

# EDC 650



# EDC650: the most effective air purifier ever

The EDC650 offers the best solution for clean air in offices, gyms, schools and healthcare facilities. The unique patented filter-technology removes very small particles, e.g. fine dust, bacteria and viruses, from the air. With an effectiveness of no less than 99,99%, the EDC650 is the most effective air purifier on the market.

## AIR DISPLACEMENT

The EDC650 works by means of air displacement, a unique and patented technique of circulation and filtration. This technique has so-called "reverse" circulation. At floor level the EDC650 evenly blows clean air into the room, which displaces the air and forces it further upwards. The polluted air is being sucked in at the top of the air purifier, after which a very effective HEPA-filter filters pollution (such as fine dust and viruses) from the air. The purified air is then released again at floor level. This ongoing process ensures continuous clean air in the breathing zone. Independent research organization TNO tested our technology and concluded that air displacement removes fine dust with an effectiveness of 99,99%. This technique makes the EDC650 the most effective air purifier on the market.

## THE MAIN PROPERTIES

The EDC650 has three air speed levels and a decibel level between 27 and 49 dB, depending on the air speed. The EDC650 is specially designed for cleaning large professional areas, such as offices and schools. To achieve this, the device has a powerful motor and a high air capacity (up to 650m<sup>3</sup> per hour). The EDC650 offers the possibility to place an active carbon filter in addition to the HEPA-filter. With active carbon the air purifier also removes odours and gaseous contaminants from the air. Another important feature of the EDC650 is its energy efficiency. At an average user level, the EDC650 consumes only 66W. To take full advantage of the EDC650, we recommend applying it in an area of up to 100m<sup>2</sup>.

## MAINTENANCE AND LIFESPAN

Rooms with an EDC650 naturally need some ventilation to allow enough oxygen into the room and to dissipate moisture and heat. However, ventilation is also a source of polluted air. Due to the highly effective air circulation and purification of the EDC650, minimal ventilation is sufficient. With efficient air cleaning, enhanced ventilation is unnecessary. This means there is no draft and energy consumption is reduced. Due to its robust construction and technology, the EDC650 is maintenance-friendly and has a long service life. Maintenance is only required once a year and is easy to carry out yourself.

## TECHNICAL SPECIFICATIONS

AC / Voltage	230V / 50-60Hz	Max. space advice	100 m <sup>2</sup>
Max. power	167W	Measurements (hxwxh)	185 x 45 x 45 cm
Max. air capacity	650 m <sup>3</sup> / hour	Weight	45 kg
Air speeds	External 5-level switch	Casing	Steel
Noise level	27 – 49 dBa	Colours	White, black
Filter system	HEPA	Mounting	standing
Optional filter	Active carbon	Warranty	2 years

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## EDC650: what makes this air purifier so special?

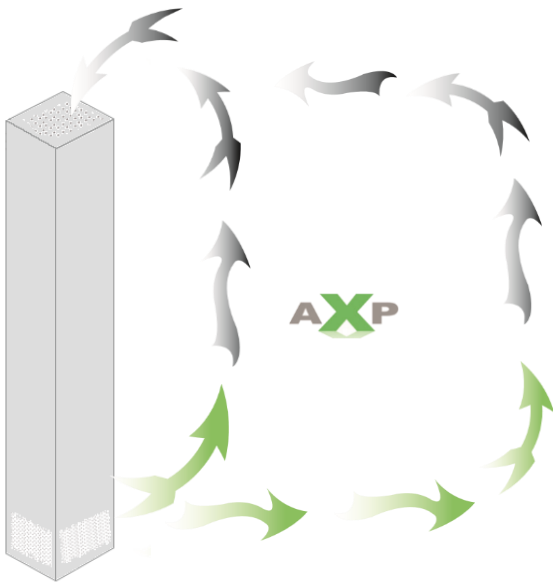


Photo: the effect of air displacement

- Most effective technique against fine dust, bacteria and viruses
- Technology extensively tested by TNO
- No mixing ventilation as with conventional air purifiers
- Low energy consumption (max. 167W)
- Very quiet (27 – 49 dB)
- Long lifespan
- Very high air capacity (650m<sup>3</sup>/hour)

## Innovative, stylish and ready to plug in:

The EDC650 is available in black and white. With its sleek design it will fit perfectly in your interior. It is also ready to plug-in, so very easy to install. The EDC650 can be applied in all sorts of professional spaces. The following areas are ideal for the use of an EDC650 air purifier:

- Group rooms
- Large living rooms
- Office spaces
- Hairdressing salons
- Classrooms
- Gyms
- Dental practices
- Healthcare facilities



Ruysdaelkade 97, 1072AM, Amsterdam  
info@extremeairproducts.nl - +31 20 6464 028  
www.extremeairproducts.nl