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r/AirPurifiers



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r/AirPurifiers • 3 mo. ago

bbunny1996



air purifier for 700sqft apartment

I am looking for a good quality air purifier that would cover the entire sqft of my apartment (694 sqft). I would like something that is safe to use around animals (I know some purifiers can omit ions/etc which can upset/stress animals). If I got an air purifier that covers "up to 1,800 sqft", should this be okay to cover the entire apartment? Would it work for multiple rooms, if I set it in the middle of the apartment? The only rooms I have in my apartment are the bedroom and bathroom. The kitchen, dinette and "living space" are all connected. My limit for my budget would be \$200.



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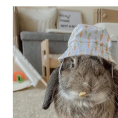


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**AutoModerator** MOD • 3mo ago • Stickied comment**sissasassafrastic** • 3mo ago • Edited 3mo ago

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rate is ideal for sufficiently cleaned air. The bare minimum is generally 4.8-5 Air Changes per Hour (ACH) at a given square footage.

The more important metrics are Clean Air Delivery Rates (CADRs). [Per AHAM](#), these should be *at minimum* 2/3 of your room's area assuming an 8 ft. high ceiling.

You need a purifier for separate rooms or areas, as they can't overcome walls. Open doors don't really help.

Large and open areas can usually benefit from more than one air purifier. Air tends to be cleaner in a smaller bubble close to the purifier.

Your budget is very low for a traditional air purifier in this square footage unfortunately.

- Cheapest traditional purifier: **Winix C909** from [Costco.com](#) only ([\\$199.99](#)). Dust, Pollen, and Smoke CADRs are in the lower to mid-300s CFM. It does have an ionizer ("PlasmaWave"), but it can be switched off.
- Cheapest alternative purifier: **AirFanta 3Pro** ([\\$159.99](#)). This is a Corsi-Rosenthal box design using proprietary Efficient Particulate Air (EPA) E11 filters. E11 is two filters classes below HEPA H13. Top composite CADR is 413 CFM for the CARB Edition.
- DIY Solution: if you already own a box fan, consider making your own [Corsi-Rosenthal box with MERV 13 furnace filters](#). MERV 13 is less restrictive than HEPA, so it can allow for higher particulate CADRs. However, the basic box design doesn't call for an attached pre-filter. Without one, the filters could clog with coarse pollutants (e.g., animal/human hair, visible dust, dirt) earlier than expected, leading to frequent MERV furnace filter replacement costs. I believe one user claimed their pet cats have scratched at or otherwise damaged the furnace filters.

The budgetary feasibility of a C-R box will also depend on the cost of the MERV filters which can be expensive if purchased individually. There's a subreddit for more discussion: [r/crboxes](#)

2 [Reply](#) ...



bbunny1996 OP • 3mo ago

Thank you! What are your thoughts on the Levoit brand on Amazon? I was looking at those. I also noticed you said my budget is low for my square footage... My square footage is actually extremely small, so I personally don't think \$200 is THAT low for such a small apartment... I just wasn't sure if you misunderstood my square footage or not. I am in a very small one bedroom apartment. I have no room LOL.

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bbunny1996 OP • 3mo ago

Also I just want to make sure I am not misunderstanding you... So you're saying I should probably have 4-5 in my one bedroom apartment? sheesh! I gotta start working extra jobs LOL

1 [Reply](#) ...

[Skip to main content](#)[Log In](#)**Brilliant-End4664** • 3mo ago

The Winix 5500-2 and Puroair are also great choices.



0



Reply

**Powerful-Pea8970** • 3mo ago

<https://foustco.com/all-products/air-purifiers/air-purifier-units/160r2-room-air-purifier/>

I personally use this one. I cut it on in the morning or sometimes while I'm sleeping or gaming for less dust to be sucked in. The filter change is either 80-100 depends on if it comes with 3 or 7lbs of activated carbon. 30 more for the hepa filter upgrade. I love that you can also pick what kind of filtration media is used inside it as well. You can even get it with alpha stat wrap add on which helps if you have animals or live in the desert with small dander or particulates. You send the old filter back for 15 dollar credit. I've had mine for many years and is still effective and silent. No gimmicks it just works. I have tried many nice air purifiers from honeywell over the years and they were all gimmicks that left dust in the air and were so loud. It's simple setup will last for many many years to come. Good luck on your choice!

**heysoundude** • 3mo ago

Air is 3 dimensional, so sqft is an irrelevant metric. How high are your ceilings? 8' would make the volume of air in your apartment around 5600cuft of air that needs filtering 3+ times per hour. 9' ceilings makes for 6300cuft of air. 10' would be about 7000cuft. Let's say 9' ceilings- that's 6300cuft, times 3 is 19000cuft/h. Divided by 60 is about 3000cuft/min. That number won't change too much. For about your budget you can build 2 [r/crboxes](#) that will do about 1/3 of that 3000 cfm, probably a bit better. One in your bedroom and the other in The living space will make a noticeable difference very quickly, especially with pets.

