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| ASHRAE Technical FAQ | |
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[ASHRAE GreenGuide -- Design, Construction, and Operation of Sustainable Buildings, Fifth Edition](https://www.techstreet.com/ashrae/standards/ashrae-greenguide-design-construction-and-operation-of-sustainable-buildings-fifth-edition-portuguese?product_id=2570517)     **Spanish**:   * [ASHRAE Guideline 0-2019](https://www.techstreet.com/ashrae/standards/spanish-guideline-0-2019-the-commissioning-process?product_id=2085125) – The Commissioning Process * [ASHRAE Guideline 0.2-2015](https://www.techstreet.com/ashrae/standards/spanish-guideline-0-2-2015-the-commissioning-process-for-existing-systems-and-assemblies?product_id=1992389) – The Commissioning Process for Existing Systems and Assemblies * ASHRAE [Guideline 2-2010 -- Engineering Analysis of Experimental Data](https://www.techstreet.com/ashrae/standards/spanish-guideline-2-2010-engineering-analysis-of-experimental-data?product_id=2257364) * [ASHRAE Guideline 1.1-2007](http://www.techstreet.com/ashrae/products/1842771) – HVAC&R Technical Requirements for the Commissioning Process * [ASHRAE Guideline 1.2-2019 -- Technical Requirements for the Commissioning Process for Existing HVAC&R Systems and Assemblies](https://www.techstreet.com/ashrae/standards/spanish-guideline-1-2-2019-technical-requirements-for-the-commissioning-process-for-existing-hvac-r-systems-and-assemblies?product_id=2085126) * [ASHRAE Guideline 1.3-2018](https://www.techstreet.com/ashrae/standards/spanish-guideline-1-3-2018-building-operations-and-maintenance-training-for-the-hvac-r-commissioning-process?product_id=2024251) – Building Operations and Maintenance Training for the HVAC&R Commissioning Process * [ASHRAE Guideline 1.4-2014](http://www.techstreet.com/ashrae/products/1905608) – Procedures for Preparing Facility Systems Manuals * [ASHRAE Guideline 12-2000](http://www.techstreet.com/products/1841325) - Minimizing the Risk of Legionellosis Associated with Building Water Systems * [ASHRAE Guideline 22-2008 -- Instrumentation for Monitoring Central Chilled-Water Plant Efficiency](https://www.techstreet.com/ashrae/standards/spanish-guideline-22-2008-instrumentation-for-monitoring-central-chilled-water-plant-efficiency?product_id=2257367) * [ASHRAE Guideline 41-2020 -- Design, Installation, and Commissioning of Variable Refrigerant Flow (VRF) Systems](https://www.techstreet.com/ashrae/standards/spanish-guideline-41-2020-design-installation-and-commissioning-of-variable-refrigerant-flow-vrf-systems?product_id=2238549) * [ASHRAE Standard 15 – 2016](http://www.techstreet.com/standards/ashrae/15_2007_spanish?product_id=1780906) - Safety Standard for Refrigeration Systems * [ASHRAE Standard 41.1-1986 (RA 2006)](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-41-1-1986-ra-2006?product_id=2256811) -- Standard Methods for Temperature Measurement * [ASHRAE Standard 41.3-1989](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-41-3-1989?product_id=2257363) –Standard Methods for Pressure Measurement * [ASHRAE Standard 55-2017](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-55-2017?product_id=2034652) - Thermal Environmental Conditions for Human Occupancy * [ASHRAE Standard 62.1-2019](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-62-1-2019?product_id=2124173) – Ventilation for Acceptable Indoor Air Quality * [ASHRAE Standard 62.1-2007](http://www.techstreet.com/ashrae/products/1781326) – User’s Manual * [ASHRAE Standard 62.2-2007](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-62-2-2007?product_id=1879183) – Ventilation and Acceptable Indoor Air Quality in Low Rise Residential Buildings * [ASHRAE Standard 90.1-2016](https://www.techstreet.com/ashrae/standards/ashrae-spanish?product_id=2015092) (SI Edition) -- Energy Standard for Buildings Except Low-Rise Residential Buildings * [ASHRAE Standard 90.2-2007](http://www.techstreet.com/standards/ashrae/90_2_2007_spanish?product_id=1817402) - Energy Efficient Design of Low-Rise Residential Buildings * [ASHRAE Standard 100-2015](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-100-2015?product_id=2008221) – Energy Efficiency in Existing Buildings * [ASHRAE Standard 105-2014](http://www.techstreet.com/ashrae/products/1906338) - Standard Methods of Determining, Expressing, and Comparing Building Energy Performance and Greenhouse Gas Emissions * [ASHRAE Standard 111-2008](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-111-2008?product_id=1915618), Testing, Adjusting, and Balancing of Building HVAC Systems * [ASHRAE Standard 154-2003](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-154-2003?product_id=1817403) - Ventilation for Commercial Cooking Operations * [ASHRAE Standard 170 – 