



Common Air Leaks

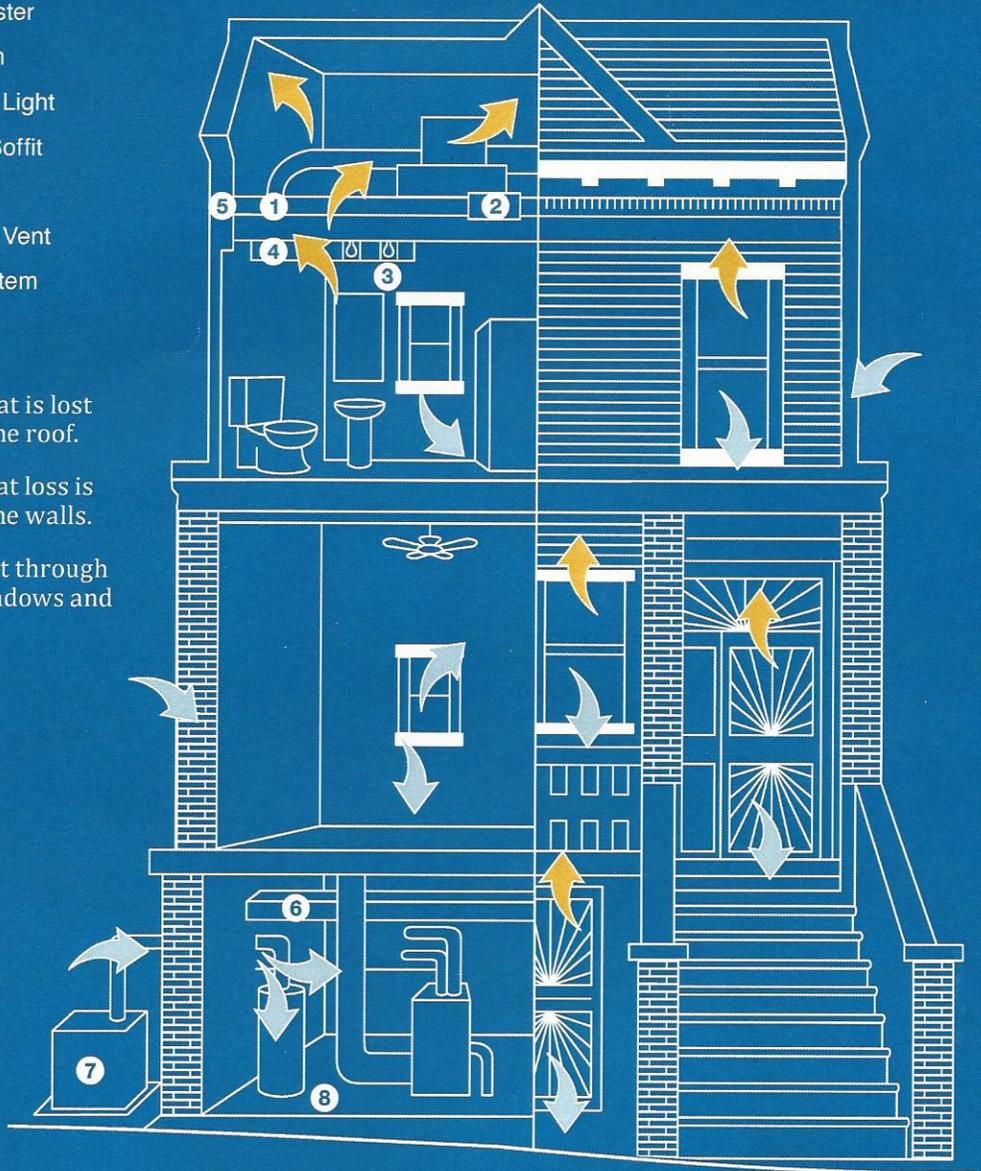
Where is your home losing energy?

The average Bronx home loses 40% of its energy through common air leaks.

