

Air Purifiers Comparison Chart

There are many types of air purifiers on the market. When choosing one, the guidelines below will help you select the one best suited to your needs. The smaller the particles that an air purifier can capture, the more expensive the air purifier is.

What to Look for in an Air Purifier:

- Initial costs
- Frequency and cost of maintenance
- Power requirements
- Level and sources of pollution
 - Where are the pollutants/particles coming from?
 - How many particles are in the space?
 - How small are the particles?
- Room size and unit efficiency: the clean air delivery rate (CADR) should match the size of the room to be cleaned

FOUR BASIC TYPES OF AIR PURIFIERS:

1. HEPA air purifiers : **RECOMMENDED**

- Utilize pleated high-efficiency particulate arresting (HEPA) filters to trap particles with a fan that pulls air through the filter
- Do not produce ozone. Reviewers say this is the most effective air purifier. Use fans, thus can be noisy
- Look for "true HEPA" (true HEPA traps 99.97% of particles as small as 0.3 microns)

2. Ozone generators: **RECOMMENDED, with guidelines**

- Utilize ozone to neutralize strong odors (such as smoke) but do NOT remove allergens
- Use in an enclosed area. Stay out of the house while the ozone generator is in use.
- Ozone can cause lung damage, worsen asthma and other lung problems.

3. UV purifiers: **we do NOT recommend this due to insufficient timed exposure to UV light**

- Utilize ultraviolet light to neutralize biological contaminants with sufficient exposure time; however, household air cleaners move air too quickly for adequate exposure time

4. Electronic ionizers: **we do NOT recommend this due to ozone production**

- Utilize an electronic process to reverse the charge of particles in air; produce small amount of ozone

<i>Quality</i>	<i>Brand</i>
Best all-around for severe allergies	IQAir
Quietest, can use in bedroom	Blueair air purifiers
Smoke control and chemical sensitivities	Allerair
Durable and good value	Austin Air
	Alen air purifiers
	Electrolux air purifiers
Silently kills bacteria, viruses, mold spores	Airfree air sterilizer

** NOTE: Brand and model of purifiers do change. Please perform searches prior to purchase.

<http://www.allergybuyersclub.com/compare-air.html>, March 10, 2010
<http://www.consumersearch.com/air-purifiers>, March 10, 2010



Emerald City Naturopathic Clinic, Inc., P.S.
 1409 NW 85th Seattle, WA 98117 (206)781 2206 fax: (206)783-3949
 website: www.emeraldcityclinic.com