

ACRONYM GUIDE

Last updated August 2024

AABC	Associated Air Balance Council
ACCA	Air Conditioning Contractors of America
ACEEE	American Council for an Energy-Efficient Economy
ACGIH	American Conference of Governmental Industrial Hygienists
ADS	Association for Dental Safety
AHAM	Association of Home Appliance Manufacturers
AHRI	Air-Conditioning, Heating, and Refrigeration Institute
AIA	The American Institute of Architects
AIHA	American Industrial Hygiene Association
AIRAH	Australian Institute of Refrigeration, Air-Conditioning and Heating
AMCA	Air Movement and Control Association International
AMPP	Association for Materials Protection and Performance (formerly NACE, National Association of Corrosion Engineers)
AMS	American Meteorological Society
ANSI	American National Standards Institute
ASAE	American Society of Agricultural Engineers
ASME	ASME (formerly American Society of Mechanical Engineers)
ASTM	ASTM International (formerly American Society for Testing and Materials)
AWWA	American Water Works Association
BACnet	Building Automation and Control Networks
BCxA	Building Commissioning Association

BCA	Building and Construction Authority of Singapore
BCAP	Building Codes Assistance Project
BCxP	Building Commissioning Professional
BEAP	Building Energy Assessment Professional
BEMP	Building Energy Modeling Professional
BEPS	Building Energy Performance Standards
BLAST	Building Load Analysis and System Thermodynamics (computer program)
BNL	Brookhaven National Laboratory
BOCA	Building Officials and Code Administrators International, Inc.
BOD	Board of Directors
BOD/ExCom	Board of Directors/Executive Committee
BOG	Board of Governors
BOMA	Building Owners and Managers Association International
BPI	Building Performance Institute
BRE	Building Research Establishment
BSI	British Standards Institute
BSR	Board of Standards Review (part of ANSI)
BSRIA	Building Services Research and Information Association
BTECC	Building Thermal Envelope Coordinating Council
CABO	Council of American Building Officials
CAE	Certified Association Executive
CAMEE	Council of American Mechanical and Electrical Engineers
CAR	Chinese Association of Refrigeration
CARB	California Air Rescue Board

CARI	Council of Air Conditioning and Refrigeration Industry
CBE	Center for the Built Environment
CBT	Center for Building Technology (NIST)
CCHVAC	China Committee of Heating, Ventilating and Air Conditioning
CCI	Clinton Climate Initiative
CDC	Centers for Disease Control (HHS)
CDP	Certified Decarbonization Professional
CEBD	Center of Excellence for Building Decarbonization
CEC	California Energy Commission
CEC	Conferences and Expositions Committee
CEN	Committee for European Normalization
CESSE	Council of Engineering and Scientific Society Executives
CFA	Consumer Federation of America
CFR	Center for Fire Research (NIST)
CFR	Current facility requirements
CGA	Canadian Gas Association
CGBC	Canada Green Building Council
CHD	Certified HVAC Designer
CIB	International Council for Building Research, Studies and Documentation
CIBSE	The Chartered Institution of Building Services Engineers
CII	Confederation of Indian Industry
CIS	Code Interaction Subcommittee (of Standards Committee)
CIQ	Chapter Information Questionnaire
CMA	Chemical Manufacturers Association



CMEA	Cyprus Mechanical Engineers Association
CMES	Mexico Green Building Council
CNV	Chair Not Voting
CO	Coordinating Officer
COF	College of Fellows
COP	Conference of the Parties
Co-RP	Research project led by another nonprofit focused on the built environment and co-funded by ASHRAE
CPSC	Consumer Product Safety Commission
CRC	Chapters Regional Conference
CRMA	Commercial Refrigerator Manufacturers Association
CSA	Canadian Standards Association
CSB	Construction Standards Board, ANSI
CSI	Construction Specifications Institute
CSME	Canadian Society for Mechanical Engineering
CSO	Chief Staff Officer
CT	Centralized Training
CTI	Cooling Tower Institute
CTTC	Chapter Technology Transfer Committee
CV / CNV	Chair Voting / Chair Not Voting
DAL	Director-at-Large
DANVAK	Danish Society of Heating, Ventilating and Air-Conditioning Engineers
DEI	Diversity Equity and Inclusion
DHS	Department of Homeland Security

