

ASHRAE Technical FAQ

ID 45

Question What [research](#) is ASHRAE currently conducting regarding indoor air quality?

Each year ASHRAE devotes the October issue of the [ASHRAE Journal](#) to that year's Research Report. The following active projects regarding alternative refrigerants are listed in the October 2018 issue:

1579-RP Testing and Evaluation of Ozone Removal Air Cleaning Devices for Improving IAQ

1614-RP Developing a Test Method to Determine the Effectiveness of UVC Systems on Commercial Cooking Effluent

1649-TRP IAQ and Energy Efficiency Implications of High Efficiency Filters in Residential Buildings

1663-TRP Residential Indoor Air Quality Guide

1720-RP Validation of Gas Phase Air Cleaner Performance Test Method (Standard 145.2) by Laboratory Testing of Commercially Available Filtration

Answer

1747-RP Implementation of RP-1547 CO₂ Based Demand Control Ventilation for Multiple Zone HVAC Systems in Direct Digital Control Systems

1755-RP Impact of Gaseous Contamination and High Humidity on the Reliable Operation of Information Technology Equipment in Data Centers

1756-RP Evaluation of Particle Sensors for Indoor Air Quality Monitoring and Smart Building Systems

1819-RP CO₂ Demand Controlled Ventilation in Multiple Zone VAV Systems with Multiple Recirculation Paths

1837-TRP The Effects of Ventilation in Sleeping Environments

Final reports to completed ASHRAE research projects related to indoor air quality, and all other topics, are available (for free to ASHRAE members) at the [Research](#) page of www.ashrae.org.

ASHRAE Pubs [ASHRAE Journal](#), October issue each year.

Topic References Indoor air quality, research

	Cognizant ASHRAE Committees	Refer to Organization
1	TC 4.3	
2	RAC	
3		
4		
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