

Specifications

Dimensions	23 x 20 x 11 inches (590 x 500 x 275 mm)
Weight	35 pounds (15.5 kilograms)
Room size	365 square feet (34 square meters)
CADR*	Smoke: 240 Dust: 250 Pollen: 255
Airflow rate	75 to 240 cubic feet per minute (130 to 410 cubic meters per hour)*
Power usage	Minimum: 20 watts Maximum: 80 watts
Noise level	32 to 58 dB(A)
Filter service life	6 months
Warranty	2 years



How to use the digital display and remote control

- Press the green POWER key to turn the unit on and off.
- Auto Mode. The unit automatically runs on the highest speed for five minutes after it is turned on to provide fast initial cleaning and then switches to Auto Mode.
- Press the SPEED key to regulate operating speed manually. Use speed 1 for nighttime use, speed 2 for daytime use, and speeds 3 and 4 for fast initial cleaning or for larger rooms. Use Auto Mode to let the unit regulate its speed based on actual air quality.
- Press the TIMER key before turning the unit on to set the time when the unit will turn on or off. Otherwise the start speed will be set to Auto Mode. Use the PRESET key on the remote control to alternate between ON TIME and OFF TIME.
 - ON TIME. Choose a time intervals in 30-minute intervals from between a half hour and 9.5 hours.
 - OFF TIME. Choose a time interval when you want the unit to turn itself off. The preset time intervals are 1, 2, 4 and 8 hours. Use the + or - keys on the remote to increase or decrease the interval in increments of 30 minutes (0.5 hours). The screen displays the remaining time until the unit turns off.
- REPLACE FILTER LIGHT. A built-in filter timer counts down the days over a six-month period until it's time for filter replacement according to manufacturer recommendations. When the light-emitting diode turns red, it's one of the two times each year that you need to change your Blueair filters.
- ELECTRONIC PARTICLE SENSOR. A built-in sensor determines whether the amount of airborne particles, such as dust, smoke and pet dander, are above or below the acceptable limit. The digital display has a happy face when particle levels are kept in check, and a sad face when the operating speed should be increased.
- ELECTRONIC GAS SENSOR. A built-in sensor detects gaseous contaminants, such as smoke, exhaust fumes, formaldehyde and other volatile organic compounds as well as the usual cooking odors. A happy face on the digital display means that your Blueair unit is maintaining good indoor air quality by reducing gaseous contaminants to low levels. A sad face means that you should turn up the operating speed to restore good indoor air quality.
- AUTO MODE. Let the electronic gas and particle sensors automatically adjust the operating speed according to the level of airborne particles and gaseous compounds.

Certifications



This product earned the ENERGY STAR by meeting the strict energy efficiency guidelines set by the U.S. EPA. The U.S. EPA does not endorse any manufacturer claims of healthier indoor air from the use of this product.



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Convenient control of your indoor air quality

Application

The Blueair 450E air purifier effectively remove indoor air pollutants from the air you breathe. This new electronic air purification system gives you the power to manage your indoor air quality with a handy remote control and digital display from a distance of up to 20 feet.

Ideal for use in rooms that up to 365 square feet (34 sq. meters) in size, the unit effectively removes 99.97% of particles 0.1 micron (μm) or larger in size from the air, including mold spores, pet dander, dust mites, pollen, volatile organic compounds (VOC), gaseous contaminants and odors from smoke, pets and cooking.

Features

- **Three-stage air filtration.** Blueair's patented HEPA-Silent™ filtration technology combines mechanical and electrostatic filtration to remove 99.97% of airborne contaminants.
- **Effective active carbon filters.** Blueair's specially designed active carbon filters eliminate volatile organic compounds (VOC) and odors from the air.
- **Certified performance.** Each unit is tested and certified to deliver 99.97% filtration efficiency.
- **Easy to service.** Simply open the door and the unit automatically switches off for fast filter replacement. No tools required.

Benefits

- **Convenient remote control.** For added convenience, the Blueair 450E air purifier comes with a remote control that operates all functions from a distance of up to 20 feet.
- **Energy-efficient operation.** As an Energy Star qualified product, the Blueair 450E uses up to 35% less energy to operate than comparable units.
- **Quietest commercial unit.** The Blueair 450E is much quieter than other air purifiers in its class.
- **30-second filter replacement.** Simply open the unit, slide out the old filters and slide in the new. No tools or disassembly required.

In brief

- For rooms up to 365 square feet in size
- Patented HEPA-Silent™ filtration
- Certified 99.97% filtration efficiency
- Whisper-silent design
- Energy Star qualified product