DHW	Domestic Hot Water
DIN	Deutsches Institut für Normung
DITAR	Cooling and Air Conditioning Technical Division (Chile)
DKV	German Association of Refrigeration and Air-Conditioning Engineers
DL	Distinguished Lecturer
DMG	Data Management Group
DOC	Department of Commerce
DOD	Department of Defense
DOE	U.S. Department of Energy
DOE-2	A computer program for building energy analysis (from the U.S. Dept. of Energy)
DOT	Department of Transportation
DRC	Director and Regional Chair
DRSC	Document Review Sub-committee
DSA	Distinguished Service Award
ECB	Energy Cost Budget
ECO-TEC	Energy Code Official – Training & Education Collaborative
EEC	European Economic Community (Commission of the European Communities)
EI	Edison Electric Institute
EFRIARC	Portuguese Association of Refrigeration and Air-Conditioning
EHC	Environmental Health Committee
EHS	Environmental Health and Safety
EIA	Energy Information Administration (DOE)
EIB	Emerging Issue Brief

EISA	Energy Independence and Security Act
EPA	U.S. Environmental Protection Agency
EPRI	Electric Power Research Institute
ESA	Exceptional Service Award
ESME	Egyptian Society of Mechanical Engineers
ESP	Energy Simulation Program
ETE	Scientific Society for Building - ETL Testing Laboratories
ETS	Environmental Tobacco Smoke
CECOMAF	Committee of Manufacturers of Refrigeration Equipment
EVIA	European Ventilation Industry Association
EWB	Engineers Without Borders
EX	Ex-Officio
ExCom	Executive Committee
EXER	Energy Analysis for Sustainable Buildings
EX-O	Ex-Officio Member from the Board of Directors (also Ex)
ExSC	Executive Standards Council (of ANSI)
FACA	Federal Advisory Committee Act
FASHRAE	Fellow of ASHRAE
FGI	Facility Guidelines Institute
FI	Formaldehyde Institute
FINVAC	Finnish Association of Heating, Ventilating, and Air-Conditioning Societies
FMI	Food Marketing Institute
FMRC	Factory Mutual Research Corporation
FTC	Federal Trade Commission

FY	Fiscal Year
FYE	Fiscal Year Ending
GAC	Government Affairs Committee
GAMA	Gas Appliance Manufacturers Association
GAME	Greening ASHRAE Meetings and Expositions
GATT	General Agreement on Tariffs and Trade
GBA	Green Building Alliance
GBCB	Green Building Council Brazil
GBCI	Green Business Certification Institute
GBI	Green Building Initiative
GCCA	Global Cold Chain Alliance
GEMS	Generalized Engineering Modeling and Simulation
GHG	Greenhouse Gas Emissions
GIA	Grant-in-Aid
Global ABC	Global Alliance for Buildings and Construction (part of UNEP)
GMA	Grocery Manufacturers of America
GOST	USSR Standards Institute (Gosudarstvenny Standard)
GPC	Guideline Project Committee
GRI	Gas Research Institute
GRMI	Global Refrigerant Management Initiative
GRP	Government Co-sponsored Research Project (archaic)
GSA	General Services Administration
GSAE	Georgia Society of Association Executives
GSO	GCC (Gulf Cooperation Council) Standards Organization

