VOLUME 11

AIR PURIFIER
guide

SHOULD EVERY OFFICE HAVE AN AIR PURIFIER?

The short answer is **YES!**

Air purifiers are affordable and proven solutions that can rapidly improve the indoor air quality of offices.

GOOD TO KNOW

The benefits of an air purification system in the workplace include:

- Improved productivity
- Reduced absenteeism
- Better facility perception
- Fewer common complaints such as odours
- A more health-focused environment

COVERAGE

Consider the size of the space when choosing an air purifier.

Manufacturers specify the recommended room size or coverage area in square feet.

INSTALLATION

Freestanding
These air purifiers are common and can be placed on the floor or a tabletop.

Wall mounted
They save floor space and provide a more integrated look.

Recessed
In-wall or ceiling-mounted air purifiers are available for discreet installation in homes or commercial spaces.

MEETING STANDARDS

Some models are designed to meet specific standards such as **RESET** (a certification for healthy buildings) and **ASHRAE** (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) standards for indoor air quality and includes a minimum of 5 equivalent air changes per hour in indoor spaces.

FILTRATION

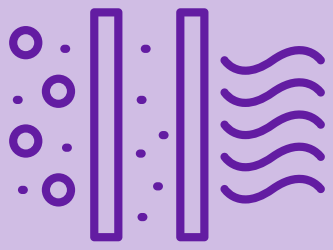
Type
Air purifiers use various types of filters, including HEPA filters (High-Efficiency Particulate Air), activated carbon filters, UV-C germicidal lamps, and ionizers.

Stages
Air purifiers use multiple stages of filtration for optimal effectiveness. For example, they may have a pre-filter to capture large particles, a HEPA filter for smaller particles, and an activated carbon filter for odours and gases.

Filter replacement
Frequency will depend on the type of filter and usage. HEPA filters typically need replacement every 6 to 12 months, while activated carbon filters may last longer.

Ease
Many air purifiers have user-friendly designs for easy filter replacement and cleaning.

Good to know
Regular maintenance and filter replacement will help you maximize the benefits of your air purifier over time and prevent major issues that can be costly.



SENSOR TECHNOLOGY AND ADVANCED FEATURES

Sensor technology in air purifiers monitors air quality parameters such as particulate matter (PM2.5), VOCs, humidity, and temperature.

Advanced features may include auto mode (adjusts settings based on air quality), night mode (quieter operation), and app integration for remote control.

Some purifiers also offer smart features like voice control compatibility (e.g., Alexa or Google Assistant) and air quality alerts.

NETWORKED AND NON-NETWORKED

Networked
Options like Array or AeraMax are connected to the Internet or a network, allowing for remote monitoring and control via a smartphone app or computer. They often provide real-time air quality data and allow you to adjust settings remotely.

Non-networked options
Many personal air purification devices operate independently without internet connectivity. They are usually designed for smaller spaces or personal use, offering localized air purification.

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