



HOME & COMMERCIAL

Capitalize on Rising Demand for Energy-Saving Heating and Cooling Systems

OVERVIEW

Energy efficiency is quickly becoming a top priority for residential and commercial customers and policymakers. Not only can eco-friendly HVAC/R systems reduce monthly utility bills, testing shows they perform better mechanically and last longer than traditional models.

Today's sustainable buildings are also less costly to maintain, which is expected to lead to an increased demand for energy-efficient equipment. Access this growing market by certifying your HVAC/R products with the marks and labels customers depend on.

WHO ARE THE STANDARDS INTENDED FOR?

Energy-efficiency requirements apply to manufacturers of heating, ventilation, air conditioning, and refrigeration systems destined for global markets including North America. It can be valuable to assess your product beyond the minimum requirements of standards or local regulatory bodies. As more customers look for eco-friendly products that save money and the planet, equipment certified as highly efficient gives you a competitive advantage.

csagroup.org/hvac

THE CSA GROUP DIFFERENCE

Rely on an internationally recognized company with over 100 years of expertise and knowledge. From our early beginnings developing standards for railway bridges to today's latest sustainable technologies, we're always looking forward and developing innovative standards and testing programs for the most advanced and emerging technologies. Drawing on our industry accreditations, our customer-focused experts can create custom solutions that meet your unique testing, inspection, and certification needs. That's how we're holding the future to a higher standard.



HVAC systems in typical commercial buildings account for more than 40% of total energy use.



Standard Outline

When it really matters, customers choose CSA Group for your gas and electric HVAC/R testing and certification:

- Energy leadership: We offer key certification programs, including CSA Mark for USA/ Canada, CB Scheme, Energy Efficiency Verification (EEV), and ENERGYSTAR®. We are also accredited by IAS, AHRI, SCC, ANSI, and OSHA.
- Full-service provider: We conduct over 300 tests, including FER, AFUE, P2, and private testing. Our functional safety and cybersecurity services provide added peace of mind.
- Quick, efficient service: We know how important it is to get your equipment to new markets quickly, so we make the process as streamlined and efficient as possible.
- Top responsiveness: CSA Group is committed to responding more promptly than our competitors, and we aim to simplify the process each

Related Standards

- ANSI Z21.47/CSA 2.3 Gas Fired Furnaces
- ANSI Z21.13/CSA 4.9 Gas Fired Boilers
- ANSI Z21.10.1/CSA 4.1 Gas Fired Residential Water Heaters
- ANSI Z21.10.3/CSA 4.3 Gas Fired Commercial and Instantaneous Water Heaters
- ANSI Z83.8/CSA 2.6 Gas Fired Unit Heaters and Duct Furnaces
- ANSI Z83.19/CSA 2.35 Gas Fired High - Intensity Infrared Heaters
- ANSI Z83.20/CSA 2.34 Gas Fired Low - Intensity Infrared Heaters
- CSA C22.2 No. 60335-2-40 - electrical Heat Pumps, Air Conditioners
- CSA-C22.2 No. 60730-2-5 Ignition Systems
- ANSI Z21.78/CSA 6.20 Combination Controls for Gas Appliances
- ANSI Z21.15/CSA 9.1 Manual Gas Valves
- ANSI Z21.18/CSA 6.3 Gas Appliance Pressure Regulators



LET'S WORK TOGETHER

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