GSPE	Georgia Society of Professional Engineers
GTC	Global Training Center
GTIC	Global Technical Interaction Committee (part of Tech Council)
GWP	Global Warming Potential
H&A	Honors & Awards
HARDI	Heating, Air-Conditioning and Refrigeration Distributors International
HBC	Handbook Committee
HBDP	High-Performance Building Design Professional
HFDP	Healthcare Facility Design Professional
HI	Hydronics Institute
HPAC	Heating/Piping/Air Conditioning (periodical)
HPB	High Performing Buildings Website (previously online magazine)
HRAI	Heating, Refrigerating and Air-Conditioning Institute of Canada
HUD	Department of Housing and Urban Development
HVAC&R	Heating, Ventilating, Air-Conditioning, and Refrigerating
HVI	Home Ventilating Institute
IACSC	International Association of Cold Storage Contractors
IAI	International Alliance for Interoperability
IAPMO	International Association of Plumbing and Mechanical Officials
IAQA	Indoor Air Quality Association
IARW	International Association of Refrigeration Warehouses
IBPSA	International Building Performance Simulation Association
ICBO	International Conference of Building Officials
ICC	International Code Council

ICHMT	International Centre for Heat and Mass Transfer
ICR	International Congress of Refrigeration
ICSP	Interagency Committee for Standardization Policy
ICVAC	Icelandic Heating, Ventilating and Sanitary Association
IDEA	International District Energy Association
IEA	International Energy Agency
IEA-DHC	International Energy Agency Technology Collaboration Programme on District Heating and Cooling Association
IEC	International Electrotechnical Commission
IEC	International Exposition Company
IECC	International Energy Conservation Code
IEEE	Institute of Electrical and Electronics Engineers
IEEE-SA	Electrical and Electronic Standards Board, ANSI
IEQ-GA	Indoor Environmental Quality Global Alliance
IES	Illuminating Engineering Society
IFHE	International Federation of Healthcare Engineering
IFMA	International Facility Management Association
IG	Industry Guidelines
IgCC	International Green Construction Code
IGBC	Indian Green Building Council
IGR	Innovative Research Grant
IHS	Information Handling Services
IIAR	International Institute of Ammonia Refrigeration
IICRC	Institute Inspection of Cleaning and Restoration Certification

IIR	International Institute of Refrigeration
IISE	Institute of Industrial and Systems Engineers
ILM	International Liaison Member
IMACA	International Mobile Air Conditioning Association
IMT	Institute for Market Transformation
IOR	Institute of Refrigeration (UK)
IRHACE	Institute of Refrigeration, Heating and Air-Conditioning Engineers of New Zealand, Inc.
ISA	Instrument Society of America
ISES	International Solar Energy Society
ISHRACE	Israel Society of Heating, Refrigeration & Air-Conditioning Engineers
ISHRAE	Indian Society of Heating, Refrigerating and Air-Conditioning Engineers
ISIAQ	International Society of Indoor Air Quality and Climate
ISO	International Organization for Standardization
ISO/DIS	ISO/Draft International Standards
ITCC	Interstate Truckload Carriers Conference
IWEC	International Weather for Energy Calculations
JAR	Japanese Association of Refrigeration
JARIA	Japanese Refrigeration and Air Conditioning Industry Association
JSRAE	Japan Society of Refrigeration and Air-Conditioning Engineers
KCEP	Kigali Cooling Efficiency Program
KFAS	Kuwait Foundation for the Advancement of Science
KGH	Serbian Society of Heating, Ventilating, Air-Conditioning, and Refrigerating
KNVVK	Royal Dutch Association of Refrigeration

LAFI	The Icelandic Heating, Ventilating and Sanitary Association
LANL	Los Alamos National Laboratory
LATVAC	Association of Heat, Gas & Water Technology Engineers of Latvia
LBNL	Lawrence Berkeley National Laboratory
LEED	Leadership in Energy and Environmental Design
LITES	Lithuanian Thermo technical Engineers Society
LIVI	Finnish Association of Civil Engineers
LMC	Life Members Club
MACS	Mobile Air Conditioning Society
MBO	Management by Objectives
MCAA	Mechanical Contractors Association of America
MCO	Manual for Chapter Operations
MHI	Manufactured Housing Institute
MIMA	Mineral Insulation Manufacturers Association
MOP	Manual of Procedures
MOR	Manager of Research
MORP	Manual of Recommended Practice
MORTS	Manager of Research and Technical Services
MOU	Memorandum (or Memoranda) of Understanding
MOS	Manager of Standards
MOT	Method of Test
MPS	Minimum Property Standards
MSCA	Mechanical Service Contractors of America
MTG	Multi-disciplinary Task Group

