

ASHRAE Technical FAQ

ID 39

Question What is ASHRAE's standard for aircraft air quality?

ASHRAE publishes [Standard 161-2018](#), Air Quality in Commercial Aircraft. Currently, cabin air quality is regulated through Federal Aviation regulations for aircraft registered in the United States.

ASHRAE also publishes [Guideline 28-2016](#), Air Quality within Commercial Aircraft, which serves as a companion to Standard 161. It includes additional research and supporting information for guidance in assessing and assuring good air quality within the aircraft cabin.

Long
Answer

The [2015 ASHRAE Handbook – HVAC Applications, Chapter A12](#) - Aircraft, provides information on the environmental control system (ECS) used in aircraft.

The handbooks and the other 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.

FAA - Federal Aviation Administration, (www.faa.gov)

[2015 ASHRAE Handbook – HVAC Applications, Chapter A12](#)

ASHRAE Pubs

Guideline 28-2016, Air Quality in Commercial Aircraft, plus [ASHRAE BOD approved addenda](#).

[Standard 161-2018](#), Air Quality in Commercial Aircraft, plus [ASHRAE BOD approved addenda](#).

Topic References

	Cognizant ASHRAE Committees	Refer to Organization
1	TC 9.3	FAA
2	SPC 161	
3		
4		
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