

**Miele**

Fewer viruses.  
**More us.**

The high-performance Miele AirControl air purifier.

*Miele Professional. Immer Besser.*



**99.995%**  
air filtration.  
**100%**  
convenience



## Maximum filtration. Minimum noise.

Breathe that long-awaited sigh of relief! AirControl from Miele makes living and working together a more pleasant experience once again. With its 5-stage filtration system, Miele's powerful air purifier provides maximum protection against viruses and reduces the strain caused by fine dust and odours.

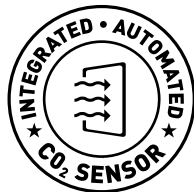
Simple to operate, reliable and quiet in operation: AirControl is used wherever people gather in public buildings.

## Clean air made by Miele.

Key benefits at a glance:



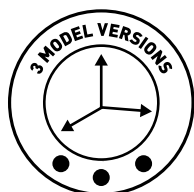
- **5-stage filtration system incl. HEPA H14 filter** with retention rate of more than 99.995% of particles (e.g. Corona), bacteria, odorous particles, pollen, smoke, etc.
- 6-fold air replacement to reduce risk of contamination



- **Monitoring of air quality** with **CO<sub>2</sub> sensor** – Ventilation only when necessary, and quieter operation depending on application than with fixed power settings



- **Deactivation of relevant pathogens** in the filter thanks to Miele **ThermoControl** for rooms covering up to around 200m<sup>2</sup>.



- **The mobile and flexible** air purifiers are available in 3 model versions, for rooms covering up to around 200m<sup>2</sup>.
- All 3 units are **manipulation-proof** and tilt-protected – ideal for public buildings

## Protection against viruses: Also a question of technology.

Social distancing, the wearing of face coverings, the observance of hygiene rules, the ventilation of rooms: There is much that we can do to promote our own health. But battling viruses is also a question of technology. With three model versions, Miele AirControl air purifiers guarantee reliable protection and more convivial conditions in closed spaces.

## Clean air at the touch of a button.

Miele air purifiers are as quiet as they are convenient. With optimised air intake and distribution, these products ensure a healthy micro-climate. Automatic programmes allow power settings and operating times to be preset. An integrated sensor which constantly monitors the CO<sub>2</sub> content in room air warns when the time has come to ventilate.

In addition to this, the CO<sub>2</sub> sensor is the key to automatic operation where air throughput is adjusted to the air quality, ensuring far quieter operation than at fixed speed settings.

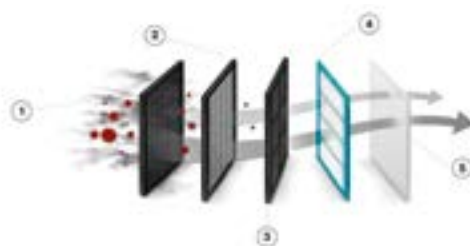


### This is how 5-stage filtration works

The coarse filter removes coarse particles such as pollen and lint from the air stream (1) at the point where air enters the unit.

The fine filter retains particles and fine dust (2). The HEPA H14 filter rids room air of 99.995% of particles with a size of 0.1-0.3 µm, including micro-organisms such as viruses (3).

The active charcoal filter neutralises odours (4). The exhaust filter (5) optimises air discharge and ensures uniform air distribution.



# Air displacement: Key to our health.

In the workplace, in doctors' waiting rooms, in restaurants and in schools and shops: Air everywhere contains aerosols. The concentration of droplets and particles increases when persons are in a room over a prolonged period of time. If these include an individual with a contagious disease, room air soon becomes laden with pathogens.

