



ASHRAE FACTS & STATS

MISSION: Founded in 1894, the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) is an international nonprofit technical engineering society. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration (HVAC&R) to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

MEMBERSHIP: ASHRAE's technical foundation is built by its 50,000 volunteer members and a professional staff of 105. Across more than 132 countries, ASHRAE's membership in 171 chapters and more than 240 student branches includes consulting engineers (34%), contractors (10%) manufacturers (8%), manufacturing representatives/sales (6%), and architects (5%).

EXPERTISE: ASHRAE's areas of expertise include energy efficiency, indoor air quality, codes and standards, and guidance for a safe environment during extraordinary incidents.

STANDARDS: ASHRAE – with 123 standards and guidelines that establish recommended design and operation practice – is one of only five standards-developing organizations in the U.S. that can self-certify that its standards have followed American National Standards Institute's (ANSI) standards development procedures.

RESEARCH: ASHRAE's research program, established in 1912, supports 85 research projects with a combined value of more than \$10 million. Research focus includes energy and resource efficiency, indoor environmental quality, design and operation and management tools, alternative technologies and materials and equipment. Through scholarships, grants and awards, the Society supports engineering education for undergraduate students and research projects for graduate engineering students and new post-doctoral scholars.

TECHNICAL OVERSIGHT: ASHRAE has some 100 technical committees that drive the ASHRAE research program, develop standards, sponsor the technical program at ASHRAE meetings, develop technical articles, special publications and educational courses and write the *ASHRAE Handbook*.

PUBLICATIONS: ASHRAE produces hundreds of publications, including the *ASHRAE Handbook*, the bible of the HVAC&R industry, books on specialized topics within the field, and various CDs and DVDs. The Society also publishes the peer-reviewed monthly *ASHRAE Journal*, quarterly *High Performing Buildings* and bimonthly *HVAC&R Research*, the most prestigious reporting of archival research in the fields of environmental control for the built environment.

CONTINUING EDUCATION: Through the ASHRAE Learning Institute, ASHRAE offers courses in a variety of formats, including eLearning, professional development seminars (in locations around North America or online), short courses (seminars offered during ASHRAE meetings) and self-directed learning courses (home study courses).