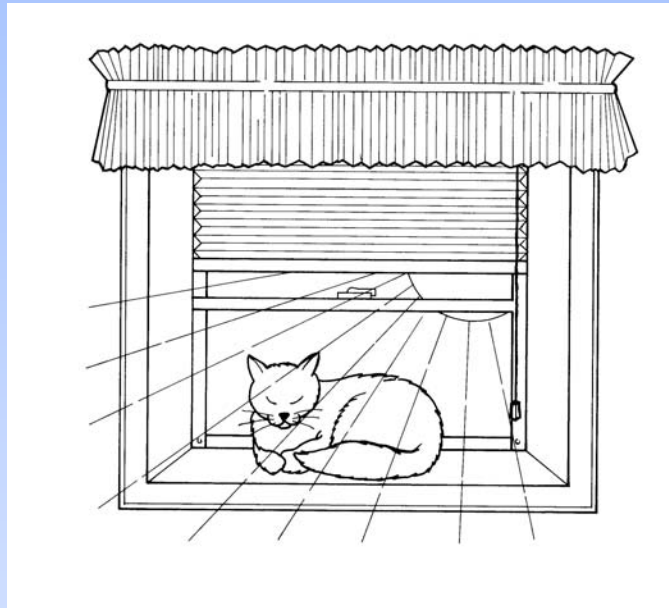
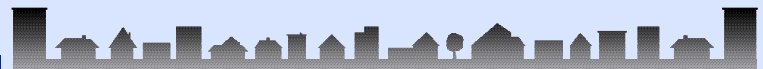




