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| ASHRAE Technical FAQ |
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| ID  | 61 |
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| Question  | What are ASHRAE's recommendations for filtration efficiency for commercial applications? |
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| Answer  | Table 3, Chapter [S29](https://www.techstreet.com/ashrae/standards/s29-air-cleaners-for-particulate-contaminants-i-p?product_id=2121392), Air Cleaners for Particulate Contaminants, of the ASHRAE [2020 ASHRAE Handbook - HVAC Systems and Equipment](https://www.techstreet.com/ashrae/standards/2020-ashrae-handbook-hvac-systems-and-equipment-i-p?product_id=2121460), lists typical filter applications classified by filter efficiency and types for various commercial applications.[ASHRAE Standard 62.1-2022](https://www.techstreet.com/ashrae/standards/ashrae-62-1-2022?product_id=2501063) recommends a minimum MERV 8 for commercial applications. Many buildings have filtration systems up to MERV 13 depending on the occupancy and use of the facility. MERV ratings are defined in [ASHRAE Standard 52.2-2017](http://www.techstreet.com/ashrae/standards/ashrae-52-2-2017?product_id=1942059).The handbook and the other publications may be purchased and/or individual chapters of the handbook may be purchased and downloaded on-line at our website, [www.ashrae.org](file:///C%3A%5CUsers%5CGemma%5CDocuments%5C1wpf%5CASHRAE%5CTC%202.4%5CFAQs%5CFAQs%20Jan%202016%5Cwww.ashrae.org) or by calling 1-800-527-4723 in the USA and Canada or 1-404-636-8400 worldwide.Other organizations that can provide guidance include:[ACGIH](http://www.acgih.org) - American Conference of Governmental Industrial Hygienists[AIA](http://www.aia.org) – American Institute of Architects[AIHA](http://www.aiha.org) - American Industrial Hygiene Association[EPA](http://www.epa.gov) – US Environmental Protection Agency [NAFA](http://www.nafahq.org) - National Air Filtration Association[NIOSH](http://www.cdc.gov/niosh/homepage.html) - National Institute of Occupational Safety and Health |
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| ASHRAE Pubs  | [2020 ASHRAE Handbook - HVAC Systems and Equipment](https://www.techstreet.com/ashrae/standards/2020-ashrae-handbook-hvac-systems-and-equipment-i-p?product_id=2121460), Chapter [S29](https://www.techstreet.com/ashrae/standards/s29-air-cleaners-for-particulate-contaminants-i-p?product_id=2121392)[ASHRAE Standard 62.1-2022](https://www.techstreet.com/ashrae/standards/ashrae-62-1-2022?product_id=2501063) - Ventilation for Acceptable Indoor Air Quality, plus [ASHRAE BOD approved addenda](http://www.ashrae.org/standards-research--technology/standards-addenda).[ASHRAE Standard 52.2-2017](http://www.techstreet.com/ashrae/standards/ashrae-52-2-2017?product_id=1942059) - Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size, plus [ASHRAE BOD approved addenda](http://www.ashrae.org/standards-research--technology/standards-addenda).ASHRAE Position Document on [Filtration](https://www.ashrae.org/about/position-documents) and Air Cleaning |
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| Topic References  | commercial filtration |
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|  | Cognizant ASHRAE Committees | Refer to Organization |
| 1 | [TC 2.4](https://tc0204.ashraetcs.org/) | [NAFA](http://www.nafahq.org) |
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