

## Checklist Of Specifications To Consider Before Selecting An Air Purifier

✓	Specifications	Why It's Important
<input type="checkbox"/>	<b>Size of Space</b>	It is important to choose an air purifier that will be able to filter all the air inside the room and will have a high enough Air Changes per Hour (ACH) to make a difference.
<input type="checkbox"/>	<b>Desired ACH</b>	The ACH measures how many times the air is cycled through the air purifier in an hour. The higher the ACH, the more contaminants are being filtered out of the air. According to the Harvard T.H. Chan School of Public Health, "For improving indoor air quality, we recommend prioritizing control strategies – ventilation, filtration, supplemental air cleaning – and targeting a combined 4-6 air changes per hour (ACH) through any combination of these approaches." Healthy Buildings – Schools For Health
<input type="checkbox"/>	<b>Noise Level</b>	It is important to check the decibel level of an air purifier to make sure the air purifier does not disrupt workflow or classroom learning. The best commercial grade air purifiers succeed in balancing high air circulation with relatively low noise levels. The lowest setting is typically 45dBA, an even white noise equivalent to the recommended white noise level limit for an infant sleep machine.
<input type="checkbox"/>	<b>Installation: Wall mounted or floor stand</b>	<p>Will the unit be a permanent fixture in the space or is portability important?</p> <p><b>Benefits of wall mounting:</b></p> <ul style="list-style-type: none"> <li>• Unit can be installed closer to the source of concern</li> <li>• Creates whole-room circulation and increases clean air distribution (less obstacles in air path)</li> <li>• Contaminated air is pulled away closer to head height (breathing level) and not from the floor</li> <li>• Improves efficiency of ACH performance</li> </ul> <p><b>Floor stand benefits include:</b></p> <ul style="list-style-type: none"> <li>• Quick one-step integration into existing spaces</li> <li>• Can easily be moved from one area to another</li> <li>• Creates whole-room circulation and increases clean air distribution</li> </ul>
<input type="checkbox"/>	<b>Filter Type</b>	Air purifiers come with a variety of different filters. Make sure the air purifier you choose can filter out the intended particles/pollutants. Some common filter types include HEPA, Carbon, Pre-Filters, and Ionizer. The CDC recommends that you HEPA filter meets H13 requirements.
<input type="checkbox"/>	<b>Filter Life</b>	Air purifiers don't often require maintenance. However, you do have to replace the filters. HEPA filters need replacement about once a year, depending on how heavily you use them. Your air purifier needs to have a filter replacement light that tells you when it's time to replace them.
<input type="checkbox"/>	<b>Warranty</b>	The warranty protects products to make sure they work properly. Opt for a unit that is designed and engineered for long term use and backed by a no-hassle multi-year warranty.
<input type="checkbox"/>	<b>Reputation and Virus Testing</b>	Marketing claims can be exaggerated and unsubstantiated, making it a challenge to discern fact from fiction. The key is to look for independent scientific testing that's completed in real life settings (not in chambers smaller than 20m <sup>3</sup> ) from respected laboratories & institutions to validate any claims.
<input type="checkbox"/>	<b>Grade: Commercial vs. Residential</b>	If you're purchasing a product for a commercial application, you want to make sure it was built for that space and isn't simply a residential unit being used in commercial spaces. Commercial-grade air purifiers are built to last, with high-quality components ensuring your unit is reliable, durable, and tamper-proof.