12 Ways to Save Energy: Opportunities for Efficiency in Affordable Housing

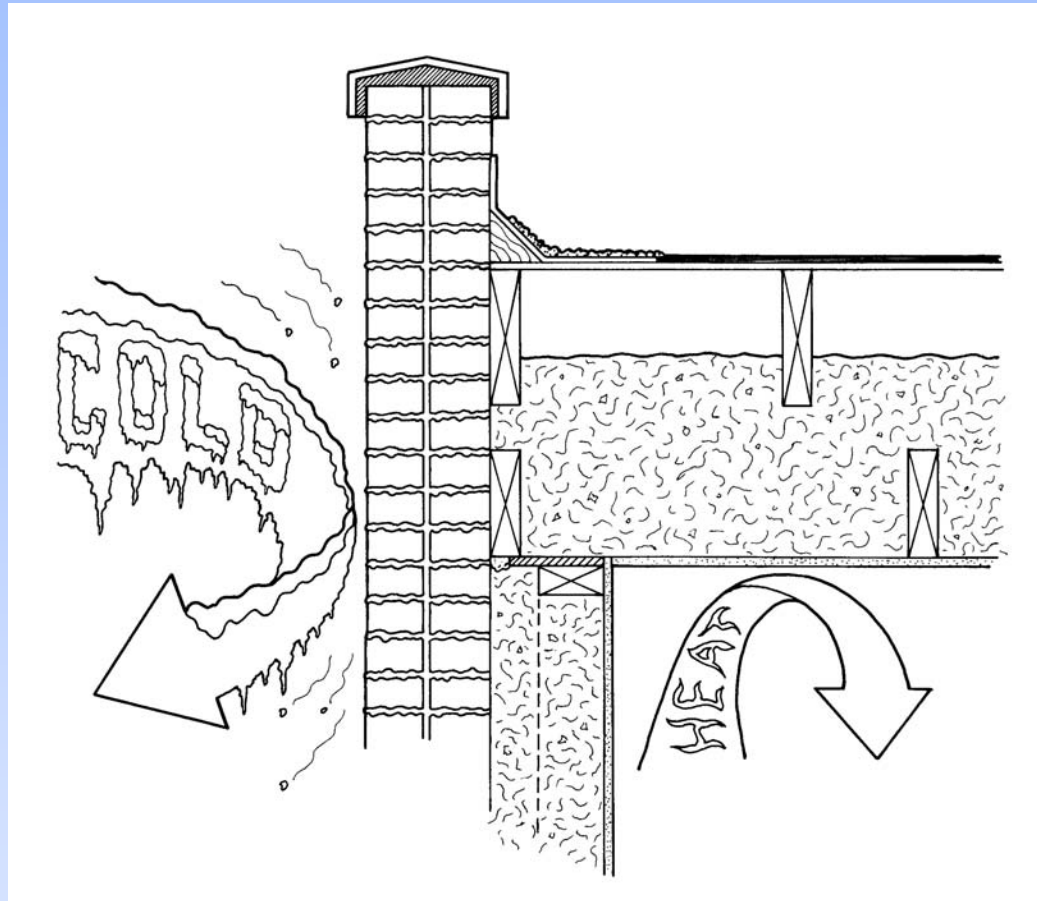


Jim Cavallo
Midwest Energy Performance Analytics, Inc.
Downers Grove, IL



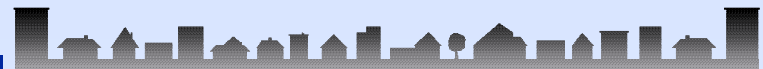


Measure Your Insulation



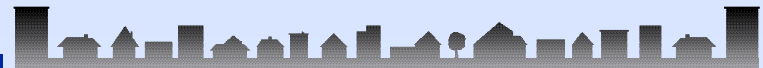
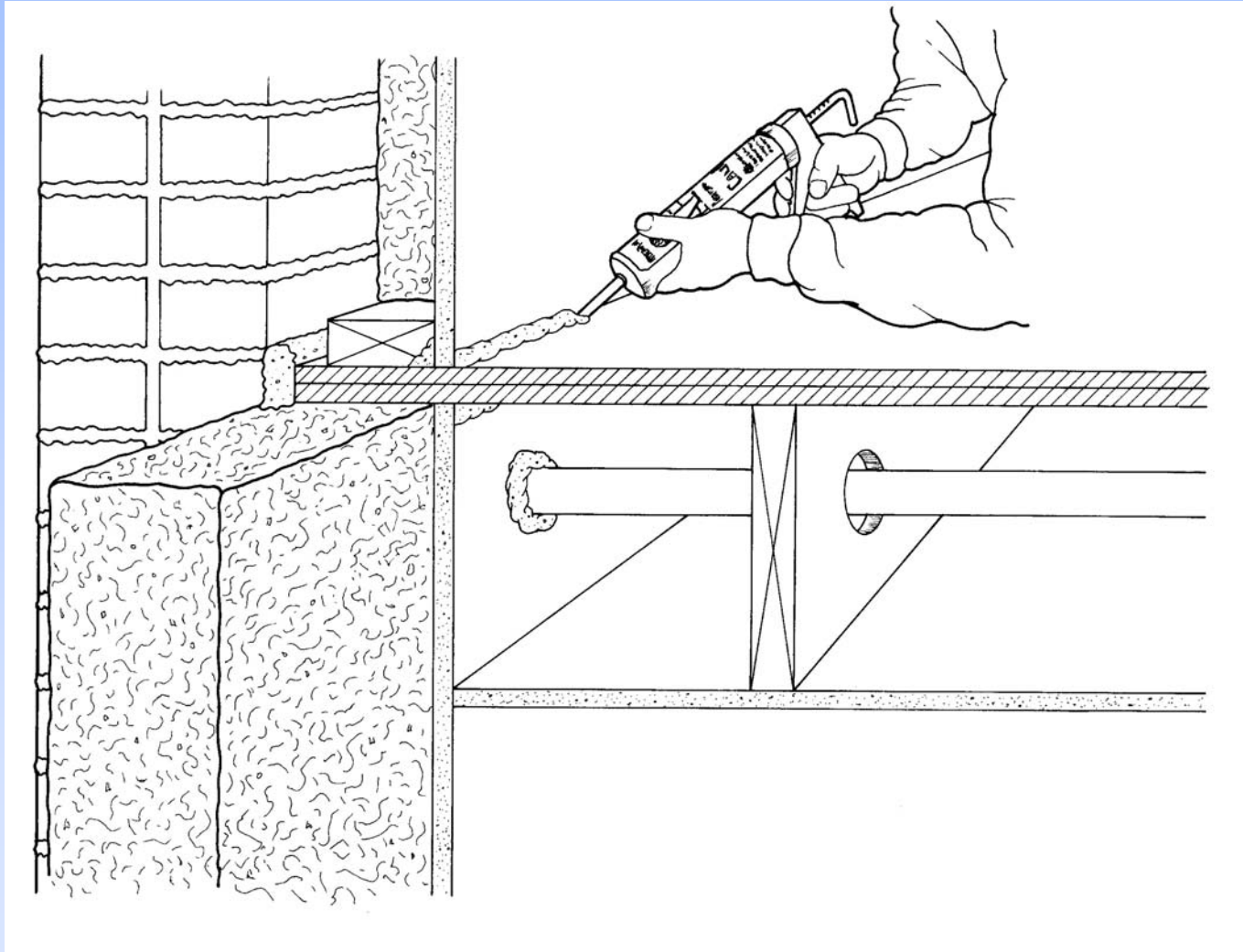
Attic insulation should be R-49 or more

