



KONICA MINOLTA

CREATING A BETTER WORKING ENVIRONMENT – IMPROVING INDOOR AIR QUALITY

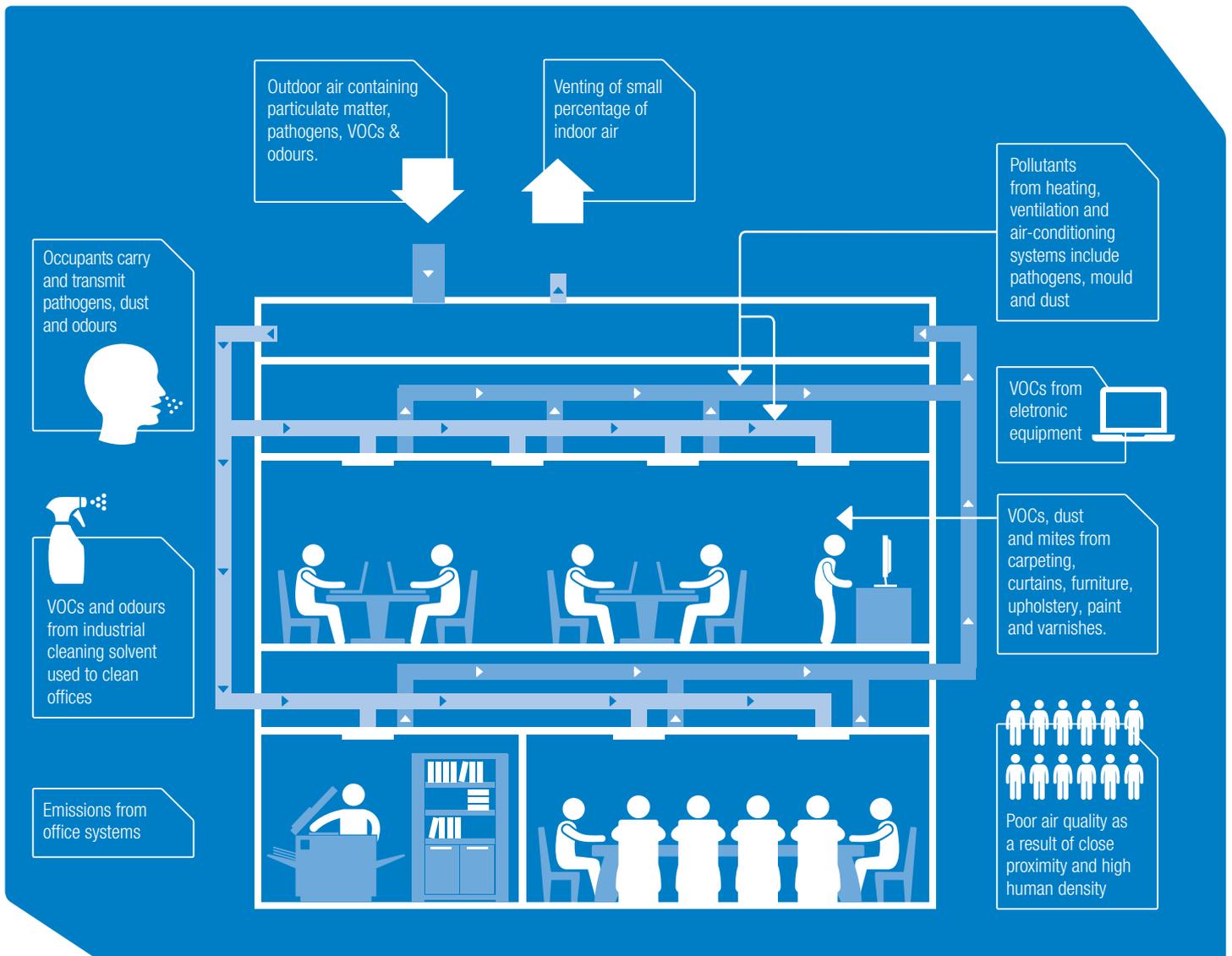


Indoor air is perceived to be directly linked to better health and wellbeing. The quality of the indoor environment can affect comfort and productivity. Konica Minolta is committed to improving our customers' individual work environment, and is thus offering sustainable and effective solutions that help our customers to optimise the Indoor Air Quality (IAQ) in their working space.