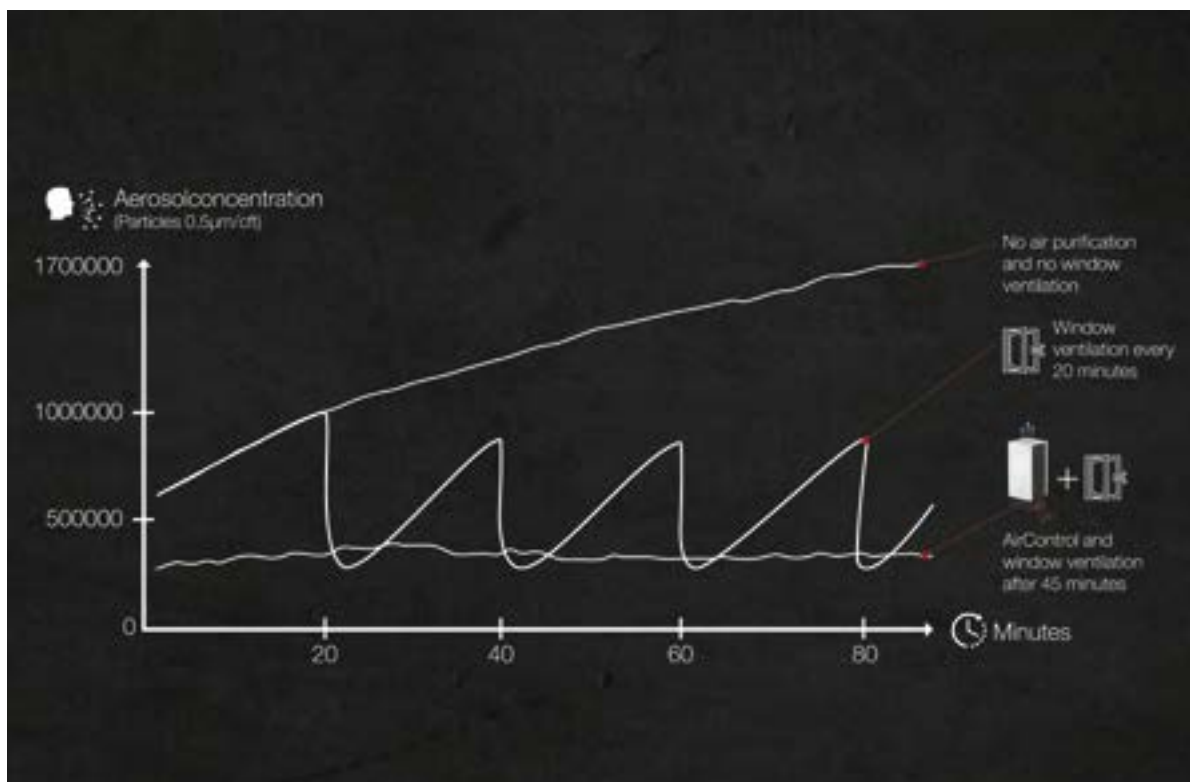
## Aerosols: Air-borne risk

Tiny and extremely light-weight aerosols remain suspended in air over long periods of time – and remain contagious even after the infectious person has left the room. **The solution:** Alongside frequent ventilation, air purifiers such as Miele's AirControl are ideal in reducing aerosol concentrations in room air, allowing windows to remain closed in bad weather or when noise levels outside are unacceptable.

## Continuous removal of viruses

Particularly when opening windows and doors is insufficient or requires the support of technical measures, air purifiers such as Miele's AirControl represent an ideal solution. With their high-quality filtration technology, harmful particles can be removed from indoor air – not only temporarily, as is the case with ventilation, but permanently.

This is the conclusion reached by an independent hygiene institute which arrived at an aerosol concentration through opening windows every 45 minutes plus the use of an air purifier which was 2 times lower than simply opening windows alone every 20 minutes.





# Miele AirControl:

## Overview of applications.

### Education system

- Schools
- Child-care centres & nurseries
- Universities
- Private & public educational institutions
- Seminar rooms & lecture theatres



### Trade & manufacturing

- Supermarkets & food stores
- DIY stores
- Retail trade
- Food processing businesses
- Car and motorbike dealerships
- Workshops



### Leisure & Beauty

- Fitness and sports studios
- Hairdressers, solariums, studios
- Leisure parks & wellness spas
- Public baths, saunas
- Casinos, theatres, cinemas, concert halls
- Museums, sports arenas



### Healthcare sector

- Doctors' surgeries
- Non-medical practitioners
- Hospitals
- Pharmacies
- Care and nursing homes
- Laboratories



### Hotels & guesthouses

- Restaurants, bars, cafés
- Canteens, refectories, micro-breweries
- Discos & clubs
- Hotels & guesthouses
- Receptions & lobbies



### Companies & public spaces

- Offices & conference rooms
- Banks, offices and local administrations
- Receptions & common rooms
- Libraries
- Places of worship
- Airports, stations, public transport premises



# Good room climate

## Meeting all needs.

For many decades, Miele Professional has stood for dependable hygiene concepts in medical establishments, hotels and restaurants by reprocessing medical instruments, washing dishes and providing a supply of clean laundry. This expertise and know-how is now to be deployed on air purifiers for commercial use – to provide reliable health and protection where people gather.

