ASHRAE Technical FAQ

ID 62

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

Answer
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, 2nd Edition

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)

ASHRAE Pubs


2015 ASHRAE Handbook – HVAC Applications, Chapter A08


HVAC Design Manual for Hospitals and Clinics, 2nd Edition
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