

# Green 2/3

*Think -> Reclaim -> Rev*

Helping People, our Communities, our Environment

How does **GreenBy3<sup>sm</sup>** help people, communities, and our shared environment?

**Advisory Services**

**Reclamation of Materials and Deconstruction**

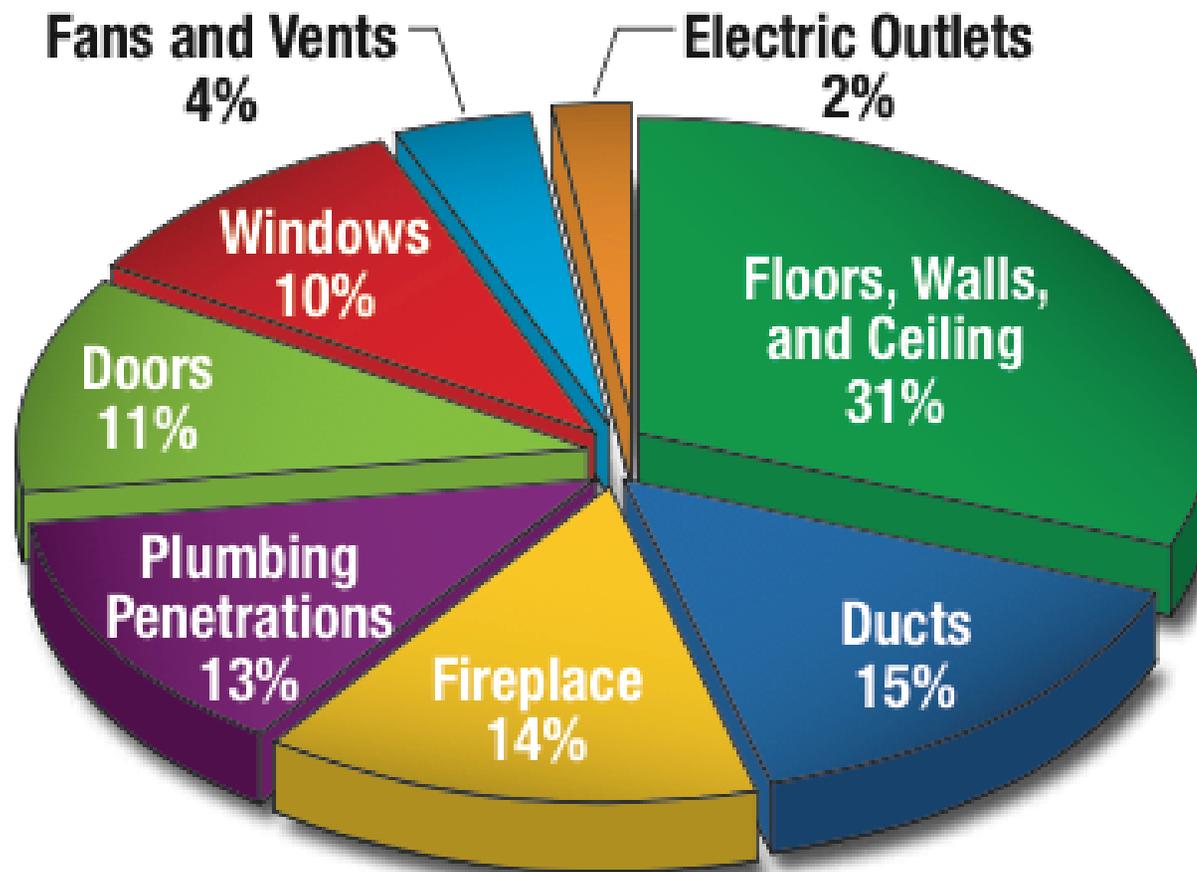
**Energy Guidance Services**

# Energy Guidance Services

For homes or business spaces, our Energy Guidance Services are designed to help you save money by learning various ways to lower your energy bills

We review the energy efficiency of the home or business space room by room and help the owners identify and prioritize issues to address. Often simple do-it-yourself fixes and behavior changes can save energy and begin to lower bills right away.

If professional help is needed, **GreenBy3<sub>sm</sub>** arranges and works with qualified companies to make their own assessments and offer bids/quotes. **GreenBy3<sub>sm</sub>** remains in an advising role to be sure the owner gets a solution that results in energy savings with a known company.



### **How Does the Air Escape?**

Air infiltrates into and out of your home through every hole and crack. About one-third of this air infiltrates through openings in your ceilings, walls, and floors.