### Mobile, safe, durable

Thanks to smooth-running castors, Miele AirControl air purifiers are mobile and can be used wherever there is access to a wall socket. Manipulation-proof and tilt-protected, they are particularly suitable for heavily frequented locations such as waiting areas, meeting rooms or nurseries. High-quality materials and design also makes them a robust and durable acquisition. Miele Professional's blanket service coverage is a huge advantage when it comes to delivery, installation, filter replacement and maintenance – and ensures optimum performance and maximum protection.



# Facts and figures, technical specifications.

## Miele AirControl air purifiers in detail

Product feature	PAC 1045	PAC 1080	PAC 1200
Max. recommended room size	45 m <sup>2</sup>	80 m <sup>2</sup>	200 m <sup>2</sup>
Air throughput	740 m <sup>3</sup> /h	1,300 m <sup>3</sup> /h	3,000 m <sup>3</sup> /h
Sound emissions recorded in accordance with EN ISO 11204 at a height of 1.55 m above the floor and at a distance of 1 m	25–52 dB(A)	25–63 dB(A)	33–73 dB(A)
5-stage filtration system incl. HEPA H 14	✓	✓	✓
Miele ThermoControl	✓	✓	✓
Dimensions (L x W x H)	500x500x1270 mm	500x500x1270 mm	700x700x1300 mm
Programme selection: Manual and Automatic (time-controlled, CO <sub>2</sub> controlled, combination of both)	✓	✓	✓
Controls/Indicators: LCD + sealed membrane keypad	✓	✓	✓
Ventilation function booster	✓	✓	✓
Integrated CO <sub>2</sub> sensor	✓	✓	✓
Weight	77 kg	77 kg	117 kg
Mat. no.	11929640	11929650	11929660
EAN	40 0251 64463 54	40 0251 64463 61	40 0251 64463 78
Max. rated load (incl. ThermoControl)	1,350 W	1,350 W	1,850 W
Max. rated load in normal operation*	150 W	425 W	1,280 W

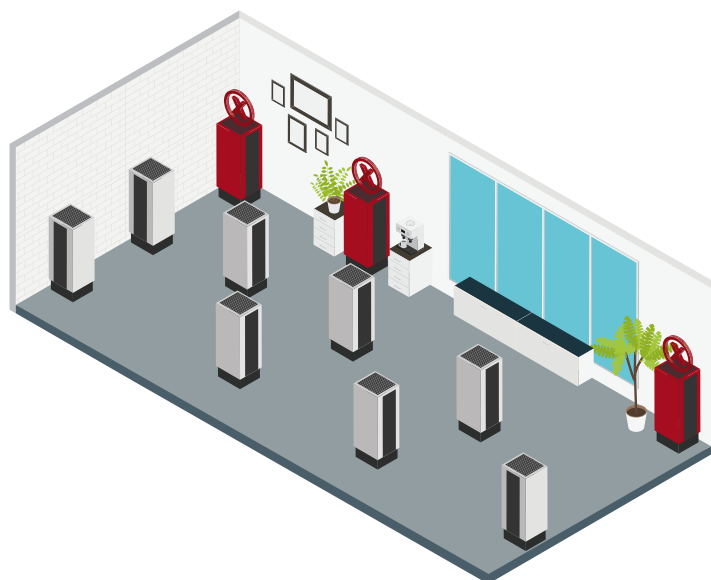
\*Setting: 100% fan capacity, without ThermoControl

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Further information on models on [www.miele.de/aircontrol](http://www.miele.de/aircontrol)

## Optimum air circulation.

This is how AirControl is positioned inside a room:

- Ensure that air intake and discharge grilles are unobstructed
- Ensure spacing to other objects or furniture
- Do not place under tables
- Never place objects on the unit
- Where possible, position half-way along a room's long side
- Even more advantageous from the point of view of air distribution: Location in the centre of the room.



## Three versions, many opportunities.

Depending on the room size, air displacement requirements vary. Miele AirControl caters for a variety of room sizes and the air replacement rate can be adjusted individually. The PAC 1080 model is suitable for rooms up to 80m<sup>2</sup> in size and offers absolute top performance in its category. Miele AirControl is also available in the form of the PAC 1045 for rooms covering up to 45 m<sup>2</sup> or the PAC 1200 for rooms with a floor area of up to 200 m<sup>2</sup>. Air in larger rooms can be purified by a combination of models. With a throughput capacity of up to 3,300 m<sup>3</sup> of air per hour (depending on the model), the entire air in a room can be displaced and filtered six times per hour.



reddot winner 2021

# Miele

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