MVMA	Motor Vehicle Manufacturers Association of the United States
NAA	National Aeronautics Association
NAAB	National Architectural Accrediting Board
NAC	National Asbestos Council
NACME	National Action Council for Minorities in Engineering
NADCA	National Air Duct Cleaners Association
NAE	National Academy of Engineering of the United States of America
NAFA	National Air Filtration Association
NAHB	National Association of Home Builders of the United States
NAIMA	North American Insulation Manufacturers Association
NAM	National Association of Manufacturers
NAPHCC	National Association of Plumbing-Heating-Cooling Contractors
NAS	National Academy of Sciences
NATE	North American Technician Excellence, Inc.
NBI	New Buildings Institute
NBS	National Bureau of Standards
NC/CIE	National Committee of the International Commission on Illumination
NC/CIB	National Committee for the International Council for Building Research, Studies, and Documentation
NC/IIR	National Committee for the International Institute of Refrigeration
NCEES	National Council of Examiners for Engineering and Surveying
NCI	National Cancer Institute
NCIAQ	National Coalition on Indoor Air Quality
NCMA	National Concrete Masonry Association

NCMA	National Contract Management Association
NCS/BCS	National Conference of States on Building Codes and Standards
NCSL	National Conference of State Legislators
NEBB	National Environmental Balancing Bureau
NEC	National Electrical Code
NEHA	National Environmental Health Association
NEMA	National Electrical Manufacturers Association
NFI	National Fisheries Institute
NFPA	National Fire Protection Association
NGWA	National Ground Water Association
NHAW	North American Heating and Air Conditioning Wholesalers Association
NIBS	National Institute of Building Sciences
NIEHS	National Institute of Environmental Health Science
NIH	National Institutes of Health
NIOSH	National Institute of Occupational Safety and Health
NIST	National Institute of Standards and Technology
NOFR	Notice of Final Rulemaking
NOPR	Notice of Proposed Rulemaking
NORVAC	Norwegian Association of Heating Ventilating & Sanitary Engineers (also, NORSK VVS)
NPA	National Particleboard Association
NPP	National Program Plan (for Building Thermal Envelope Systems)
NRCA	National Roofing Contractors Association
NREL	National Renewable Energy Laboratory



NSAE	National Society of Architectural Engineers
NSF	National Sanitation Foundation
NSPE	National Society of Professional Engineers
NTIS	National Technical Information Service
NVKL	Refrigeration Association of the Netherlands
NVM	Non-voting member
NWS	National Weather Service (NOAA, Commerce)
NYSERDA	New York State Energy Research and Development Authority
ODS	Ozone Depleting Substances
OEA	Order of Engineers and Architects (Lebanon)
OEKKV	Austrian Air Conditioning and Refrigeration Society
OFAC	Department of Treasury's Office of Foreign Assets Control
OPMP	Operations & Performance Management Professional
OPR	Owner's Project Requirements
ORNL	Oak Ridge National Laboratory
OSHA	Occupational Safety and Health Administration (U.S. Dept. of Labor)
OUS/C	Outside United States and Canada
PAC	Political Action Committee
PAGA	Procedures for ASHRAE Guidelines Actions
PAHO	Pan American Health Organization
PAHRA	Partnership for Air Conditioning, Heating, Refrigeration Accreditation
PAOE	Presidential Award of Excellence
PASA	Procedures for ASHRAE Standards Actions
PC	Publications Committee