Basement wall insulation should be R-10



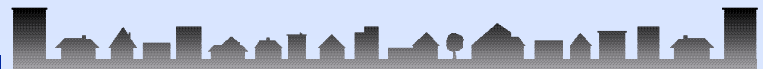


Caulk Floor Perimeters & Weatherstrip Attic Hatches



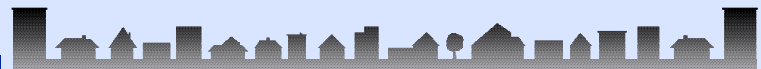
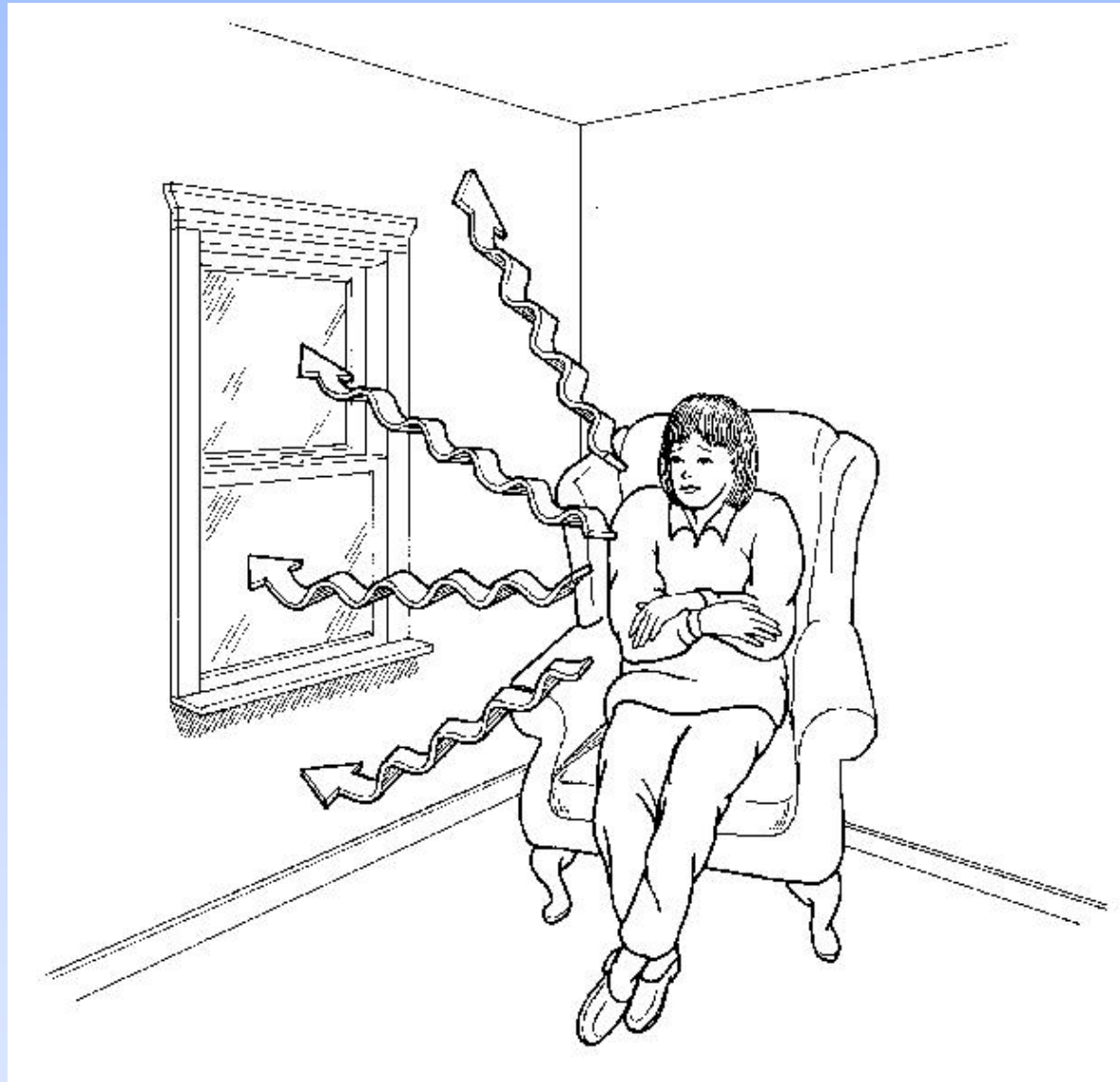


