

# PUREAIRO SENTINEL HEPA 550

## APPLICATION

PureAiro Sentinel HEPA 550, a versatile air scrubber and negative air machine that can effectively complete your water damage restoration tasks, mold remediation works, fire damage restoration, dust control, odor control and sewage remediation.

**Water Damage** In a standard Category 1 water damage situation, place the CleanShield PureAiro Sentinel HEPA 550 in the middle of the affected area. Airmovers can stir up particles into the air. The HEPA 550 can reduce particle levels by filtering the air in the restoration process.

**Mold Remediation** In most cases, the remediation process requires affected area to be well sealed. Space sealing prevents the spread of mold spores and dust.

Professionals with specialized remediation techniques use the PureAiro Sentinel HEPA 550 can bring about a striking effect of air cleaning.

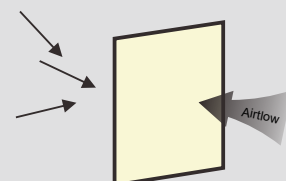
Formally trained remediation professionals Run the PureAiro Sentinel HEPA 550 as a negative air machine without interruption for the duration of every remediation job. The HEPA 550 can filter up to 99.96% of particles with 0.3 microns or larger size, such as mold spores and fungi.

**Manifold Filters** Besides the standard prefilter and HEPA filter, PureAiro Sentinel HEPA 550 also equipped with activated carbon filter which is able to capture a wide variety of volatile organic compounds (VOCs), including soot and smoke, food odors, fumes from paint and paint thinners, sewer odors, and many other compounds. Individually wrapped filters with pellets ensure the maximum airflow and maximum contact while minimizing filter dust.

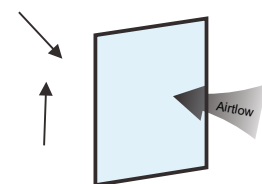


**CADR: Volume of cleaner air delivered per minute**

The highest CADR numbers belong to air scrubbers that combine high filtration efficiency, high airflow, and low pressure drop.



Airflow: 450CFM  
Filtration Efficiency: 0%  
CADR: 0CFM



Airflow: 450CFM  
Filtration Efficiency: 80%  
(low pressure drop)  
CADR: 360CFM



Airflow: 450CFM  
Filtration Eff: 99.97% (True HEPA)  
(low pressure drop)  
CADR: 450CFM

## PROVEN PERFORMANCE

The PureAiro Sentinel HEPA 550 air scrubber, with the smallest and lightest design, is unbeatable compared with other brands in removing airborne miscellaneous debris at 0.3 microns in size including pollen, plant spores, mold spores, pet dander. Pre-filter, HEPA filter and activated carbon filter are all adopted in the PureAiro Sentinel HEPA 550. The PureAiro Sentinel HEPA 550 is absolutely powerful in cleaning contaminated air with prefilter and activated carbon filter capturing larger particles and the HEPA filter drawing in smaller particles.

PureAiro Sentinel HEPA 550 is capable of cleaning air horizontally and vertically with electricity consumption no more than 0.6-0.9 A. PureAiro Sentinel HEPA 550 can produce 200-400 CFM airflow volume at its peak, which virtually adsorbs all hazardous particles from the air.

During restoration work and drying after water damage, the driving airflow can stir up particulates and particles adhering to the carpet or other materials. Then those dirty particles can be filtered by the device with the clean, odor-free air.

## REPLACEMENT PARTS

1. Switch, On-Off-On
2. Outlet, 15A
3. Grill Exhaust
4. Blade & Motor
5. Pre-Filter
6. Activated Carbon Filter
7. HEPA 550 Filters
8. LayFlat Ducting
9. Sto & Go Vortex Ducting

## KEY DESIGN FEATURES

- Indicates when primary (HEPA) filter needs to be changed
- Size 2 in" Smaller than competitive units
- Weighs 6.0 lbs less than competitive units
- More Effective than competitive units
- Long-life Maintenance free Bearing Motor
- Low noise, quiet operation
- Both Inlet and outlet can be ducted



## APPLICATIONS

Restoration Works

Confined Areas

Construction Sites

Crawl Space & Basement

Fire Departments

Industrial Cleaning

5Dust Control

Odor Control

Tunnels

Grinding Works

Welding Booths

Sewage Remediation

## FEATURES

Weighs 6.0 lbs less than competitive units	✓
Size 2 in" Smaller than competitive units	✓
More Effective than competitive units	✓
Less than 0.6-0.9A on High Speed	✓
Power- on indicator light	✓
Filter change light	✓
25 ft AC cord with cord management	✓
Units interlock for ease of stacking during storage and handling	✓
Over 550 CFM on high	✓
Maintenance free Bearing Motor	✓
Rotomolded polyethylene Housing	✓

## SPECIFICATIONS

Power	220 VAC, 50 Hz, 0.9 Amps
Duct sizes Intake	400
Duct sizes Outlet	200
Power Cord	7m
Weight	18KG
Airflow Range	450CFM
Sound Pressure Level	65 DBA
Filters	HEPA Filter Pre Filter Carbon Filter
UVC-Light	No
Dim(WxHxD)	630 x 550 x 370mm