

# Phoenix Guardian HEPA System<sup>™</sup>

## Performs Several Critical Air Quality Remediation Functions Simultaneously

The Phoenix Guardian HEPA System<sup>™</sup> was the first portable air scrubbing device designed exclusively for the restoration industry. The Guardian can perform several critical air quality remediation functions simultaneously.

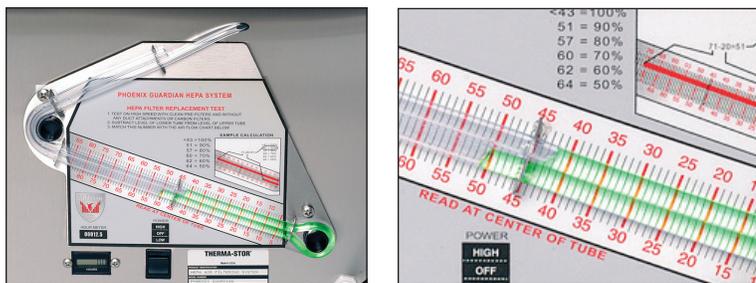
The Guardian HEPA System<sup>™</sup> captures virtually all removable airborne particles. The optional 4-stage absorption filter contains a blend of activated carbon and potassium permanganate to remove airborne odors and chemicals.

The true 1400 cfm capacity of the Phoenix Guardian HEPA System<sup>™</sup> will perform one air change of a 12 x 14 foot room in less than a minute. In order to be effective, an air scrubber should be able to perform a minimum of four air changes per hour. Therefore, a single Guardian can be expected to control up to 21,000 cubic feet.

The Guardian's high airflow and multiple ducting options allow for the combination of negative or positive air flow control of an area and containment air scrubbing at the same time. This provides the unique ability to continually filter the indoor air and depressurize the damaged site to prevent the spread of contamination simultaneously.

The Guardian's intake will accept either 18" flex-duct or 12" flex-duct with the included adapter, to pressurize areas for protection from contamination or to draw contaminated air from areas that are difficult to access or too small to accommodate an air scrubbing device.

Every Guardian HEPA System<sup>™</sup> comes with one 14" lay-flat duct ring, for 100% negative air operation, and two 10" lay-flat duct rings for a combination of negative air, air scrubbing or positive airflow.



The built-in manometer provides precise measurement of air-flow through the HEPA filter and aids in determination of HEPA filter replacement intervals.



### Features

- 2-Speed operation (1400-900 CFM)
- Multiple ducting options
- Built-in manometer
- Only 12 amps
- Stainless steel cabinet
- Optional fourth stage carbon filter
- Wheeled cart design



The HEPA filtration system removes virtually all removable airborne particles.

## Phoenix Guardian HEPA System<sup>TM</sup>

### Specifications

<b>Part No.</b>	4024848	
<b>Power</b>	12 amps, 110-120 VAC, Grounded	
<b>Blower</b>	2-Speed High: 1400 CFM* w/o external duct Low: 900 CFM* w/o external duct	
<b>Filters:</b>	24" x 24"	
	1-stage	1" Spun Polyester
	2-stage	2" Pleated Media
	3-stage	12" V-bank HEPA
(optional)	4-stage 2" Carbon and Potassium Permanganate	

**Warranty** One Year, 100% Parts and Labor

### Dimensions

Width	25"	29"
Height	39"	45"
Depth	25"	28"
Weight	121 lbs	155 lbs

### Popular Accessories And Replacement Filters

4024750	12" x 25' In-take Flex Duct
4023643	18" x 25' In-take Flex Duct
4024935	10" x 250' Lay-flat Duct
4024936	14" x 250' Lay-flat Duct
4023374	24" x 24" x 1' Polyester Pre-Filter
4023375	24" x 24" x 2" Pleated Pre-Filter
4023244	24" x 24" x 12" V-Bank HEPA Filter
4023487	24" x 24" x 2" Carbon Filter
4024764	24" x 24" x 2" Carbon Filter Frame
4030115	Reed LM 8000 Multi-Function Meter
4024528	Carbon/Potassium Permanganate media, five-gallon bucket (30 lbs)

ETL Listed



\*Delivered air flow w/3-stage clean filter operation.

### Multiple Ducting Options For Intake and Exhaust



### Optional Activated Carbon & Potassium Permanganate Filtration

The Guardian Carbon Filter Frames are an improved way to provide gas and odor filtration. The 20-gauge galvanized metal frames are available in 24" x 24" x 2" (Part No. 4024764) for the Guardian HEPA System<sup>TM</sup>. The Carbon and Potassium Permanganate media to fill the frames is available in 30 pound buckets (Part No. 4024528).

There are several advantages to using the Carbon Filter Frames instead of manufactured carbon filters:

- The media will stay "fresher" stored in the 5 gallon bucket.
- Loading the filter by the job provides the opportunity to adjust the amount of media for the specific job.
- Substantial savings are realized by using the filter frame over manufactured carbon filters.
- Replacement foam liners and honeycomb inserts are also available.

