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| ASHRAE Technical FAQ |
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| ID  | 99 |
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| Question  | What recommendations does ASHRAE have for “green” or “sustainable” building design? |
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| Answer  | ASHRAE has long had an interest in and published guidance related to designing green or sustainable buildings. The following publications, available in the ASHRAE bookstore, are just a few examples: * [ASHRAE Green Guide (6th edition 2023)](https://www.techstreet.com/ashrae/standards/ashrae-greenguide-design-construction-and-operation-of-sustainable-buildings-6th-edition?product_id=2522362)
* [Advanced Energy Design Guides](https://www.ashrae.org/technical-resources/aedgs)
* [Standard 189.1-2020 – Standard for the Design of High-Performance Green Buildings](https://www.techstreet.com/ashrae/standards/ashrae-189-1-2020?product_id=2202993)
* [Standard 90.1-2022 – Energy Standard for Buildings Except Low-Rise Residential Buildings](https://www.techstreet.com/ashrae/standards/ashrae-90-1-2022-i-p?product_id=2522082)
* [Standard 90.1-2019 User’s Manual](https://www.techstreet.com/ashrae/standards/ashrae-standard-90-1-user-s-manual?product_id=2202994)
* [Standard 90.2-2018 – Energy-Efficient Design of Low-Rise Residential Buildings](https://www.techstreet.com/ashrae/standards/ashrae-90-2-2018?product_id=2030773)
* [Standard 55-2020 -- Thermal Environmental Conditions for Human Occupancy](https://www.techstreet.com/ashrae/standards/ashrae-55-2020?product_id=2207271)
* [Standard 62.1-2022 – Ventilation for Acceptable Indoor Air Quality](https://www.techstreet.com/ashrae/standards/ashrae-62-1-2022?product_id=2501063)
* [Standard 62.2-2022 – Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings](https://www.techstreet.com/ashrae/standards/ashrae-62-2-2022?product_id=2501064)

ASHRAE, in conjunction with IES and USGBC has published standard [189.1](https://www.techstreet.com/ashrae/standards/ashrae-189-1-2020?product_id=2202993) as the standard for the design, construction, and operations of green buildings.Several [ASHRAE Learning Institute](http://www.ashrae.org/education--certification/) courses are now available related to sustainability, and as well ASRHAE offers a [High Performance Building Design Professional certification](https://www.ashrae.org/professional-development/ashrae-certification/certification-types) program. In addition to these publications and events, many [ASHRAE Journal](http://www.ashrae.org/resources--publications/periodicals/ashrae-journal) Applications articles, as well as technical symposia and seminar presentations from the ASHRAE Annual meetings are focused on green or sustainable building design. In addition to the [ASHRAE Journal](http://www.ashrae.org/resources--publications/periodicals/ashrae-journal), ASHRAE publishes the [High Performance Buildings](http://www.HPBMagazine.org), which features articles on high performance building design. ASHRAE also maintains the website, ASHRAE - Engineering for Sustainability at [www.engineeringforsustainability.org](http://www.engineeringforsustainability.org) as a sustainability resource. You may wish to perform a keyword search at [www.ashrae.org](http://www.ashrae.org) to search for more publications.  |
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| ASHRAE Pubs  | [ASHRAE Green Guide](https://www.techstreet.com/ashrae/standards/ashrae-greenguide-design-construction-and-operation-of-sustainable-buildings-6th-edition?product_id=2522362), [Advanced Energy Design Guide For Small Office Buildings](http://www.ashrae.org/standards-research--technology/advanced-energy-design-guides), ASHRAE Standards [189.1](https://www.techstreet.com/ashrae/standards/ashrae-189-1-2020?product_id=2202993), [90.1](https://www.techstreet.com/ashrae/standards/ashrae-90-1-2022-i-p?product_id=2522082), [90.2](https://www.techstreet.com/ashrae/standards/ashrae-90-2-2018?product_id=2030773), [55](https://www.techstreet.com/ashrae/standards/ashrae-55-2020?product_id=2207271), [62.1](https://www.techstreet.com/ashrae/standards/ashrae-62-1-2022?product_id=2501063), [62.2](https://www.techstreet.com/ashrae/standards/ashrae-62-2-2022?product_id=2501064), [90.1 User’s Manual](https://www.techstreet.com/ashrae/standards/ashrae-standard-90-1-user-s-manual?product_id=2202994) |
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| Topic References  | green, sustainable, design, buildings, environment, renewable |
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|  | Cognizant ASHRAE Committees | Refer to Organization |
| 1 | [TC 2.8](http://tc0208.ashraetcs.org/) |  |
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