

Phoenix: Guardian HEPA System Air Scrubber Air Scrubber



Model : Guardian HEP

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Manufacturer : Therma-Stor

Phoenix Guardian HEPA System

True 1400 CFM Air Scrubber

The Phoenix Guardian HEPA System 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 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 will clean 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 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.

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. The Carbon and Potassium Permanganate media to fill the frames

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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.

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

Phoenix 200 HT Specifications

Part No.:
4024848

Power:
12 amps, 110-120 VAC, Grounded

Blower:
2-Speed
High: 1400 CFM* w/o external duct
Low: 900 CFM* w/o external duct

Filters:
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

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Warranty:
One Year, 100% Parts and Labor

Dimensions

Machine
Shipping

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

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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

4024440
Kestrel 3000 Multi-Meter

4024528
Carbon/Potassium Permanganate media,
five-gallon bucket (30 lbs)

Literature (PDF)

- Spec Sheet
- Manual

Price : \$1,427.00

Availability: This product was added to our catalog on Sunday 06 February, 2005