New Windows Rarely Payback the Cost of Replacement



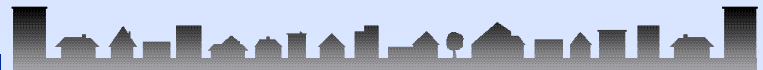
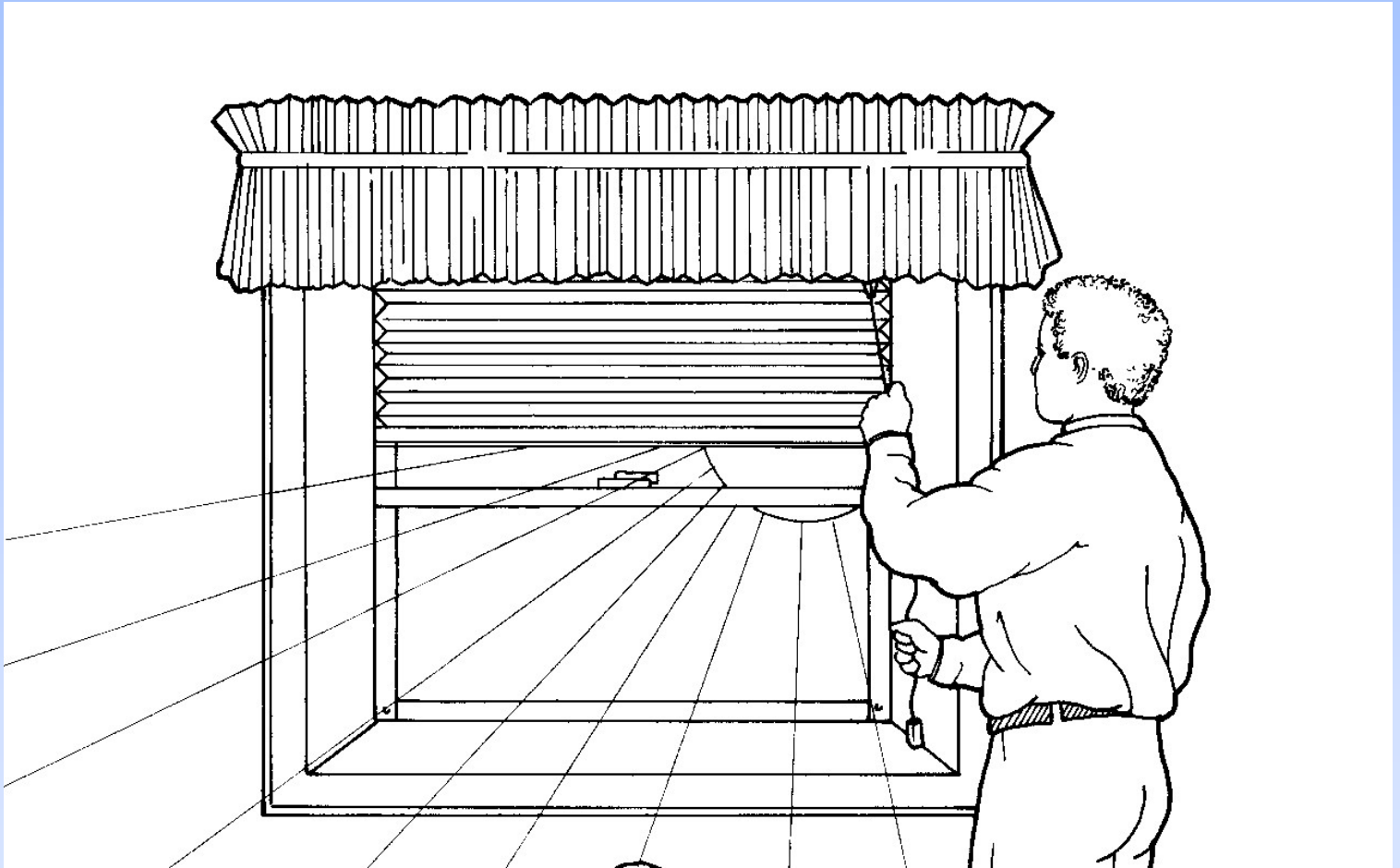


Drapes Can Act Like Moveable Insulation





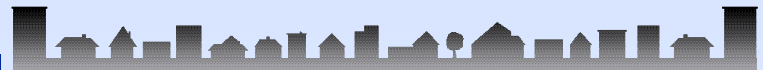
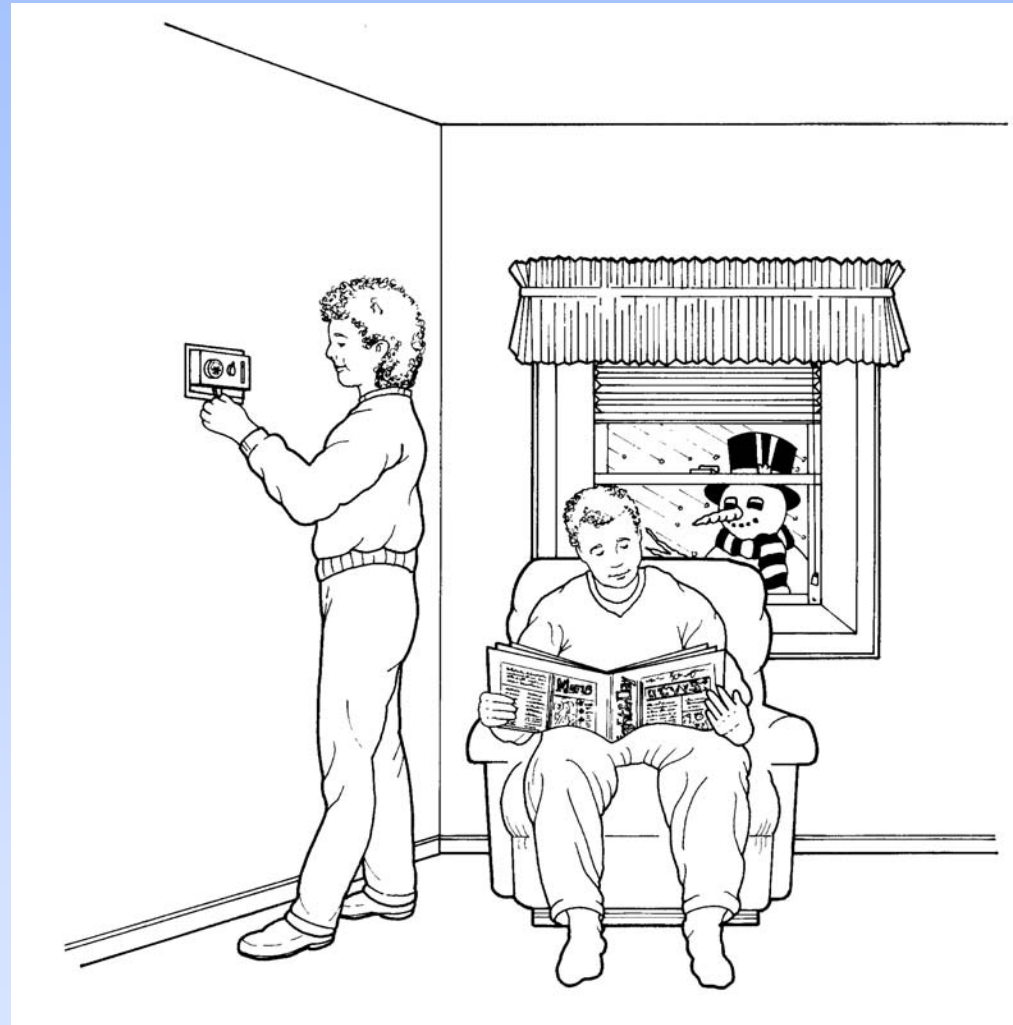
Open the Shades during the Day in Winter, Shut Them at Night; Reverse in Summer





