAN™ Advantage:

- 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

### Applications:

- CleanAIR PERMIT™ Filter

### The CleanAIR™ Difference:

- Custom Engineering and Design
- Integrated Manufacturing
- Durable Product Manufacturing for Operation Under Extreme Conditions

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# CleanAIR

## SYSTEMS

### The AeroCLEAN™ - Cleaning System for 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.



The AeroCLEAN™

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

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](#).

The AeroCLEAN™ Product Specifications	
Air Pressure	100 psi maximum recommended
Charging	1/4" industrial air hose coupler with 1/4" 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