2013](http://www.techstreet.com/ashrae/products/1903958) - Ventilation of Health Care Facilities * [ASHRAE Standard 180-2008](http://www.techstreet.com/standards/ashrae/180_2008_spanish?product_id=1703558) - Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems * [ASHRAE Standard 185.2-2020](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-185-2-2020?product_id=2210631) -- Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts to Inactivate Microorganisms on Irradiated Surfaces * [ASHRAE Standard 188-2021](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-188-2021?product_id=2562890) – Legionellosis: Risk Management for Building Water Systems * [ASHRAE Standard 189.1-2011](http://www.techstreet.com/ashrae/products/1883670) - Standard for the Design of High-Performance Green Buildings * [ASHRAE Standard 189.3-2021](https://www.techstreet.com/ashrae/standards/ashrae-spanish?product_id=2570635), Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities * [ASHRAE Standard 202-2018](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-202-2018?product_id=2036951) – Commissioning Process for Buildings and Systems * [ASHRAE Standard 209-2018](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-209-2018?product_id=2037411) -- Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings * [ASHRAE Standard 230-2022](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-230-2022?product_id=2524558) -- Commissioning Process for Existing Buildings and Systems * [ASHRAE Standard 241-2023](https://www.techstreet.com/ashrae/standards/ashrae-spanish-standard-241-2023?product_id=2575012) -- Control of Infectious Aerosols * [[Lucy's Engineering Adventure](https://www.techstreet.com/ashrae/standards/spanish-hvac-design-manual-for-hospitals-and-clinics-2nd-ed?product_id=2015093)](https://www.techstreet.com/ashrae/standards/lucy-s-engineering-adventure-spanish?product_id=2568191) * [HVAC Design Manual for Hospitals and Clinics](https://www.techstreet.com/ashrae/standards/spanish-hvac-design-manual-for-hospitals-and-clinics-2nd-ed?product_id=2015093) * [Moisture Control Guidance for Building Design, Construction and Maintenance](https://www.techstreet.com/ashrae/standards/spanish-moisture-control-guidance-for-building-design-construction-and-maintenance?product_id=1923531) * [Thermal Guidelines for Data Processing Environments, 5th Ed.](https://www.techstreet.com/ashrae/standards/spanish-thermal-guidelines-for-data-processing-environments-5th-ed?product_id=2522936) * [Fundamentals of Water System Design (I-P)](https://www.techstreet.com/ashrae/standards/spanish-fundamentals-of-water-system-design-i-p?product_id=2257365) * [ASHRAE Design Guide for Dedicated Outdoor Air Systems](https://www.techstreet.com/ashrae/standards/spanish-ashrae-design-guide-for-dedicated-outdoor-air-systems?product_id=2179414) * [2010 Refrigeration Volume ASHRAE Handbook](http://www.techstreet.com/ashrae/products/1859156) * [ASHRAE Pocket Guide for Air Conditioning, Heating, Ventilation Refrigeration, 8th Ed.](https://www.techstreet.com/ashrae/standards/spanish-ashrae-pocket-guide-for-air-conditioning-heating-ventilation-refrigeration-8th-ed-i-p-si?product_id=1911629) * [Refrigeration Commissioning Guide for Commercial and Industrial Systems](http://www.techstreet.com/ashrae/products/1893786) * [ATECYR Relación entre el Edificio y el sistema de Climatización](http://www.techstreet.com/cgi-bin/detail?product_id=1703815) (Relationship between building and Air Conditioning System) * [ATECYR Instalaciones Solares Térmicas para producción de Agua Caliente Sanitaria](http://www.techstreet.com/cgi-bin/detail?product_id=1703814) (Solar Energy Installations for domestic hot water heating) * [NAFA -- Manual para la Instalacion, Operacion y Mantenimiento de Sistemas de Filtracion de Aire, Segunda Edicion](http://www.techstreet.com/cgi-bin/detail?product_id=1703821) * [ATECYR - Calidad del Aire Interior -](http://www.techstreet.com/cgi-bin/detail?product_id=1703812) DTIE 2.02 * [ATECYR Sistema de Suelo Radiante - DTIE 9.04](http://www.techstreet.com/cgi-bin/detail?product_id=1703813)   The standards, guidelines, and all ASHRAE publications may be purchased and downloaded on-line at our website, [[www.ashrae.org](file:///\\Ashrae100\technology$\Tech%20Srvs\Steve%20Winter%202010\FAQs\April%202010\www.ashrae.org)](file:///\\Ashrae100\technology$\Tech%20Srvs\Steve%20Winter%202010\FAQs\April%202010\www.ashrae.org) or by calling 1-800-527-4723 in the USA and Canada or 1-404-636-8400 worldwide. | | |  | | | | ASHRAE Pubs | See above | | |  | | | | Topic References | Spanish, Chinese, Portuguese, language, translations | | |  | | | | | |  |  |  | | --- | --- | --- | |  | Cognizant ASHRAE Committees | Refer to Organization | | 1 |  |  | | 2 |  |  | | 3 |  |  | | 4 |  |  | | 5 |  |  | | | |  | | | | |  |