Set Back the Thermostat

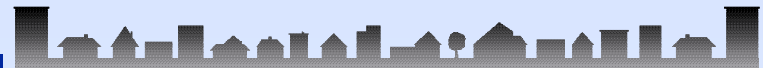
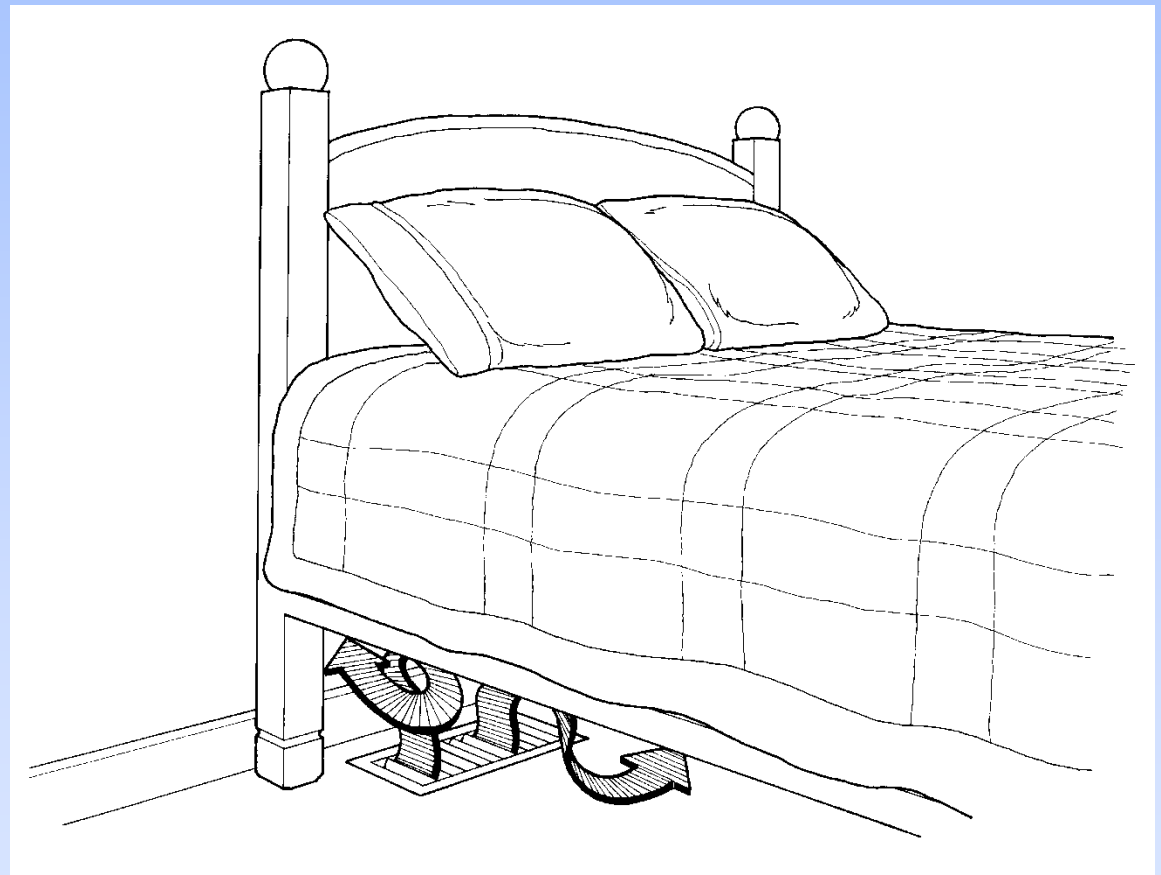
Turning your thermostat down by more than 5 degrees when you leave the house for more than 3 hours and when you sleep at night will save about 10 percent on your space heating bills





