

Air Purifier Comparison Chart

| Filtration Method | Particle Capture | Virus 99-100% | Bacteria 98-100% | VOC's | Mold/Fungi 94-100% | Certification | Area Covered | Warranty | Price | Summary |
|----------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------|----------------------------|-------|----------------------------|---------------------------------------|--------------|----------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electronically Enhanced Media Filtration (EMF) | 99.99% 0.3 micron 99.97 0.1 micron | YES (kills) | YES (kills) | YES | YES (kills) | FDA Listed as CLASS II Medical Device | 1000 sq. ft. | 5-Year Limited | \$699.00 | FDA listed and certified tests have shown this system surpasses expectations of system relief for asthma and allergy sufferers: CLASS II MEDICAL DEVICE. Doctor recommended. Excellent air unit for serious IAQ (Indoor Air Quality) concerns. Filter replacement costs are mid range in price. Filter efficiency rated above excellent. Filter efficiency monitor. NASA technology 2005 SBIR Award and National Research & Development Awards |
| HealthWay EMF (Electronically Enhanced Media Filtration) - by HealthWay Home Products, Inc. | | | | | | | | | | |
| Electrostatic w/Ultraviolet | 0.1 micron | NO | NO | NO | NO | NONE | 500 sq. ft. | 5-Year | \$549.95 | Air Purifiers America gave Ionic Breeze a rating of "Poor" adding "the worst performing unit we tested, only removing 30% of particles." Consumer report gave unit a "poor" rating as well. Unit moves little air which results in minimal air purification. Silent operation/low maintenance. Simple slide out blade to wipe with a damp cloth. Must be done frequently depending upon application. No test data available. |
| Ionic Breeze GP Professional Series - by Sharpier Image | | | | | | | | | | |
| HyperHEPA | 99% @ 0.003 micron | YES (capture - no kill) | YES (capture - no kill) | YES | YES (capture - no kill) | EN 1822 | 1000 sq. ft. | 5-Year | \$899.00 | Not as effective on lower speed. No microorganism kill only capture. Unit is 100% ozone free. HyperHEPA filtration is rated very effective. Unit is very pricey and replacement filter costs can average over \$260.00 (prefilter and main filter combined). |
| IQAir HealthPro Plus - by IQAir | | | | | | | | | | |
| Electrostatic Ion Positive/Negative Generator | 95% @ 0.1 Micron | NO | NO | YES | NO | NONE | 900 sq. ft. | 3-Year | \$369.95 | In test results, performed by Air Purifiers America stated "only removed 45% of airborne particles" and results concluded "We recommend avoiding this unit completely." Compact in size. Utilizes several air filtering technologies. The efficiency of this air unit largely depends on how often the electrostatic plates are cleaned. Unit has indicator light - indicating when plates need cleaning. |
| Oreck Super XL - by Oreck | | | | | | | | | | |



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| HEPA, Electrostatic and Carbon | 99.97% @.1 micron (on speed I) | NO | YES (very limited) | YES (limited) | NO | AHAM Certified | 680 sq. ft. | 10-Year Limited | \$665.00 | Quiet operation on low speed, but compromises performance. Smoke Stop unit good for cigar/cigarette smoke. Filter replacement costs are pricey. Average life on filter - 6 months (depending upon application). Filter cartridge is easy to change. No ozone emission with air unit. Good warranty but must comply with required maintenance of replacing filter every 6 months (2 times per year) |
| BlueAir 601 SmokeStop unit w/active carbon - by BlueAir | | | | | | | | | | |
| HEPA Carbon/Zeolite Mixture | 99.97% @.3 micron and larger | NO | NO | YES (limited) | NO | NONE | 1500 sq. ft. | 5-Year Limited | \$399.99 | The cabinet is constructed of metal and is durable but the unit is heavy at 45 lbs. The prefilter is ineffective and difficult to change and the carbon and HEPA filters are combined into one filter. The Health Mate HM 400 incorporates a long lasting HEPA filter (depending upon application). Unit is ineffective at protecting against harmful microorganisms. |
| Health Mate HM 400 - by Austin Air | | | | | | | | | | |
| Electrostatic Ion Generator | 99.97% @ 0.3 micron | NO | NO | NO | NO | AHAM Certified | 465 sq. ft. | 2-Year Limited | \$489.00 | This unit is somewhat effective against airborne allergens but lacks the ability to handle heavy odors such as cigarette smoke. Cleanable electrostatic collector plate - needs to be done frequently for best performance. There is no filter change alert. The filter has minimal effects on odor or VOC's. |
| The Friedrich C-90A - by Friedrich | | | | | | | | | | |

Notes:
