

ASHRAE Technical FAQ

ID 62

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

[ASHRAE Standard 170-2013](#) – 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, 2nd 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 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)

[CDC](#) – Centers For Disease Control, (www.cdc.gov)

JCAHO - Joint Commission of Accreditation of Healthcare Organizations (www.jointcommission.org)

[HHS](#) - US Department of Health & Human Services (www.hhs.gov)

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

[ASHRAE Standard 170-2013](#), 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, 2nd Edition](#)

Topic References hospital, filtration

	Cognizant ASHRAE Committees	Refer to Organization
1	TC 2.4	NAFA
2	TC 9.6	
3		
4		
5		