Don't Block Radiators or Registers

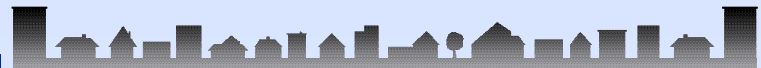
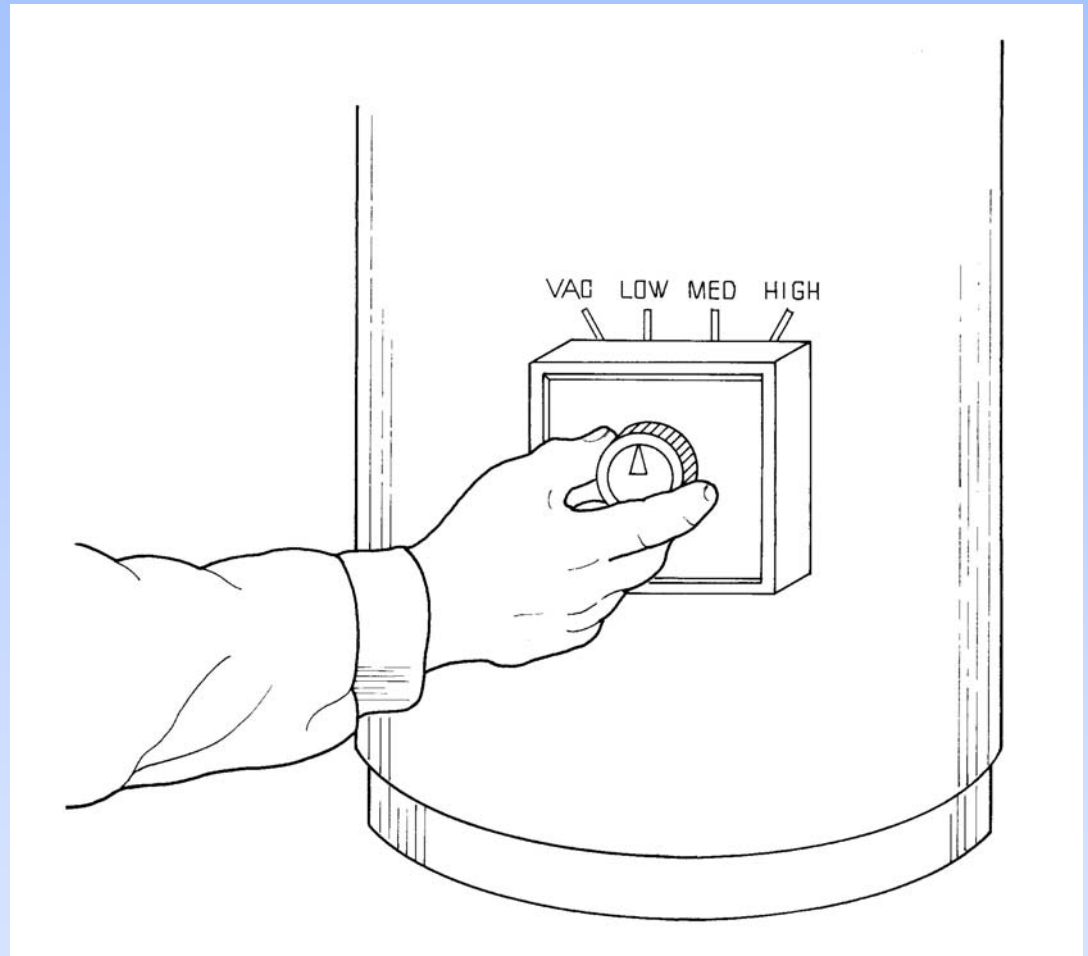
Keeping your duct registers and radiators clean and clear will allow the warm air to reach you and circulate around the room