PCVM	Project Committee Voting Member
PD	Position Document
PDH	Professional Development Hours
PDS	Professional Development Seminars
PE	Professional Engineer (registered)
PEAC	President-Elect Advisory Committee
PEC	Publishing and Education Council
PERSI	Practice, Education, and Research for Sustainable Infrastructure
PES	Project Evaluation Subcommittee
PHIUS	Passive House Institute U.S.
PIE	Practicing Institute of Engineering
PINS	Project Initiation Notification System (of ANSI)
PL	Planning Committee (also PLC)
PM	Particulate Matter
PMS	Project Monitoring Subcommittee (for research projects)
PMSC	Project Monitoring Subcommittee Chair
PNNL	Pacific Northwest National Laboratories (Battelle)
PO	Purchase Order
PPIS	Planning, Policy and Interpretations Subcommittee (of Standards Committee)
PRAHA	Promoting Low-GWP Alternatives for the High Ambient Countries
PRSP	Peer review scoring program
PSCV	Project Subcommittee Voting Member
PSVARE	Philippine Society of Ventilating, Air Conditioning & Refrigerating Engineers
PTAR	Publication Topic Acceptance Request

PZITS	Polish Association of Sanitary Engineers and Technicians
RAP	Research Advisory Panel (part of RAC)
RAC	Research Administration Committee
RAL	Region-at-Large
RECI	Resilient and Efficient Codes Implementation
REHVA	Federation of European Heating Ventilation and Air Conditioning Associations
RETA	Refrigerating Engineers and Technicians Association
RFP	Request for proposal
RII	Resource Innovation Institute
RMCR	Region Members Council Representative
RMI	RMI (formerly Rocky Mountain Institute)
ROB	Rules of the Board
RP	Research Project (contracted)
RP	Research Promotion Committee
RPS	Research Planning Subcommittee (of Research Administration Committee)
RSES	Refrigeration Service Engineers Society
RTAR	Research Topic Acceptance Request
RVC	Regional Vice Chair
SAE	Society of Automotive Engineers
SAIRAC	South African Institute of Refrigeration and Air-Conditioning
SAREK	Society of Air Conditioning and Refrigerating Engineers of Korea
SBCCI	Southern Building Code Congress International
SD	Schematic Design
SDL	Self-Directed Learning course

SEAP	Simplified Energy Analysis Procedure
SEE	Society of Environmental Engineers
SEIA	Solar Energy Industries Association
SEREF	Solar Energy Research and Education Foundation
SERI	Solar Energy Research Institute
SES	Standards Engineering Society
SFPE	Society of Fire Protection Engineers
SGPC	Standing Guideline Project Committee
SH	Section Head (of Research Administration Committee)
SHASE	Society of Heating, Air-Conditioning & Sanitary Engineers of Japan
SITHOK	Slovenian Society of Refrigerating, Heating and Air-Conditioning Engineers
SMACNA	Sheet Metal and Air Conditioning Contractors' National Association
SMWIA	Sheet Metal Workers' International Association
SNC	Society Nominating Committee
SOEH	Society for Occupational and Environmental Health
SP	Special Project
SPC	Standard Project Committee
SPLS	Standards Project Liaison Subcommittee (of Standards Committee)
SPO	Strategic Plan Objective
SRC	Society Rules Committee
SRCC	Solar Rating and Certification Corporation (see SEIA)
SRS	Standards Reaffirmation Subcommittee (under Standards Committee)
SSPC	Standing Standard Project Committee
SSTP	Slovak Society of Environmental Technology

STBE	Science and Technology for the Built Environment
StdC	Standards Committee
StdC/ExCom	Standards Committee/Executive Committee
SVOC	Semi-Volatile Organic Compound
SWEDVAC	Swedish Society of Heating and Air-Conditioning Engineers
SWKI	Swiss Association of Heating and Air Conditioning Engineers
SY	Society Year
SYBUNT	Some Years, But Unfortunately Not This (Year), (fundraising term)
TAC	Technical Activities Committee
TAPPI	Technical Association of the Pulp and Paper Industry
TC	Technical Committee
TC	Technology Council
TCA	Truckload Carriers Association
TEC	Technical Evaluation Committee
TEC	Training and Education Committee
TECFRIO	Asociacion Nacional Capitulo Tecnico de ASOFRIO (Associate society of Venezuela)
TEE	Technical Chamber of Greece
TFBD	Task Force for Building Decarbonization
TG	Task Group
TIMSA	Thermal Insulation Manufacturers and Suppliers Association
TISP	The Infrastructure Security Partnership
TPS	Title, Purpose, and Scope
TRAC	Treasurer Elect Advisory Committee

