

Phoenix Guardian R HEPA System 50Hz

The Most Portable HEPA System on the Market

Lightweight, Powerful, Portable and under 1.2 Amps.

The Phoenix GuardianR HEPA System brings maximum compactness and portability to Phoenix's Guardian series of high performance HEPA air scrubbers. Featuring a durable, lightweight, and stackable roto-mold cabinet, the GuardianR is the most portable HEPA system on the market today.

Weighing just 15kg (33lbs.) and having a 56cm x 61cm (22"x24") footprint, the GuardianR is over 30% lighter and over 7000 cm³ smaller than competitive units. The GuardianR features a powerful variable speed impeller with a maximum airflow over 825 m³/hr (485 CFM), while drawing only 1.2 amps – making it the perfect unit for remediation projects where space and power are at a premium. The GuardianR will filter the air in a typical 5m x 5m room (60 m³) in less than 5 minutes and perform 4 air changes per hour (ACH) on over 200 m³. The Guardian R can be operated horizontally where it's large, duct opening maximizes the particle capture zone or vertically for space-saving negative air applications. The GuardianR's detachable outlet duct ring makes attaching lay flat quick and simple.

The Guardian R features true HEPA performance with its 2-stage filtration design, utilizing a pleated pre-filter and a certified HEPA media filter with 30% more surface area than competitive units. This insures more air flow and longer HEPA filter life while removing virtually all hazardous particles from the air. Carbon and potassium permanganate filter options can also be added to absorb a wide range of odors and gases.



The Guardian R's horizontal opening duct maximizes the filtration capture area.



Xactimate Code:
WTRNAFAN

Features

- Up to 825 m³/hr (485 CFM) airflow;
- 1.2 amps
- Compact design
- Variable speed flow
- Multiple ducting options
- Tough, rotomold cabinet
- Optional carbon/potassium permanganate blend filter
- Large horizontal inlet maximizes capture zone
- 30% more filter media maximizes filter life
- True HEPA filtration with 2-stage filtration design



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Phoenix Guardian R HEPA System[™]

Specifications

Part No.	4031040	
Power	230/50Hz, 1.2 amps	
Blower	825 m3/hr (485 CFM)	
Filters:	1st stage	2.5 cm (1") Pleated Media, 46 cm x 46 cm (18" x 18")
	(optional)	2.5 cm (1") Carbon and Potassium Permanganate
	2nd stage	6.35 cm (2.5") Pleated HEPA 46 cm x 46 cm (18" x 18")
Warranty	One Year, 100% Parts and Labor	
Dimensions	Width	56 cm (22")
	Height	36 cm (14")
	Depth	61 cm (24")
	Weight	15 kg (33 lbs)

Popular Accessories And Replacement Filters

4031878	Air Filter, Disposable Carbon/ Potassium Permanganate
4028357	Duct, Flex, 16" x 25'
4024935	Duct, Lay Flat, 10" x 250'

Optional Activated Carbon & Potassium Permanganate Filtration

Optional gas phase filters are available from Phoenix that use a blend of activated carbon and potassium permanganate. This blend removes the vast majority of contaminants encountered in most filtering applications. The activated carbon removes the heavier volatile organics while the potassium permanganate removes lower molecular weight contaminants. This is well suited to the smoke odors present after fire damage.

The life of the media blend depends upon both the hours used and the contamination level. Another advantage of the blended media versus activated carbon only is that part of the blend changes color as it loads up with contaminants. It starts out black, then turns pink, then brown, and finally white. It is best changed when it passes the brown stage and begins to turn white because it has lost most of its effectiveness at that point. This allows the operator to check the media color through the inlet of the unit without removing the top.



Outlet ducting option available.

ETL Listed



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Specifications subject to change without notice.