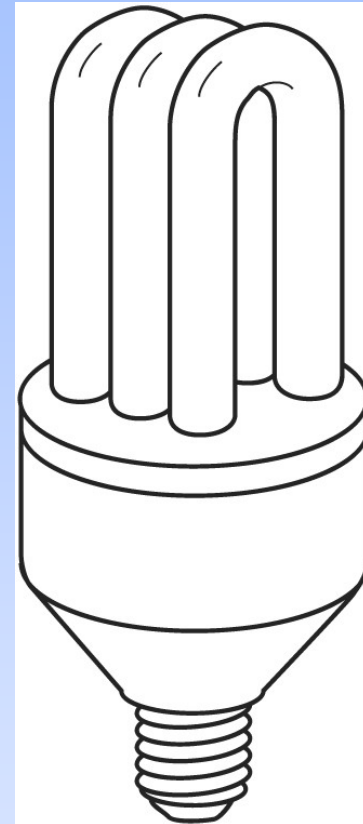
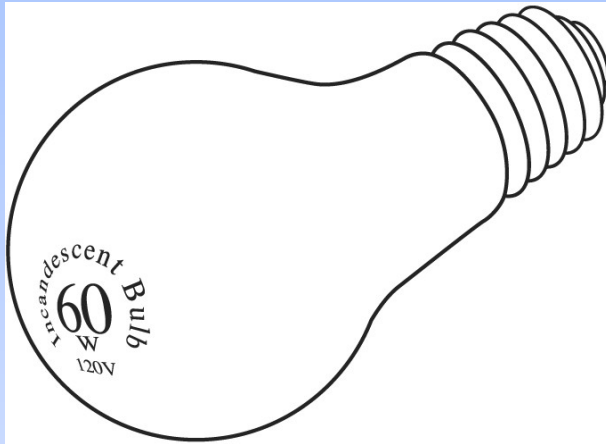
Water Heater

Hot water should never be too hot. Don't set your water heater higher than 120°. Water that is too hot is not just a waste of energy, it is a scalding hazard

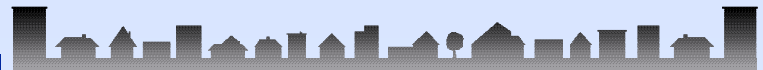




CFL

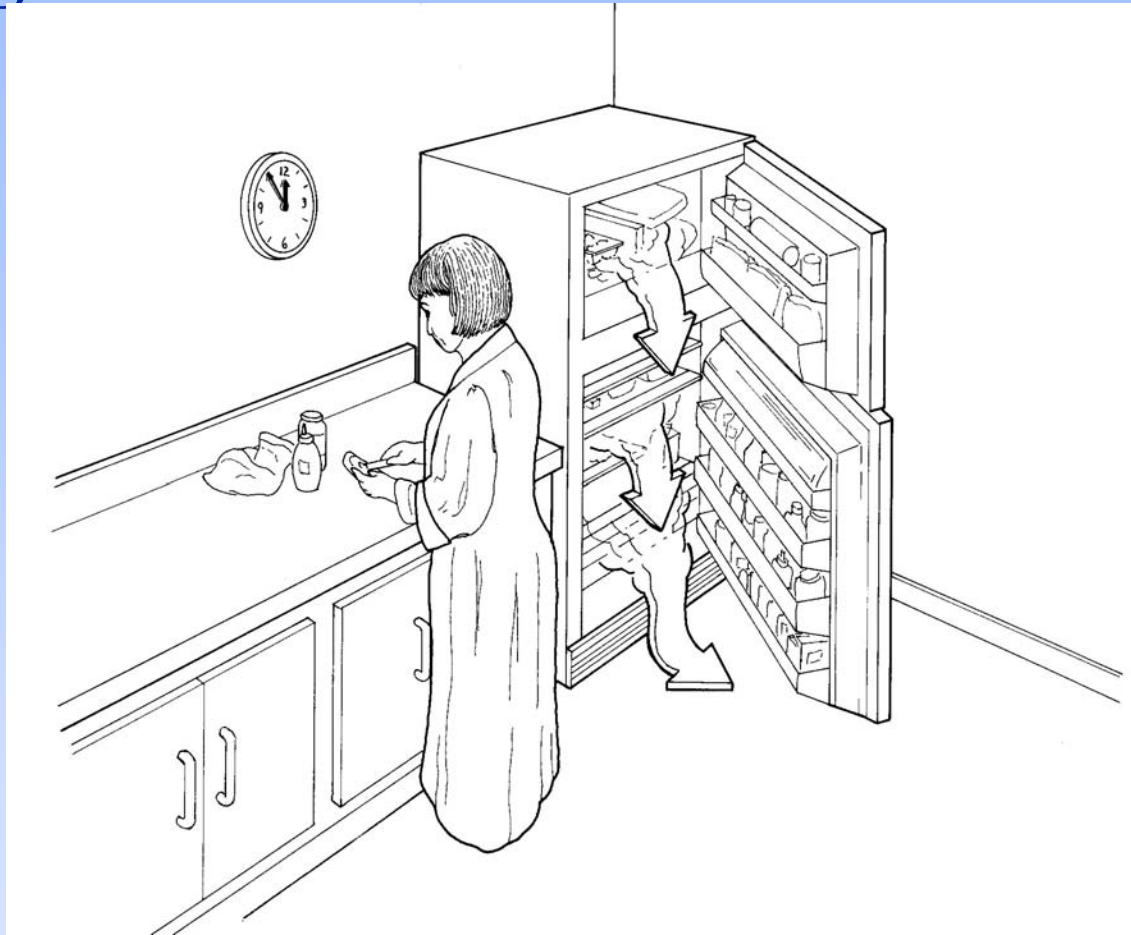


Replace the bulb of any light that is on for more than 2 hours each day on average with a compact fluorescent light bulb

