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| ASHRAE Technical FAQ | |
| |  |  |  |  | | --- | --- | --- | --- | |  | | | | | ID | 45 | | |  | | | | Question | What [research](http://www.ashrae.org/standards-research--technology/research) is ASHRAE currently conducting regarding indoor environmental quality? | | |  | | | | Answer | Each year ASHRAE devotes the October issue of the [ASHRAE Journal](http://www.ashrae.org/resources--publications/periodicals/ashrae-journal) to that year's Research Report. The following active projects regarding alternative refrigerants are listed in the October 2023 issue:   1566-TRP Equations to Estimate Evaporation Rates from Heated Water Pools in Indoor Recreational Aquatic Facilities  1756-RP Evaluation of Particle Sensors for Indoor Air Quality Monitoring and Smart Building Systems  1833-RP Literature Review for Evidence of the Basis for Specified Air Change Rates (ACR) for Cleanrooms, Laboratories, Laboratory Animal Facilities, and Health Care Facilities with Medium to High ACR  1837-RP The Effects of Ventilation in Sleeping Environments  1844-RP Estimating Internal Moisture Generation Rates in New, Occupied Homes  1852-RP Develop Performance Metric, Criteria, and Process to Measure and Predict Speech Privacy in High Performance Buildings  1864-TRP Investigating the Applicability of Standard 62.1’s Ventilation Rate Procedure for Healthcare Rooms  1865-RP Optimizing Supply Air Temperature Control for Dedicated Outdoor Air Systems  1918-TRP The Verification of Openings, the Limitations of Openings, Air Distribution and Humidity Conditions in Naturally Ventilated Spaces to Complement Section 6.4 of ASHRAE Standard 62.1  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](http://www.ashrae.org/standards-research--technology/research) page of [www.ashrae.org](http://www.ashrae.org). | | |  | | | | ASHRAE Pubs | [ASHRAE Journal](http://www.ashrae.org/resources--publications/periodicals/ashrae-journal), October issue each year. | | |  | | | | Topic References | Indoor air quality, research | | |  | | | | | |  |  |  | | --- | --- | --- | |  | Cognizant ASHRAE Committees | Refer to Organization | | 1 | [TC 4.3](http://tc0403.ashraetcs.org/) |  | | 2 | [RAC](https://www.ashrae.org/communities/committees/standing-committees/research-administration-committee) |  | | 3 |  |  | | 4 |  |  | | 5 |  |  | | | |  | | | | |  |