

# AP25 & AP35 Air purifiers

## Ideal filter technology



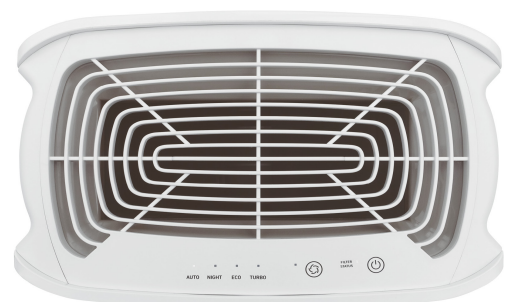
The IDEAL AP25 & AP35 Air Purifiers remove aerosols, particles, pollutants and pathogens such as viruses and bacteria from the indoor air.



AP35



AP25



# Risk of infection from aerosols

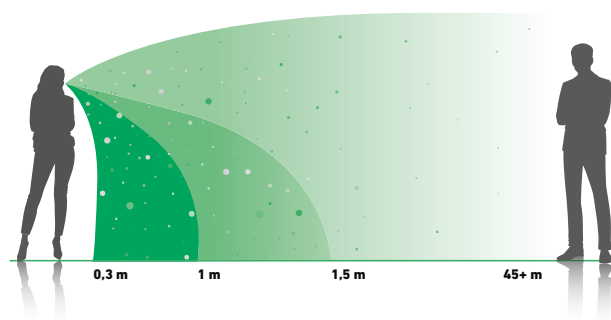
## Air purifiers provide protection

### Air as a source of infection

Airborne infections are infections which are transmitted through the air, e.g. by inhaling infectious droplets, dust particles or even pathogens themselves. The risk of infection is particularly high in rooms intended for several people.



Researchers from the USA have proven that an infectious virus can still be present in aerosol particles even after three hours\*. Another influencing factor is whether the infectious aerosols collect in a room or their concentration is reduced by ventilating rooms with fresh air in good time. A study\*\* has shown that air purifiers with the corresponding filters can dramatically reduce the risk of infection indoors.



### Airborne infection through inhalation

Droplets are produced when coughing or sneezing. These may contain live pathogens which are protected by a covering of dried secretions. They can therefore remain suspended in the ambient air for a long time and cover long distances. Due to their small size, they can enter deep into the respiratory tract and transmit pathogens.

### What helps to prevent transmission via aerosols?

The risk of infection via aerosols can be reduced by thoroughly ventilating rooms on a regular basis. The quickest way to do this is by circulating the air in these rooms. However, this is not always possible. Air purifiers are a solution here. They can effectively reduce the risk of infection from aerosols. IDEAL air purifiers have been developed for this purpose as they effectively and quickly reduce the intensity and lingering time of aerosol and suspended matter clouds in closed spaces.

### Logical component of any hygiene concept

IDEAL air purifiers enable you to have consistently good air quality at workplaces, in open-plan offices, conference rooms and communal areas: The highly effective multi-layer filters filtered at least 99.8 % of the Aerosols, used in the DIN 71460/1 from the air. The efficient air purifiers thereby supplement and enhance protective measures such as distance, dividing walls, surface disinfection and face masks. By circulating and cleaning the air several times per hour, they decrease the dwell time of harmful pollutants and reduce the amount of virulent aerosols in the ambient air.

### HEPA Filter classification

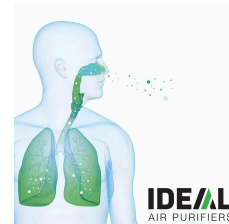
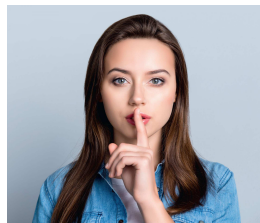
In a test set-up, according to DIN 71460/1, the filter media removed Aerosols and particles of 0.2µm diameter at least to 99,8%. Since the filter material is not metabolizable, pathogens cannot survive on it. Furthermore, on surfaces like the Filter material itself, Viruses get inactive after a short period of time.



# We give everything our very best. All the time. Guaranteed.

Ideal  
indoor air.  
For your  
health.  
**IDEAL**

The IDEAL Air Purifiers fulfill precise requirements with regards to hygiene, health, safety, function and the environment. Furthermore IDEAL Air Purifiers operate extremely quiet.



## AP25

Filtration\*: HEPA 99,8% at 0,2µm

Size: (H x B x T): 452 mm x 351 mm x 223 mm,

Weight: 6 kg

\*The test set-up used here corresponds to DIN 71460/1: Measurement AC<sub>fein</sub> at 100m<sup>3</sup> / h delivery

	Night Mode	Auto Level 1	ECO	Turbo
Air Flow [m <sup>3</sup> /h]	40	100	200	250
Sound [dB(A)]	25	30	48	57

## AP35

Filtration\*: HEPA 99,95% at 0,2µm

Size: (H x B x T): 514 mm x 430 mm x 275 mm

Weight: 7,4 kg

\*The test set-up used here corresponds to DIN 71460/1: Measurement AC<sub>fein</sub> at 100m<sup>3</sup> / h delivery

	Night Mode	Level 1	Level 2	Level 3	Level 4	Turbo
Air Flow [m <sup>3</sup> /h]	50	70	90	160	280	330
Sound [dB(A)]	26	28	32	46	50	55





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