TRACE	Trane Air Conditioning Economics (computer program for building energy consumption and life cost analysis)
TRG	Technical Resource Group
TRP	Tentative Research Project
TRRF	The Refrigeration Research Foundation
TTMD	Turkish Society of Heating, Ventilation Air Conditioning and Sanitary Engineers
TVVL	Dutch Society for Building Services
UBC	Uniform Building Code
UCA	Unvented Combustion Appliances
UFFI	Urea-Formaldehyde Foam Insulation
UFFVA	United Fresh Fruit & Vegetable Association
UL	UL (formerly Underwriters Laboratories)
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme (formerly UNE)
UNECE	United Nations Economic Commission for Europe
UNFCCC	United Nations Framework Convention for Climate Change
URP	Unsolicited Research Proposal
US/TAG	Technical Advisory Group (for ISO or IEC standards)
USGBC	U.S. Green Building Council
USMA	United States Metric Association
USNC/WEC	U.S. National Committee of the World Energy Conference
UVGI	Ultraviolet Germicidal Irradiation
VC	Vice Chair
VDI	The Association of German Engineers



VE	Value Engineering
VISRAE	Vietnam Society of Refrigeration and Air-Conditioning Engineers
WBI	World Building Institute
WFI	World Filtration Institute
WHO	World Health Organization
WMO	World Meteorological Organization
WRI	World Resources Institute
WS	Work Statement
WYEC	Weather Year for Energy Calculations
YEA	Young Engineers in ASHRAE
ZEB	Zero Energy Building

ASHRAE Terminology

ASHRAE Terminology, a free resource, is a comprehensive online glossary of more than 3,700 terms and definitions related to the built environment, with a focus on heating, ventilating, air conditioning, and refrigeration (HVAC&R), as well as building envelope, electrical, lighting, water and energy use, and measurement terms.

[ashrae.org/terminology](https://www.ashrae.org/terminology)



Short URLs

This is a list of ASHRAE's most popular short urls. Type **ashrae.org**, plus the short url, so the short url can be added at the end of **ashrae.org/**.

Page Name	Short URL	Full Link
2024 Annual Conference	/2025annual	https://www.ashrae.org/conferences/2025-annual-conference-phoenix
2025 Winter Conference	/2025winter	https://www.ashrae.org/conferences/2025-winter-conference-orlando
About ASHRAE	/about	https://www.ashrae.org/about
Advocacy Toolkit	/advocacytoolkit	https://www.ashrae.org/about/government-affairs/advocacy-toolkit
AEDGs	/aedgs	https://www.ashrae.org/technical-resources/aedgs
AHR Expo	/ahrexpo	https://ahrexpo.com/
ASHRAE & Industry History	/history	https://www.ashrae.org/about/mission-and-vision/ashrae-industry-history
ASHRAE 365	/365	https://www.ashrae.org/technical-resources/ashrae-apps/ashrae-365
ASHRAE Acronyms	/acronyms	https://www.ashrae.org/File%20Library/About/Marketing/ASHRAEAcronyms.pdf
ASHRAE Chapter Regional Conferences	/cracs	https://www.ashrae.org/conferences/chapters-regional-conferences-cracs
ASHRAE Chapters & Homepages	/chapters	https://www.ashrae.org/communities/chapters
ASHRAE Commercialism Policy & Guidelines	/commercialism	https://www.ashrae.org/about/governance/ashrae-commercialism-policy-and-guidelines
ASHRAE Foundation	/foundation	http://foundation.ashrae.biz/
ASHRAE Journal	/journal	https://www.ashrae.org/technical-resources/ashrae-journal
ASHRAE Logo Guide	/logoguide	https://www.ashrae.org/File%20Library/Footer%20Utility%20Nav/Permissions/ASHRAE-Logo-Guide_UPDATE-9-29-15.pdf
ASHRAE Pressroom	/news	https://www.ashrae.org/about/news



