



5 IN 1 HEPA

PORTABLE TRUE HEPA AIR CLEANER WITH ULTRAVIOLET LIGHT AND PHOTO CATALYTIC FILTER

The FSP900 Portable True HEPA Air Cleaner by Five Seasons offers 5 in 1 air filtration with UVC. It uses a combination of HEPA, UVC Light (non ozone producing) and Photo Catalytic Oxidation. Ideal for residential and light commercial applications where there are new construction odors, smokers, pets, cooking odors, water and sewer damage.

STANDARD FEATURES

- Carbon Prefilter protects the HEPA filter by capturing, hair and larger particles.
- Long-life, 99.97% HEPA Media Filter captures particles 0.3 micron (1/84,000 of an inch) and larger.
- Two UVC Lights are enclosed in a reflection chamber which intensifies the UV rays.
- The Unique Photo Catalytic Oxidation Filter (PCO) has a very high surface exchange capability and allows UV light into the mass of the material — means there is absorption throughout the whole filter instead of just on the surface. The combination of the UVC light and the filter decomposes organic materials into basic molecules such as H₂O and CO₂.
- Carbon/Potassium Permanganate Final Filter for removal of Volatile Organic Compounds (VOC's) and light gases.
- Powerful, variable speed European motor delivers up to 425 m³/hr of pure air.
- Plug-in Power Cord provides convenient electrical connection.
- Castors allow easy maneuvering from room to room.



CABINET CONSTRUCTION FEATURES

- Sleek looks that are aesthetically pleasing, blend nicely with any décor.

5-YEAR LIMITED WARRANTY

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SPECIFICATIONS

MODELS	FSP900	
Air Flow: Variable Speed Control	Up to 250 CFM	Up to 425 m ³ /hr
Carbon Prefilter: DM900-0855 Removes lint and large particles	Replace every 3-6 months	
Long-Life, 99.97% HEPA Media: DMH40400 Removes pollutants 0.3 micron	40 ft ² Replace every 2-4 years	3.7 m ² Replace every 2-4 years
UVC Light: DM900-0191 Strongest UV light intensity	2 Bulbs Replace every 13,000 hours or 2-3 years	2 Bulbs Replace every 13,000 hours or 2-3 years
2 Substrate PCO Filter: DM900-0450 Removes Volatile Organic Compounds (VOC's)	Replace every 13,000 hours or 2-3 years	Replace every 13,000 hours or 2-3 years
Carbon/Potassium Permanganate Final Filter: DM900-0810 Removes VOC's and light gases	Replace every 1-2 years	Replace every 1-2 years
Complete 2-3 Year Maintenance Kit: DM900-1003 Contains 1 HEPA Filter, 4 Carbon Prefilters, 2 UVC Lamps, 1 Photo Catalytic Oxidation (PCO) Filter, 2 Carbon/Potassium Permanganate Final Filters, gloves	Replace every 2-3 years	Replace every 2-3 years
Cabinet Dimensions: H x W x D	29.5 x 16.25 x 12.75 in	74.9 x 41.3 x 32.4 cm
Input Voltage	110 V / 60 Hz	110 V / 60 Hz
Power Consumption	180 watts	180 watts
Power Cord	10.0 ft	10.0 ft
Unit Weight	47 lbs	21.3 kg

HOW IT WORKS:

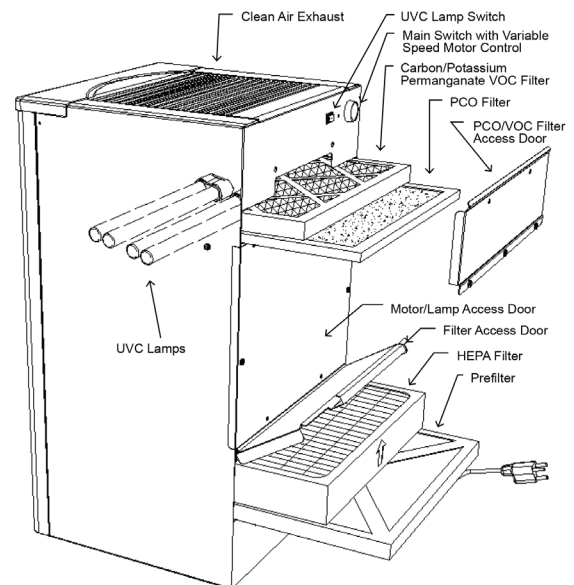
The air passes through a pleated Carbon Prefilter which captures lint and large particles to extend the life of the HEPA filter.

Smaller particles then pass through a long-life, 99.97% HEPA (High Efficiency Particulate Air) Media Filter which captures particles 0.3 micron (1/84,000 of an inch) and larger.

The cleaner air passes through a reflection chamber where two Ultraviolet Lamps emit powerful UVC light rays. These are non-ozone producing lamps. The Ultraviolet Lights are also used to activate the unique Media located below the UVC lamps.

The Photo Catalytic Oxidation (PCO) Filter is a quartz media that is combined with a UVC light that helps to decompose organic materials reducing odors and VOC's.

Then the air goes through a Carbon/Potassium Permanganate Final Filter and air is discharged.



Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations. Performance of the Air Cleaners will depend on house plan design, duct design and heating/cooling equipment.

Five Seasons
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