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| ASHRAE Technical FAQ | |
| |  |  |  |  | | --- | --- | --- | --- | |  | | | | | ID | 61 | | |  | | | | Question | What are ASHRAE's recommendations for filtration efficiency for commercial applications? | | |  | | | | 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:\Users\Gemma\Documents\1wpf\ASHRAE\TC%202.4\FAQs\FAQs%20Jan%202016\www.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 | | |  | | | | 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 | | |  | | | | Topic References | commercial filtration | | |  | | | | | |  |  |  | | --- | --- | --- | |  | Cognizant ASHRAE Committees | Refer to Organization | | 1 | [TC 2.4](https://tc0204.ashraetcs.org/) | [NAFA](http://www.nafahq.org) | | 2 |  |  | | | |  |