## Problems:

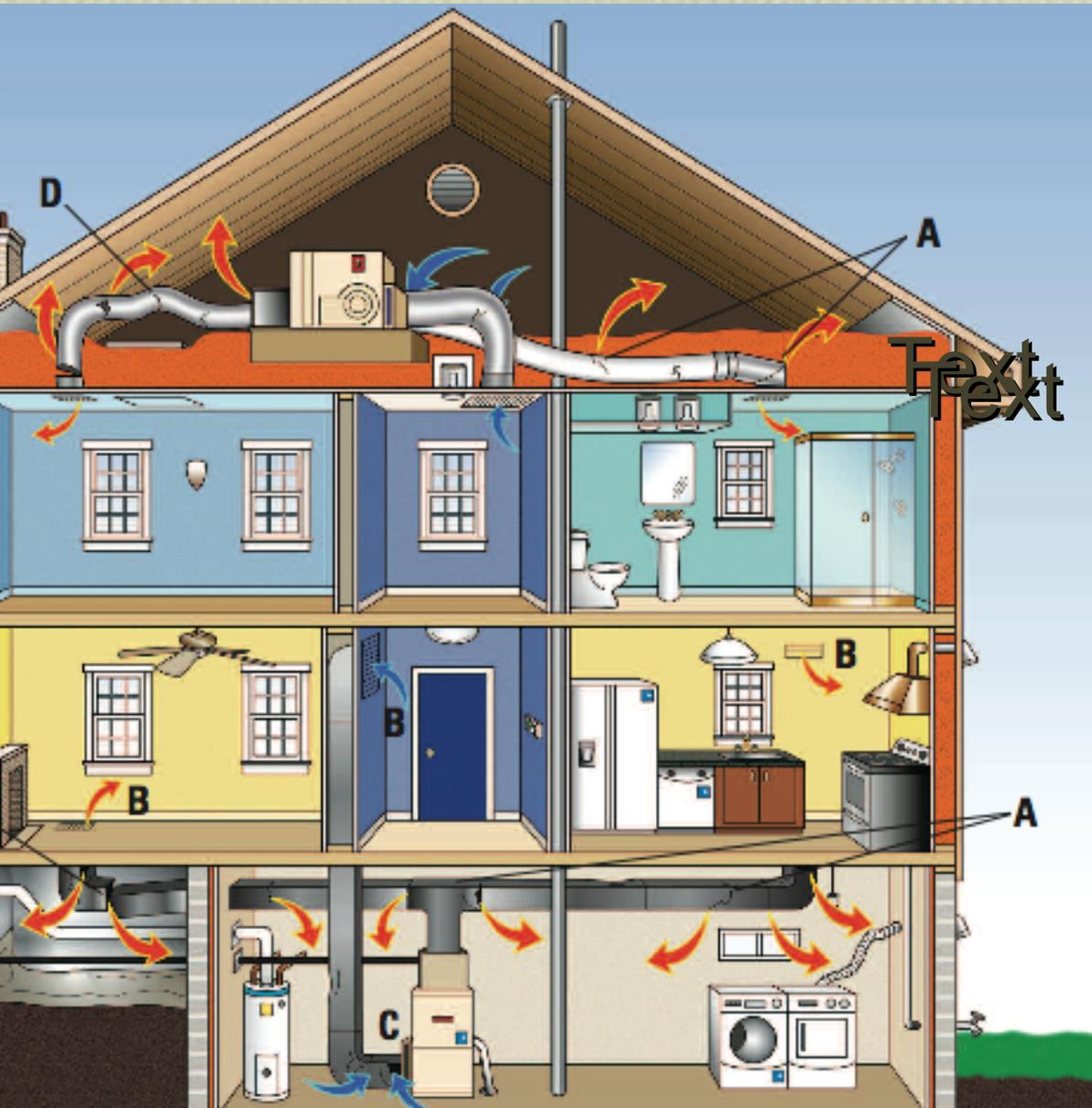
Leaky, torn or disconnected ducts

C. Leaks around furnace or filters

Poorly sealed registers or grills

D. Restricted air flow from kinks in duct bends

## Solutions



- Seal gaps behind registers and grills and where the duct meets the floor, wall, or ceiling

- Insulate ducts in unconditioned areas with insulation that carries an R-value of 6 or higher

- Include a new filter as part of any duct system improvement

- Repair or replace damaged, disconnected, or undersized ducts and straighten or replace flexible ducts that are tangled or crushed

- Seal leaks and connections with mastic or metal tape, or an aerosol-based sealant

How old are the units? This will give you good indication of when to  
them and time to look for an energy efficient unit

Clearings? - Make sure there is enough air flow around the units and is  
adequate (18-24" Clearance)

Clear of leaves

No shrubs against or close to the unit

Check

Insulation? - Insulate pipes to help from freezing in winter and get water to the  
faucets sooner

Faucets - fix all dripping faucets; check hose that might be left on in  
the yard when watering garden or yard

Are they CFL's?

Are they CFL's? Are they on timers or motion sensors?

and:

Windows; Vents



Use all Energy Star rated equipment and appliances (including computer equipment)

Adjust your thermostat down/up when leaving home and no one else is home

Use the spin cycle on washer 2-3 times (washer uses less energy than a dryer)

Use your microwave when warming up or cooking foods - microwaves use less energy than a stove or oven plus it doesn't heat the kitchen

Don't put hot foods in fridge

Install CFL's where you and your family spend most of the time

Lower the temperature on your hot water heater to 120°



l low-flow shower heads - 2.0 or less

l faucet aerators in bathrooms .05 - 1.0

l kitchen faucets usually need 2.0 or greater)

l old (milk) jugs for bladders in toilet tanks

l water your yard less often in the summer

l use rain barrels to collect rain water

l use a broom to clean off porches, driveways, sidewalks and  
l lawns instead of a hose

l Although most water heaters last 10–15 years, shop now for a  
l new one if yours is more than 7 years old

l Find out where your main water meter is and take a reading  
l before you are not using any water in your home. This may let  
l you know if there is a leak in you home

l Turn the water off at the meter when going away for several



# Green ~~By~~ 3

*Think -> Reclaim -> Rev*

Helping People, our Communities, our Environment

[www.GreenBy3.com](http://www.GreenBy3.com)