

## ASHRAE Technical FAQ

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Question What are ASHRAE's recommended filtration efficiencies for medical applications?

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[ASHRAE Standard 170-2017](#) – Ventilation of Healthcare Facilities, recommends minimum filter efficiencies for most medical applications as follows:

First filter Bank: MERV 7

Second filter Bank: MERV 14

Different spaces have different minimums so refer to the standard for a full discussion.

[HVAC Design Manual for Hospitals and Clinics, 2<sup>nd</sup> Edition](#)

Answer 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](http://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:

[AIA](#) – American Institute of Architects, ([www.aia.org](http://www.aia.org))

[CDC](#) – 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](#) - US Department of Health & Human Services ([www.hhs.gov](http://www.hhs.gov))

[NAFA](#)- National Air Filtration Association, ([www.nafahq.org](http://www.nafahq.org)), NAFA Guide to Air Filtration

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[ASHRAE Standard 170-2017](#), Ventilation of Healthcare Facilities, plus [ASHRAE BOD approved addenda](#).

[2015 ASHRAE Handbook – HVAC Applications](#), Chapter [A08](#)

ASHRAE Pubs [ASHRAE Standard 52.2-2017](#), Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size, plus [ASHRAE BOD approved addenda](#).

[HVAC Design Manual for Hospitals and Clinics, 2<sup>nd</sup> Edition](#)

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Topic References hospital, filtration

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	Cognizant ASHRAE Committees	Refer to Organization
1	<a href="#">TC 2.4</a>	<a href="#">NAFA</a>
2	<a href="#">TC 9.6</a>	
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