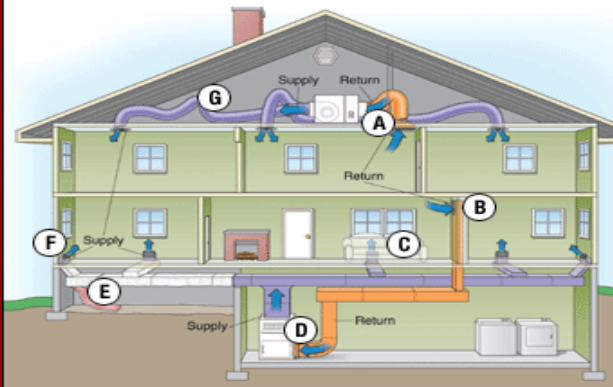


Common Duct Problems

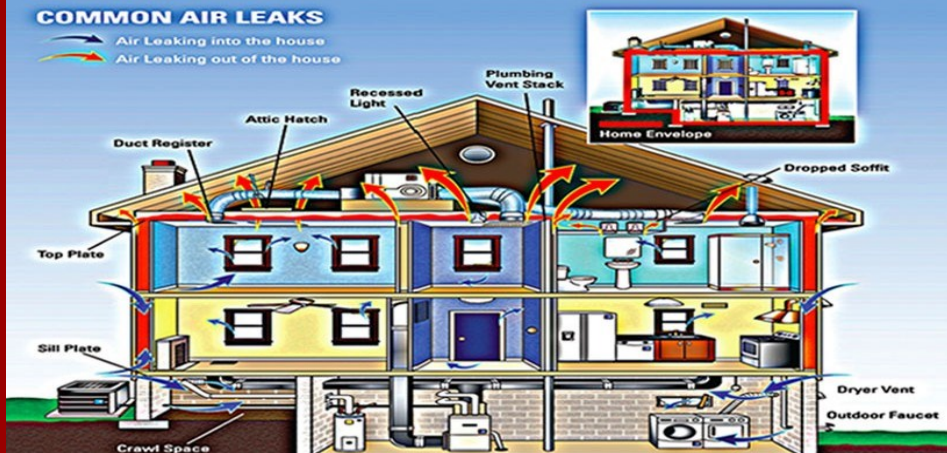


- (A) Leaky duct connection
- (B) Return leaks
- (C) Furniture blocking register
- (D) Leaks at furnace & filter slot and duct tape failure
- (E) Fallen duct insulation
- (F) Supply leaks
- (G) Kinks in ductwork restricting airflow

Source: EnergyStar

COMMON AIR LEAKS

- Air Leaking into the house
- Air Leaking out of the house



2015 Residential IECC with State Amendments & 2018 Legislative Update

This class will review the 2015 IECC residential code with state amendments (including 2018 Legislative actions) and an emphasis on the mechanical provisions. A special focus will be placed on:

- ◆ Blower testing and the Air Barrier and Insulation Table/Checklist
- ◆ Duct Blaster testing and the challenges associated with ducts outside the thermal envelope
- ◆ Proper HVAC sizing, design considerations, air flow, and Code requirements
- ◆ Does a Manual J, D and S design ensure comfort, or are there other considerations?
- ◆ Who's responsible for code compliance - Design Professional, Contractor, Code Official, or homeowner?

This will be a live seminar with an open format, where discussion is encouraged; questions and comments are welcome!



CONTINUING EDUCATION

Provided by

Utah State University
MOAB

In conjunction with

Grand County Building Department



COURSE INFORMATION

- ◆ **DATE** - Friday, November 8th, 2019 8:00 -5:00 sign-in starts at 7:45 am
- ◆ **LOCATION** - USU Moab, 125 W 200 S, Moab Rm #103 "O"
- ◆ **FEE** - \$30 per person
- ◆ **REGISTER** - Online at grandcountyutah.net/648/Continuing-Education-Opportunities
- ◆ **WHO SHOULD ATTEND** - All contractors; engineers; architects; residential owner/builders; inspectors; and anyone interested
- ◆ 6 CEUs toward contractor's license

ABOUT THE INSTRUCTOR

Brent Ursenbach is the Energy/Mechanical Code Specialist at West Coast Code Consultants, an ICC Certified Building Official and a LEED Accredited Professional. He recently retired as a Building Inspector in Salt Lake County. Previous experience includes 33 years in HVAC contracting and 5 years adjunct faculty at SLCC. He currently serves on several committees: ICC Code Development and Interpretation, ACCA, and the Utah Chapter ICC Code Development. He is a Past President on the RMGA (Rocky Mountain Gas Association) Board of Directors, served six years as Chair-Utah UBCC Mechanical Advisory Committee and 2019 Utah Chapter ICC Jess Miller Award Recipient. Brent has presented numerous seminars and classes on energy, mechanical & fuel gas code, as well as HVAC design principles. He received a B.S. in Sustainability Studies from U-Mass Amherst UWW. He currently provides statewide energy code training, working with the Utah Governor's Office of Energy Development Building Talks Program.