**linkmodo** • 3mo ago • Edited 3mo ago

I bought a used Coway Airmega 400S for \$200, that came with a brand new set of OEM filters, the best purchase ever, and large enough to quickly cover 700 sq ft space in about 15 min for a complete air exchange. CADR (Clean Air Delivery Rate): 328 (Smoke), 328 (Dust), 400 (Pollen)

Really love how quiet it is and the air monitoring report and air quality sensor. I've had a home improvement project going and as soon as dust started flying the air filter on auto setting cranked all the way to the max to counter.

The over 350CFM air flow pushes a massive amount of air on max and surprisingly it's not even as loud as my old Holmes HAP756NU at medium setting.

cottonidhoe • 3mo ago

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open concept living room/kitchen then you probably need 3 because kitchens definitely deserve a purifier and you also probably want one in rooms you frequent, like living room and bedroom. As others suggested, you need good airflow in the whole covered region so you can't just put one big one to cover 3 rooms.

If you can't expand your budget, you're potentially going to have to go second hand. I have bought many second hand and they're working 4 years later! If you can bump it to 300 bucks you can get 3, ~200 sqft air purifiers to cover the ~600 sq ft area of your apartment (missing closets and bathrooms and hallways etc). I have to assume you have reasonable height ceilings and accept whatever turnover rate specified by the manufacturer. Additionally, most air purifiers with plasma/ion mode make it optional to disable for your pets, so keep that in mind if you find one you like.

3 of these (using the buy two option) is ~200 bucks and each can do ~200 sq ft using 2/3 rule:

<https://medifyair.com/products/ma-15?variant=31921071784003>

3 for 300 but I don't like the minimal application of carbon: [https://www.blueair.com/us/shop/air-purifiers/blue-pure-511/3560.html?](https://www.blueair.com/us/shop/air-purifiers/blue-pure-511/3560.html?em_source=google&em_adid=707426168339&em_campaign=21518310151&em_keyword=&utm_term=em:google:707426168339:21518310151:&gad_source=1&gclid=CjwKCAiAh6y9BhBREiwApBLHCyQNXb6H1knM09EdGNLa44s5kYDWHR3IVe4wZXLsRnV6Ppzj1XRS9RoChmkQAvD_BwE)

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r/AirPurifiers • 8 mo. ago

Air purifier recommendations (700) sqft

3 upvotes · 4 comments



r/AirPurifiers • 2 yr. ago

Three Air Purifiers in an 800 sq ft apartment; too much or justifiable?

3 upvotes · 22 comments



r/AirPurifiers • 1 yr. ago

Air purifier for 300-500sq ft room? Blue air, Winix, or Conway? (Dust)

4 upvotes · 18 comments



r/Masks4All • 1 yr. ago

Best air purifiers for large room?

17 upvotes · 23 comments



r/AirPurifiers • 8 mo. ago

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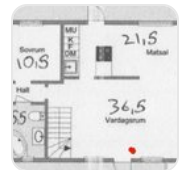
Possible to have too many air purifiers or unnecessary for home?

5 upvotes · 10 comments

 r/AirPurifiers • 1 yr. ago

Please help with air purifier that can cover multiple rooms...

1 upvote · 15 comments

 r/AirPurifiers • 9 mo. ago

What air purifier are you using in your bedroom?

6 upvotes · 37 comments

 r/BuyItForLife • 8 mo. ago

Looking To Get This Air Purifier For My College Apartment

46 comments

 r/AirPurifiers • 8 mo. ago

Best air purifier right now?

5 upvotes · 15 comments

 r/AirPurifiers • 23 days ago

Air purifier to remove smell from previous tenants.

7 upvotes · 16 comments

 r/AirPurifiers • 4 mo. ago

Any good budget air purifiers?

4 upvotes · 17 comments

 r/Apartmentliving • 1 yr. ago

Is ~700 square feet too small for two people?

3 upvotes · 10 comments

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37 upvotes · 28 comments



r/AirPurifiers • 1 yr. ago

Brand recommendation? About to buy my first air purifier 🥺 (in Canada)

4 upvotes · 23 comments



r/minimalism • 2 yr. ago

Anyone living in a place under 700 sq ft and willing to share how you organize your space?

96 upvotes · 84 comments



r/AirPurifiers • 1 yr. ago

1 or 2 air purifiers sub 500 sq ft

1 upvote · 12 comments



r/AirPurifiers • 1 yr. ago

Recommendation for 600 sqft open main floor with dust and dander issues

2 upvotes · 4 comments



r/Masks4All • 3 mo. ago

Air Purifier for 300 sq ft room?

9 upvotes · 5 comments



r/AirPurifiers • 4 mo. ago

Air Purifier for a 140~ sqft bedroom

2 upvotes · 2 comments



r/Mold • 5 mo. ago

Dehumidifiers for 525sq ft Apartment

1 upvote · 2 comments



r/AirPurifiers • 1 yr. ago

Any recommendations for \$250-300 CAD budget in ~500 sqft?

2 upvotes · 13 comments



r/BuyItForLife • 2 mo. ago

[Skip to main content](#)[Log In](#) r/AirPurifiers • 6 mo. ago

Does the shape of the air purifier matter when it comes to performance? Cylinder vs Rectangle?

19 upvotes · 24 comments

 r/AirPurifiers • 9 mo. ago

Air purifier that doesn't off-gas

4 upvotes · 14 comments

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