ASHRAE RP	/rp	https://www.ashrae.org/technical-resources/research/ashrae-rp
ASHRAE Society Scholarship Program	/scholarships	https://www.ashrae.org/communities/student-zone/scholarships-and-grants/ashrae-scholarship-program
ASHRAE's Core Values	/corevalues	https://www.ashrae.org/about/ashrae-s-core-values
Authoring Portal	/authoringportal	https://www.ashrae.org/technical-resources/authoring-tools/authoring-portal
Bookstore	/bookstore	https://www.techstreet.com/ashrae/ashraegate.html
Building EQ	/buildingeq	https://www.ashrae.org/technical-resources/building-eq
Certification	/certification	https://www.ashrae.org/professional-development/ashrae-certification
Chapter Information Questionnaire	/ciq	https://eweb.ashrae.org/eweb/dynamicpage.aspx?webcode=ASHRAEChapters
Code of Ethics	/codeofethics	https://www.ashrae.org/about/governance/code-of-ethics
Conference Marketing Resources	/conferencemarketing	https://www.ashrae.org/conferences/conference-resources/ashrae-conference-marketing
Conference Sponsorship	/sponsor	https://www.ashrae.org/conferences/conference-resources/winter-and-annual-conference-sponsorship-opportunities
Conferences	/conferences	https://www.ashrae.org/conferences
Connect-A-Colleague	/connect	https://www.ashrae.org/membership/my-ashrae/connect-a-colleague
Contact Us	/contactus	https://www.ashrae.org/about/contact-us
Data Center Guidance	/datacenters	https://www.ashrae.org/technical-resources/bookstore/datacom-series
Distinguished Lecturer Program	/dl	https://www.ashrae.org/communities/chapters/distinguished-lecturers
Coronavirus (COVID-19) Response Resources from ASHRAE Epidemic Task Force and Others	/Covid19	https://www.ashrae.org/technical-resources/resources
Events Calendar	/events	https://www.ashrae.org/conferences/conference-resources/events-calendar
Free Publications	/freepublications	https://www.ashrae.org/technical-resources/free-resources/publications



Global Training Center	/globaltrainingcenter	https://www.ashrae.org/professional-development/all-instructor-led-training/global-training-center
Governance	/governance	https://www.ashrae.org/about/governance
Government Affairs	/governmentaffairs	https://www.ashrae.org/about/government-affairs
Government Affairs Updates	/gaupdate	https://www.ashrae.org/about/government-affairs/government-affairs-updates
Grassroots Advocacy	/ggac	https://www.ashrae.org/about/government-affairs#takeaction
Hall of Fame Members	/halloffame	https://www.ashrae.org/membership/honors-and-awards/hall-of-fame-members
Handbook	/handbook	https://www.ashrae.org/technical-resources/ashrae-handbook
Handbook Online	/handbookonline	https://www.ashrae.org/technical-resources/ashrae-handbook/ashrae-handbook-online
Honors & Awards	/honorsandawards	https://www.ashrae.org/membership/honors-and-awards
Humidity Control Resources	/humiditycontrol	https://www.ashrae.org/technical-resources/bookstore/humidity-control-resources
HVAC Design & Operations Training	/training	https://www.ashrae.org/professional-development/all-instructor-led-training/hvac-design-and-operations-training
Instructor-Led Seminars & Short Courses	/ali	https://www.ashrae.org/professional-development/all-instructor-led-training/instructor-led-training-seminar-and-short-courses
Invest in ASHRAE to Shape Our Future	/donate	https://xp20.ashrae.org/secure/researchpromotion/rp.html
Job Board	/jobs	https://jobs.ashrae.org/
Join a Technical Committee	/joinatc	https://eweb.ashrae.org/eweb/TS_ProvisionalSignup.html
Join ASHRAE	/join	https://www.ashrae.org/join
K-12 Activities	/ashraek12	https://www.ashrae.org/communities/student-zone/k-12-activities
Leadership Academy	/leadershipacademy	https://www.ashrae.org/membership/leadership-academy
Leadership Voices	/leadershipvoices	https://www.ashrae.org/about/leadership/leadership-voices
Learn More About Getting Involved	/volunteer	http://www.ashrae.org/communities/volunteer



