

Air Purifier Calculations



Things to Consider

- Your budget
- Your room size in cubic feet / metres
- Number of air passes through air purifier per minute in cubic feet / metres
- Noise level when operational on all speeds from low to high / turbo
- Position of intake and output of air located on opposite sides, and on top of the air purifier, for ultimate effectiveness
- Ease of filter access in air purifier
- Output of air comfortable and not drafty
- Ease of access to customer service and repair

Calculations

Replacement filter prices

HEPA

Carbon

Pre Filter

Their life expectancy

Their availability

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Take Note

- HEPA Air Purifiers should have some level of activated carbon-based material to absorb odours and chemicals. Carbon absorbs gasses that will not be caught by the HEPA element. Pre filter captures the largest particles.
- Look at how big the filters are. A larger filter will save you time and money over the life of the air purifier. A smaller filter will fill up quicker and ensures cost to your time, money and the environment.
- Units will vary in price from inexpensive to more expensive depending on their research and development, country of manufacture, quality of the mechanics and housing, certification, quality and design of HEPA, amount of activated carbon, combination of HEPA and carbon, design and off course brand marketing.
- Hire an Air Purifier.