

# Wildfire Smoke is Affecting More Individuals Than Ever Before

Mitigate Wildfire Smoke with Effective Air Quality Solutions

The recent wildfires in the Los Angeles area have once again highlighted the growing challenges posed by increasingly frequent and severe wildfires. These devastating events not only consumed large areas of land but also released massive amounts of smoke, blanketing neighborhoods with hazardous air and pushing air pollution levels to dangerous highs. As wildfires continue to escalate in intensity due to changing climate patterns, the impact on air quality is expected to worsen, posing significant health risks for communities across California and beyond. Wildfire smoke comprises a mix of harmful particles such as sulfur dioxide, nitrogen dioxide, carbon monoxide, VOCs, ozone, and notably PM2.5—fine particulate matter that poses significant health risks by penetrating deep into the lungs due to its minute size.

As wildfire smoke becomes a recurring challenge, affecting millions and impacting the operations of organizations large and small, there's a pressing need for effective indoor air quality strategies. Fellowes has consistently taken into account the latest research on air quality. The entire portfolio of Fellowes Air Quality solutions features category-defining technologies and capabilities for improved indoor air quality in any space – regardless of increased wildfire smoke concentrations outside.

## Components of an Impactful Indoor Air Quality System

- H13 True HEPA Filters to capture fine particles, including PM2.5, a primary component of wildfire smoke
- Activated Carbon Filters to absorb odors, volatile organic compounds (VOCs), and harmful gases present in wildfire smoke
- Automatic Air Quality Monitoring
- Proactive Response to Changes in IAQ
- Increased Air Changes per Hour (ACH)

## Impacts of Wildfire Smoke on the Human Body



### Short-Term Effects

- Stinging eyes
- Irritated sinuses
- Wheezing
- Shortness of breath
- Headaches
- Itchy skin
- Coughing



### Long-Term Effects

- Heart attack
- Stroke
- Lung cancer
- Decline in cognitive function

Sources:

New York Times: how Canada's record wildfires got so bad, so fast <https://www.nytimes.com/interactive/2023/07/18/climate/canada-record-wildfires.html>

New York Times: Wildfire smoke puts Chicago among cities with worst air quality in the world <https://www.washingtonpost.com/weather/2023/06/27/wildfire-smoke-chicago-michigan-code-red/>

# Breakthrough Innovation for Protection Against Wildfire Smoke

## Fellowes Array™

Fellowes Array is the most advanced networked air quality system, with an integrated, breakthrough range of air purifiers, sensors, and monitoring software that can be connected to form a complete network for healthy air in any room, floor, or space.



H13 True HEPA filter provides robust protection against wildfire smoke, as well as particles as small as 0.1 microns including viruses, allergens, and germs.



## AeraMax® Pro



4-stage H13 True HEPA filtration effectively removes at least 99.95% of particles as small as 0.1 microns, including wildfire smoke, allergens, pollen, dust, and pet dander.



## AeraMax® Small Office



3-stage filtration featuring True HEPA filter that captures up to 99.97% of particles as small as 0.3 microns, including wildfire smoke, allergens, pollen, dust, and pet dander.



Learn more at [new.fellowes.com/array](http://new.fellowes.com/array)

### Fellowes Array Networked Air Purifiers

	Description	Vendor #
	Array Ceiling AC2 Air Purifier-White	5889201
	Array Ceiling AC2 Air Purifier-Black	5889202
	Array Recessed AR1 Air Purifier	5888601
	Array Recessed AR2 Air Purifier	5888901
	Array Recessed AR1 UVC Air Purifier	5889501
	Array Stand AS1 Air Purifier	5884201
	Array Stand AS2 Air Purifier	5884501
	Array Wall AW1 Air Purifier	5884801
	Array Wall AW2 Air Purifier	5885101

### AeraMax Pro & AeraMax Small Office Air Purifiers

	Description	Vendor #
	AeraMax Pro AM3 PC	9573001
	AeraMax Pro AM3R PC	5002001
	AeraMax Pro AM3S PC	9573201
	AeraMax Pro 4 PC	9573101
	AeraMax Pro AM4R PC	5002101
	AeraMax Pro AM4S PC	9573301
	AeraMax Pro AM4 Flex	5000101
	AeraMax SE	9794601
	AeraMax Pro SV	9794501

Contact your rep for full machine and filter availability



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