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| ASHRAE Technical FAQ |
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| ID  | 62 |
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| Question  | What are ASHRAE's recommended filtration efficiencies for medical applications? |
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| Answer  | [ASHRAE Standard 170-2021](https://www.techstreet.com/ashrae/standards/ashrae-170-2021?product_id=2212971) – Ventilation of Healthcare Facilities, recommends minimum filter efficiencies for most medical applications as follows:First filter Bank: MERV 7Second filter Bank: MERV 14Different spaces have different minimums so refer to the standard for a full discussion. [HVAC Design Manual for Hospitals and Clinics, 2nd Edition](http://www.techstreet.com/ashrae/products/1852624)ASHRAE 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:[AIA](http://www.aia.org) – American Institute of Architects, ([www.aia.org](http://www.aia.org))[CDC](http://www.cdc.gov) – Centers For Disease Control, ([www.cdc.gov](http://www.cdc.gov)) JCAHO - Joint Commission of Accreditation of Healthcare Organizations ([www.jointcommission.org](http://www.jointcommission.org))[HHS](http://www.hhs.gov/) - US Department of Health & Human Services ([www.hhs.gov](http://www.hhs.gov/)) [NAFA](http://www.nafahq.org)- National Air Filtration Association, ([www.nafahq.org](http://www.nafahq.org)), NAFA Guide to Air Filtration |
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| ASHRAE Pubs  | [ASHRAE Standard 170-2021](https://www.techstreet.com/ashrae/standards/ashrae-170-2021?product_id=2212971), Ventilation of Healthcare Facilities, plus [ASHRAE BOD approved addenda](http://www.ashrae.org/standards-research--technology/standards-addenda). [2023 ASHRAE Handbook – HVAC Applications](https://www.techstreet.com/ashrae/standards/2023-ashrae-handbook-hvac-applications-i-p?product_id=2225673), Chapter [A09](https://www.techstreet.com/ashrae/searches/38671911)[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).[HVAC Design Manual for Hospitals and Clinics, 2nd Edition](http://www.techstreet.com/ashrae/products/1852624) |
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| Topic References  | hospital, filtration |
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|  | Cognizant ASHRAE Committees | Refer to Organization |
| 1 | [TC 2.4](http://tc0204.ashraetcs.org/) | [NAFA](http://www.nafahq.org) |
| 2 | [TC 9.6](http://tc0906.ashraetcs.org/) |  |
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