

ASHRAE Technical FAQ

ID 11

Question What level of filtration is recommended for my application?

ASHRAE recommends filtration efficiencies for various applications in the [2015 ASHRAE Handbook – HVAC Applications](#). This Handbook contains numerous chapters on various applications, and lists for most applications the necessary filtration, temperature, humidity, and other parameters and design issues. Information on gaseous and particulate contaminants can be found in Chapter [F11](#) of the [2017 ASHRAE Handbook - Fundamentals](#).

Answer The handbook may be purchased and/or individual chapters 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:

[ACGIH](#) - American Conference of Governmental Industrial Hygienists

[AIA](#) – American Institute of Architects

[AIHA](#) - American Industrial Hygiene Association

[EPA](#) – US Environmental Protection Agency

[NAFA](#) - National Air Filtration Association

[NIOSH](#) - National Institute of Occupational Safety and Health

[2015 ASHRAE Handbook – HVAC Applications](#)

[2017 ASHRAE Handbook - Fundamentals](#), Chapter [F11](#)

ASHRAE Pubs

[ASHRAE Standard 52.2-2017](#), plus [ASHRAE BOD approved addenda](#).

[ASHRAE Position Document on Filtration and Air Cleaning](#)

Topic References filter, air filter, efficiency, MERV, dust spot efficiency, arrestance

	Cognizant ASHRAE Committees	Refer to Organization
1	TC 2.4	NAFA
2	TC 2.3	ACGIH
3	TC 2.1	AIHA
4	SSPC 52.2	NIOSH
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