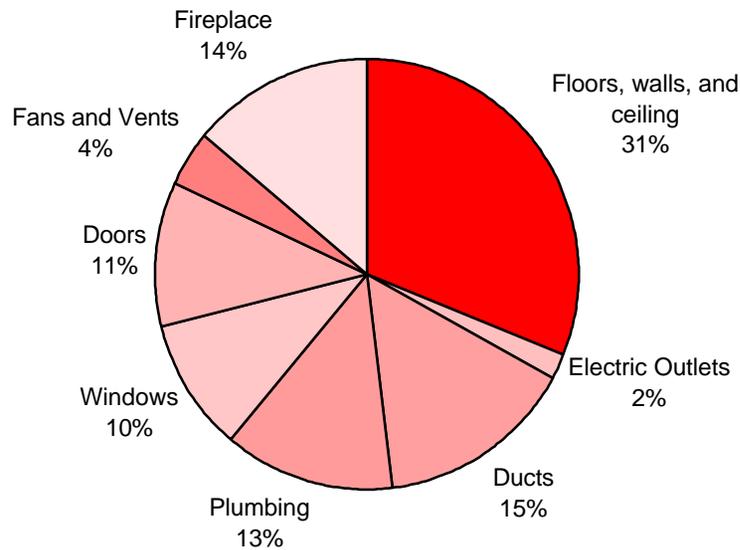


Air Leaks in Your Home



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How Does Air Escape?

Air infiltrates in and out of your home through every hole, nook, and cranny. About one third of this air infiltrates through openings in your ceilings, walls, and floors. Insulation and weather stripping helps to stop air leaks.

Be energy smart

**South Dakota
Public Utilities Commission**
State Capitol Building
500 East Capitol
Pierre SD 57501
Call: 1-800-332-1782
Fax: (605) 773-3809
Website:
<http://www.state.sd.us/puc/>

Be energy smart

Are High Heating Bills Burning You Up?



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Quick Fixes

Save up to 25%

Seal Out Cold Air

- Caulk and weatherstrip doors and windows
- Close chimney flues and seal unused fireplaces
- Seal exterior walls around pipes and wires
- Use plastic sheeting on the interior to make a temporary double-pane window.
- Close drapes on north-facing windows
- During winter months, open drapes on south-facing windows during the day to capture solar heating

Tune Up Heating System

- Tune up furnace or heat pump
- Change filters
- Bleed trapped air from hot water heaters
- Seal leaky ducts
- Check that furniture, carpeting or drapes do not cover registers

Improve Thermostat Performance

- Reduce temperature to lowest comfortable setting
- Close registers in unused rooms
- Lower thermostat 10 degrees when you leave home and when you go to bed
- Replace or clean the furnace filter monthly
- Lower water temperature on your water heater to 120 degrees; wash clothes in cold water instead of hot.

Long Term Solutions

Save up to 50%

Add Insulation

- Add insulation to attic and walls
- Insulate ducts and wall outlets

Replace Old Furnace and Water Heater

- Upgrade to a highly efficient furnace or heat pump when replacing old systems
- Consider buying a more efficient water heater
- Install a programmable thermostat

Windows

- Replace window coverings with thermal lined drapes
- Replace inefficient windows with double-paned, energy efficient windows

Plant Windbreaks

- Plant evergreen trees and shrubs to the north and northwest of the home
- Plant deciduous trees with high, spreading crowns to the south and west to let in the winter sun