- Air leaking out of the house
- Air leaking into the house

- 1 Duct Register
- 2 Attic Hatch
- 3 Recessed Light
- 4 Dropped Soffit
- 5 Top Plate
- 6 Basement Vent
- 7 HVAC System
- 8 Basement

- 25% of heat is lost through the roof.
- 35% of heat loss is through the walls.
- 40% is lost through doors, windows and the floor.



Data based on an uninsulated home according to the Haringey Council

For more information contact
the be² Program Manager
646.400.5430 | www.ssbx.org

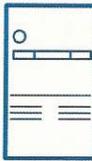
An Independent Contractor to:
myserda
Energy. Innovation. Solutions.

**SUSTAINABLE
SOUTH
BRONX**



Energy Saving Tips

Boiler



Regularly cleaning and maintaining your boiler can ensure efficiency and performance.

Consider hiring a heating contractor accredited by the Building Performance Institute. A combustion analysis will show if the boiler operating efficiently. If your boiler is 10-15 years old or not working, consider replacing the equipment with a high-efficiency unit labeled with Energy Star.

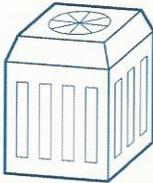
Attic Vents



Make sure all attic vents are *not blocked, allowing air to flow freely.* This

will minimize the use of an attic vent fan.

HVAC



Make sure your heating and cooling equipment is *properly-sized. Oversized or undersized* equipment wastes

energy, reduces comfort and shortens the life of the equipment. Check your HVAC (heating, ventilation, air ventilation, and air conditioning) air filters once a month during heavy use months in winter and summer. Replace filters at least every 3 months.

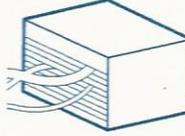
Lighting



For the best savings on lighting costs, buy Energy Star-qualified LED lights: which last a minimum of *25,000 hours or 22 years*

based on average household use, and *most come with a minimum three-year warranty.*

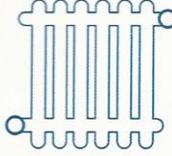
Air Conditioner



To prevent energy loss as winter approaches, remove your

window-unit air conditioner or insulate it from the outside with *a tight-fitting cover, available at local home improvement or hardware stores.*

Radiators



If your home has radiators, to reduce any heat loss, you can place

heat-resistant reflectors between your radiators and walls. *Bleed the air out of your radiators twice a year.*

Chimney/Fireplace



To minimize heat loss around the chimney and furnace flues, cover the gaps with metal flashing and caulk

small gaps with high temperature caulk. *Close your fireplace damper tightly when not in use to prevent warmed or cooled air from escaping.*

Battery Charging Systems and External Power Adapters



Unplug electronics that are not being used instead of turning them off because they *can still draw electricity from the outlet - otherwise known as "phantom load."* Instead, plug your battery charging system to a power strip, enabling you to shut off power with the flick of a switch.

Doors/Windows



Install door bottoms, threshold, or door "shoes" to seal gaps beneath exterior doors. Minimize heat loss and save energy,

caulk and weatherstrip your doors and windows. As winter approaches, replace your window screens with storm windows to provide an extra barrier to the cold outside air. *If replacing windows and doors, choose Energy Star qualified models and save approximately \$20-\$95 per year in energy costs.*

Furnace



Sealing and insulating your furnace ducts will improve the efficiency of your *heating and cooling system by as much as 20%.*

Ceiling Fan



Using a ceiling fan along with your air conditioner

can circulate cool air throughout the room cooling it more efficiently. Ceiling fans can also help heat your home. Most fans have a switch allowing you to reverse the motor and operate the ceiling fan in the opposite direction. *Reversing the fan forces warm air near the ceiling down into the living space.*

For more information contact the be² Program Manager

646.400.5430 | www.ssbx.org

An Independent Contractor to:

nyserda
Energy. Innovation. Solutions.

**SUSTAINABLE
SOUTH
BRONX**