INDOOR AIR QUALITY

Indoor Air Quality (IAQ) is a measure for how clean inside air is, as well as its effects on personal health and comfort. IAQ is part of the IEQ – Indoor Environmental Quality – which does not only concern air quality / air pollution, but also factors such as temperature or humidity.

Good IEQ is characterised by comfortable temperature and humidity, good ventilation including fresh air supply, as well as a controlled environment concerning chemicals and microbes.



Although low air quality in a normal office environment is not harmful to human health, a relatively small number of people, are sensitive or suffer from allergies and are therefore highly sensitive to any dust and other particulates in the air, may experience discomfort.



THE VALUE OF CLEAN AIR

While several years ago IAQ was only a factor in e.g. the industrial environment, the discussion nowadays has moved to a more prominent stage.

Today, the perception of the pollution of outside air has risen, despite the fact that de facto it has not. Nevertheless, combined with a reduced ventilation, the concentration of emissions indoors can increase and have an effect on people working in office spaces.

In recent years IAQ has gained much attention as a vital factor for health, comfort and productivity because it may affect occupants of a building and their well-being. It has been estimated that people in developed countries nowadays spend nearly 90%* of their time indoors. Consequentially, we see a rising demand for products that improve IAQ.

Additionally IAQ has been recognised as a decisive factor for the productivity of workers in office spaces, as it influences their well-being, ability to concentrate and overall comfort.

* According to the 1994 National Human Activity Pattern Survey, the average person spends just about 92% of their time indoors.

A HEALTHY WORKING ENVIRONMENT

While laser printers are only one of many sources (e.g. smoking, carpets, badly maintained ventilation or air condition systems), for odours and emissions in the everyday environment, Konica Minolta is committed to actively improve the working environment of its customers and create the space for them to focus on their core competencies. We thus have developed filter solutions that significantly reduce emissions. With our filter solutions we are offering office systems which meet the increasing environmental concerns and the growing health-awareness in our society. The filters are designed to offer a convenient and highly efficient alternative for our environmentally and health conscious customers as well as those who suffer from allergies and therefore are contributing to an improvement of the indoor air quality in their environment at work.

▀ Safety and Effectiveness

As safety and effectiveness are key targets for our Air Cleaning solutions, Konica Minolta developed dedicated filter devices for the different office systems, ensuring high emission reduction, while keeping up the device airflow (to avoid overheating).

The Air Cleaning Units' effectiveness has been measured according to Blue Angel standard RAL UZ-171, achieving results of up to 97% of emission reduction.

Additionally, the Konica Minolta office systems carry the eco-label "Blue Angel". This is a voluntary certificate which indicates to consumers that a product meets additional environmental criteria, concerning energy efficiency and low emissions, defined by the German Federal Environment Agency (Umweltbundesamt).





KONICA MINOLTA INDOOR AIR QUALITY SOLUTIONS

We are constantly optimizing our portfolio to meet our customers' demands and are therefore offering carefree filter solutions which will last for the entire lifetime of the respective office system.

Perfect solution for every need

In order to offer the most comfortable choice for every need as well as meet the highest client requirements, Konica Minolta has developed two filter solutions. The Optional Air Cleaning Unit is attached on the outside of the printer and has been developed to provide customers of our A3 and A4 printers with a quick and very efficient solution to improve the air in their office. Especially the A4 devices are often located in the same room and thus in close proximity to office workers.

As IAQ is such an important topic our newest office systems come with built-in filter technology. Our integrated filter solution, the Standard Air Cleaning Unit, is similar in technology and function. It is specifically designed for our products and is built into the latest generation of devices ex factory. The Standard Air Cleaning Unit is already available for our A3 MFPs and will gradually become standard for upcoming products to offer maximum comfort and filter efficiency to our customers.

The Standard Air Cleaning Unit

Emissions can be reduced by a minimum of 90% compared to devices without a standard Air Cleaning Unit.

The Optional Air Cleaning Unit

Emissions can be reduced by 82% to 97% (depending on the MFP/Printer)



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