Life Members Club	/lmc	https://www.ashrae.org/communities/life-members-club
Logo Merchandise	/merchandise	https://www.ashrae.org/membership/merchandise
Manuscript Central	/manuscriptcentral	https://mc.manuscriptcentral.com/ashrae
Marketing Central	/marketing	https://www.ashrae.org/about/marketing-central
Member Promotion Resources	/freeresources	https://www.ashrae.org/membership/member-benefits/membership-promotion-resources
Frequently Asked Questions about Membership	/membershipfaqs	https://www.ashrae.org/membership/membership-faqs
Memoranda of Understanding	/mous	https://www.ashrae.org/communities/memoranda-of-understanding-mous
Online Instructor Led Training	/onlinecourses	https://www.ashrae.org/professional-development/all-instructor-led-training/online-instructor-led-training
PAOE	/PAOE	https://www.ashrae.org/communities/chapters/ashrae-chapters/presidential-award-of-excellence-paoe
Permissions	/permissions	https://www.ashrae.org/permissions
Planned Giving	/plannedgiving	https://www.ashrae.org/about/support-ashrae/planned-giving
Position Documents	/positiondocuments	https://www.ashrae.org/about/position-documents
President	/president	https://www.ashrae.org/about/leadership/ashrae-president
Privacy Policy	/privacy-policy	https://www.ashrae.org/privacy-policy
Refrigeration	/refrigeration	https://www.ashrae.org/technical-resources/refrigeration
Reach Employer Support Program	/reach	https://www.ashrae.org/membership/member-benefits/membership-promotion-resources/reach-employer-support-program
Read Only Versions of ASHRAE Standards	/previewstandards	https://www.ashrae.org/technical-resources/standards-and-guidelines/read-only-versions-of-ashrae-standards
Renew Membership	/renew	https://renew.ashrae.org/Login
Self-Directed or Group Learning	/grouplearning	https://www.ashrae.org/professional-development/self-directed-learning-group-learning-texts/self-directed-or-group-learning
Smart Start Program	/smartstart	https://www.ashrae.org/communities/student-zone/membership-and-meetings/smartstart-program



Society Snapshot	/societysnapshot	https://www.ashrae.org/about/society-snapshot
Standards 15 & 34	/standards15and35 also /15-34	https://www.ashrae.org/technical-resources/bookstore/ashrae-refrigeration-resources
Standards 62.1 and 62.2	/standard62 also /iaqinfo	https://www.ashrae.org/technical-resources/bookstore/standards-62-1-62-2
Standard 90.1	/standard901	https://www.ashrae.org/technical-resources/bookstore/standard-90-1
Standard 90.4	/90.4	https://www.ashrae.org/technical-resources/bookstore/supplemental-files/ansi-ashrae-standard-90-4-energy-standard-for-data-centers
Standard 228	/228	https://www.ashrae.org/technical-resources/bookstore/ansi-ashrae-standard-228-standard-method-of-evaluating-zero-net-energy-and-zero-net-carbon-building-performance
Standard 241	/241	https://www.ashrae.org/technical-resources/bookstore/ashrae-standard-241-control-of-infectious-aerosols
Strategic Plan	/strategicplan	https://www.ashrae.org/about/strategic-plan
Student Zone	/studentzone	https://www.ashrae.org/communities/student-zone
Center of Excellence for Building Decarbonization	/decarb	https://www.ashrae.org/about/CEBD-center-of-excellence-for-building-decarbonization
Translated Publications Available in 11 languages	/translations	https://www.ashrae.org/technical-resources/bookstore/translated-publications
Virtual Conferences	/virtualconferences	https://www.ashrae.org/conferences/virtual-conferences
Young Engineers in ASHRAE	/yea	https://www.ashrae.org/communities/young-engineers-in-ashrae-yea