

ENERGY & CONSTRUCTION ACRONYMS

A **AB:** Air Barrier

ACCA: Air Conditioning Contractors Association
ACEEE: American Council for an Energy Efficient Economy
ACH: Air Changes per Hour
AFUE: Annual Fuel Utilization Efficiency
AHAM: Association of Home Appliance Manufacturers
AHRI: Air-Conditioning, Heating and Refrigeration Institute
AHU: Air Handling/Handler Unit
ANSI: American National Standards Institute
AS: Air Seal or Air Sealing
ASHP: Air Source Heat Pump
ASHRAE: American Society of Heating, Refrigerating
and Air-Conditioning Engineers

B **BAS:** Building Airflow Standard

BA-T: Building Analyst-Professional
BBNW: Better Build Northwest
BCD: Building Codes Division
BD: Blower Door
BIA: Building Industry Association
BIBS: Blown-In Blanket System
BPA: Bonneville Power Administration
or Building Performance Association
BPI: Building Performance Institute
BSP: Building Science Principles
BTU: British Thermal Unit
BTUH: British Thermal Units per Hour

C **CAZ:** Combustion Appliance Zone

CCF: Cubic Foot (Natural Gas)
CDD: Cooling Degree Days
CEC: California Energy Commission
CEF: Clean Energy Fund
CF: Cubic Feet
CFA: Conditioned Floor Area
CFL: Compact Fluorescent Light
CFM: Cubic Feet per Minute
CO₂: Carbon Dioxide
CO: Carbon Monoxide
COP: Coefficient of Performance
CRI: Color Rendering Index

D **DB:** Duct Blaster or Dry Bulb

DEQ: Department of Environmental Quality
DHP: Ductless Heat Pump
DHW: Domestic Hot Water
DOE: Department of Energy

E **EA:** Energy Analyst/Advisor/Assessor or Earth Advantage

EE: Energy Efficiency
EEBA: Energy and Environmental Building Alliance
EER: Energy Efficiency Ratio
EF: Energy Factor
EIFS: Exterior Insulation and Finish Systems
ELR: Envelope Leakage Ratio

- E** **EO:** Executive Order
- EPA:** Environmental Protection Agency
- EPS:** Energy Performance Score or Expanded Polystyrene Insulation
- ERV:** Energy Recovery Ventilator
- ES:** ENERGYSTAR®
- EV:** Electric Vehicle
- F** **FAF:** Forced Air Furnace
- FE:** Fireplace Efficiency
- FHA:** Federal Housing Administration
- FSK:** Foil/Scrim/Kraft
- G** **GAMA:** Gas Appliance Manufacturers Association
- GBC:** Green Building Council
- GHG:** Greenhouse Gas
- GPM:** Gallons per Minute
- H** **HBA:** Home Builders Association
- HDD:** Heating Degree Days
- HE:** High Efficiency
- HEA:** Home Energy Assessment/Assessor
- HEF:** Home Energy Forum
- HERS:** Home Energy Rating System
- HES:** Home Energy Score
- HPC:** Home Performance Council/Coalition
- HPG:** Home Performance Guild
- HPWH:** Heat Pump Water Heater
- HRV:** Heat Recovery Ventilator
- HSPF:** Heating Seasonal Performance Factor
- HVAC:** Heating, Ventilation and Air-Conditioning
- HVI:** Home Ventilating Institute
- I** **IAQ:** Indoor Air Quality
- IBS:** International Building Show or Integrated Building Science
- ICAT:** Insulation Contact Air Tight
- ICC:** International Code Council
- ICF:** Insulated Concrete Form
- I** **IECC:** International Energy Conservation Code
- IRC:** International Residential Code
- IWC:** Inches of Water Column
- L** **LED:** Light-Emitting Diode
- LEED:** Leadership in Energy and Environmental Design
- LEL:** Lower Explosive Limit
- K** **kW:** Kilowatt
- kWH:** Kilowatt-Hours
- KW:** Knee Wall
- KWF:** Knee Wall Flat
- M** **MEP:** Mechanical Electrical Plumbing
- MERV:** Minimum Efficiency Reporting Value
- MF:** Multifamily
- MMBTU:** Million BTUs
- MSDS:** Material Safety Data Sheet
- MV:** Mechanical Ventilation
- MVL:** Minimum Ventilation Level
- MVR:** Minimum Ventilation Rate
- N** **NAHB:** National Association of Home Builders
- NAIMA:** North American Insulation Manufacturers Association
- NEEA:** Northwest Energy Efficiency Alliance
- NFA:** Net Free Area
- NFGC:** National Fuel Gas Code
- NFPA:** National Fire Protection Association
- NFRC:** National Fenestration Rating Council
- NG:** Natural Gas
- NGBS:** National Green Building Standard
- NHPC:** National Home Performance Conference
- NWN:** Northwest Natural
- O** **ODOE:** Oregon Department of Energy
- OEESC:** Oregon Energy Efficiency Specialty Code
- OHBA:** Oregon Home Builders Association

O **OHCS:** Oregon Housing and Community Services
OPUC: Oregon Public Utility Commission
ORACCA: Oregon Air Conditioning Contractors Association
ORMEP: Oregon Multifamily Energy Program
ORSC: Oregon Residential Specialty Code
OSEC: Oregon Solar Energy Conference
OSEIA: Oregon Solar Energy Industries Association
OSHA: Occupational Safety and Health Administration

P **Pa:** Pascal
PDC: Program Delivery Contractor
Phius: Passive House Institute U.S.
PMC: Program Management Contractor
PPE: Personal Protection Equipment
PPM: Parts per Million
PTCS: Performance-Tested Comfort Systems
PUC: Public Utility Commission
PV: Photovoltaics

Q **QA:** Quality Assurance
QC: Quality Control

R **RA:** Return Air
RAB: Rigid Air Barrier
RAC: Residential or Renewable Advisory Committee
REM/RATE: Residential Energy Management Rating
RESNET: Residential Energy Services Network
RESO: Real Estate Standards Organization
RH: Relative Humidity
RMSB: Residential and Manufactured Structures Board
RNC: Residential New Construction

S **SA:** Supply Air
SBCC: State Building Code Council (Washington)
SC: Shading Coefficient
SEER: Seasonal Energy Efficiency Ratio
SF: Square Feet, Single Family or Spray Foam

S **SFC:** Sustainable Forest Council
SFI: Sustainable Forestry Initiative
SHF: Sensible Heat Factor (same as SHR)
SHGC: Solar Heat Gain Coefficient
SHR: Sensible Heat Ratio (same as SHF)
SIP: Structural Insulated Panel
SLA: Specific Leakage Area
SOD: Street of Dreams
SPF: Spruce Pine Fir or Spray Polyurethane Foam
SRE: Sensible Recovery Efficiency
SSE: Steady State Efficiency

T **TSRF:** Total Solar Resource Fraction

U **UA:** U-Factor or U-Value (inverse of R-Value)
UEF: Uniform Energy Factor
USGBC: U.S. Green Building Council

V **VDR:** Vapor Diffusion Retarder
VOC: Volatile Organic Compound
VOL: Volume
VT: Visible Transmittance

W **WB:** Wet Bulb
WH: Whole-House or Water Heater
WHE: Whole-House Exhaust
WHMV: Whole-House Mechanical Ventilation
WRB: Weather-Resistant Barrier
WRT: With Reference/Respect To
WSEC: Washington State Energy Code
Wx: Weatherization/Weatherize

X **XPS:** Extruded Polystyrene

Z **ZERH:** Zero Energy Ready Home
ZERO: Zero Energy Ready Oregon
ZPR: Zonal Pressure Relief