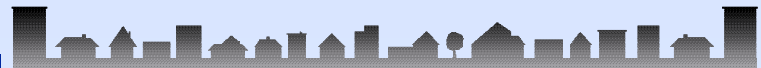




Refrigerator

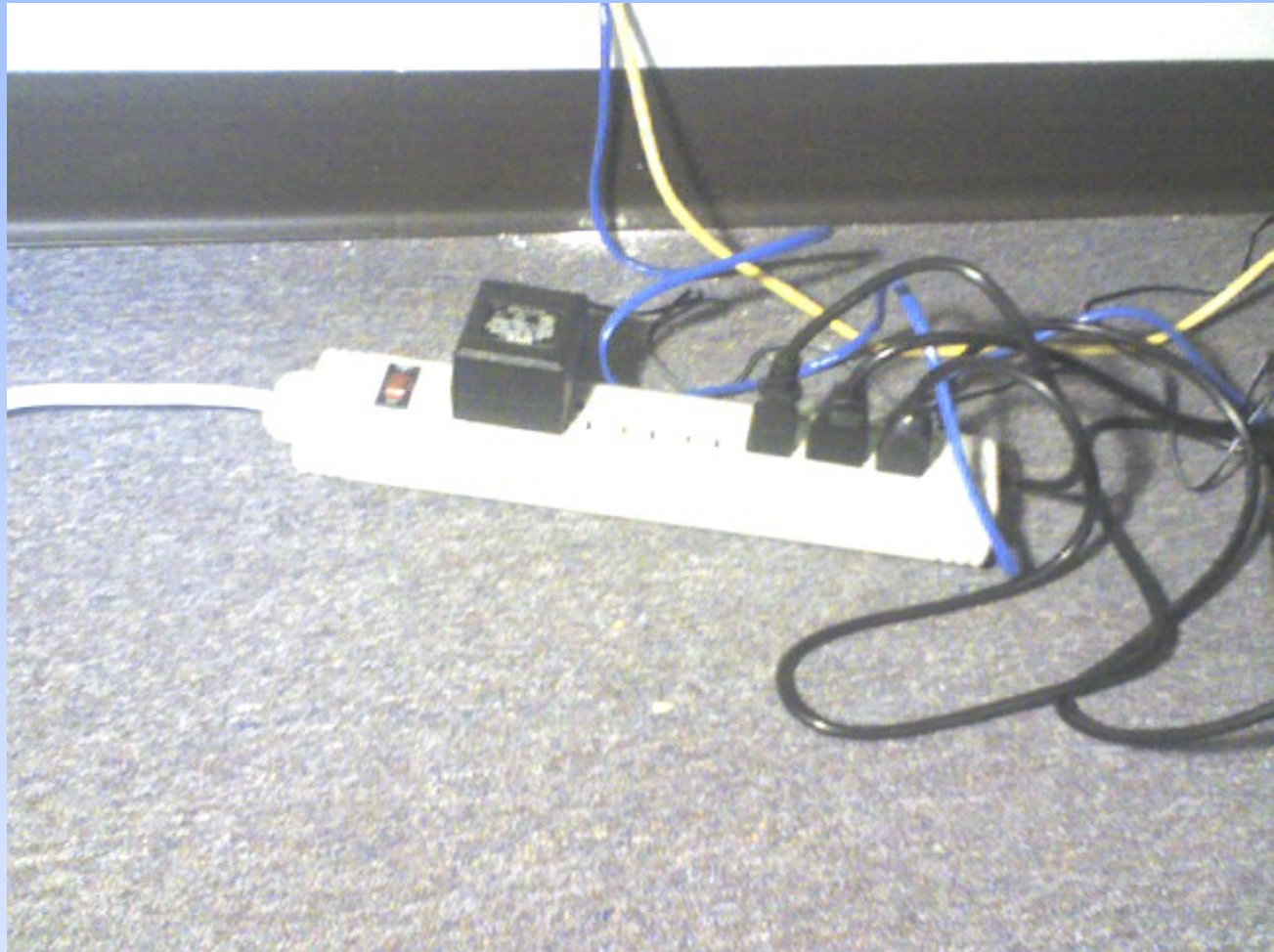


Set your refrigerator to keep your food at 38°. Don't let the food compartment get too cold: it will freeze your fruits and vegetables and waste energy

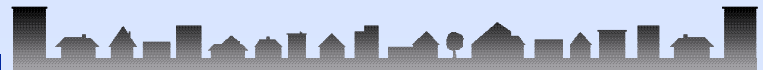




Power Strips



Phantom load is a growing problem: plug electronic devices into a power strip and turn them off each night

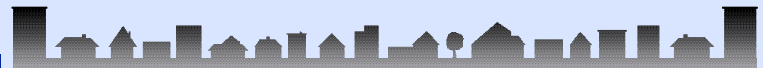




Fans

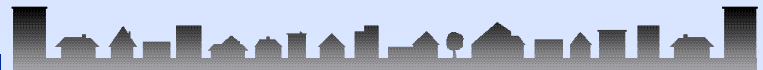
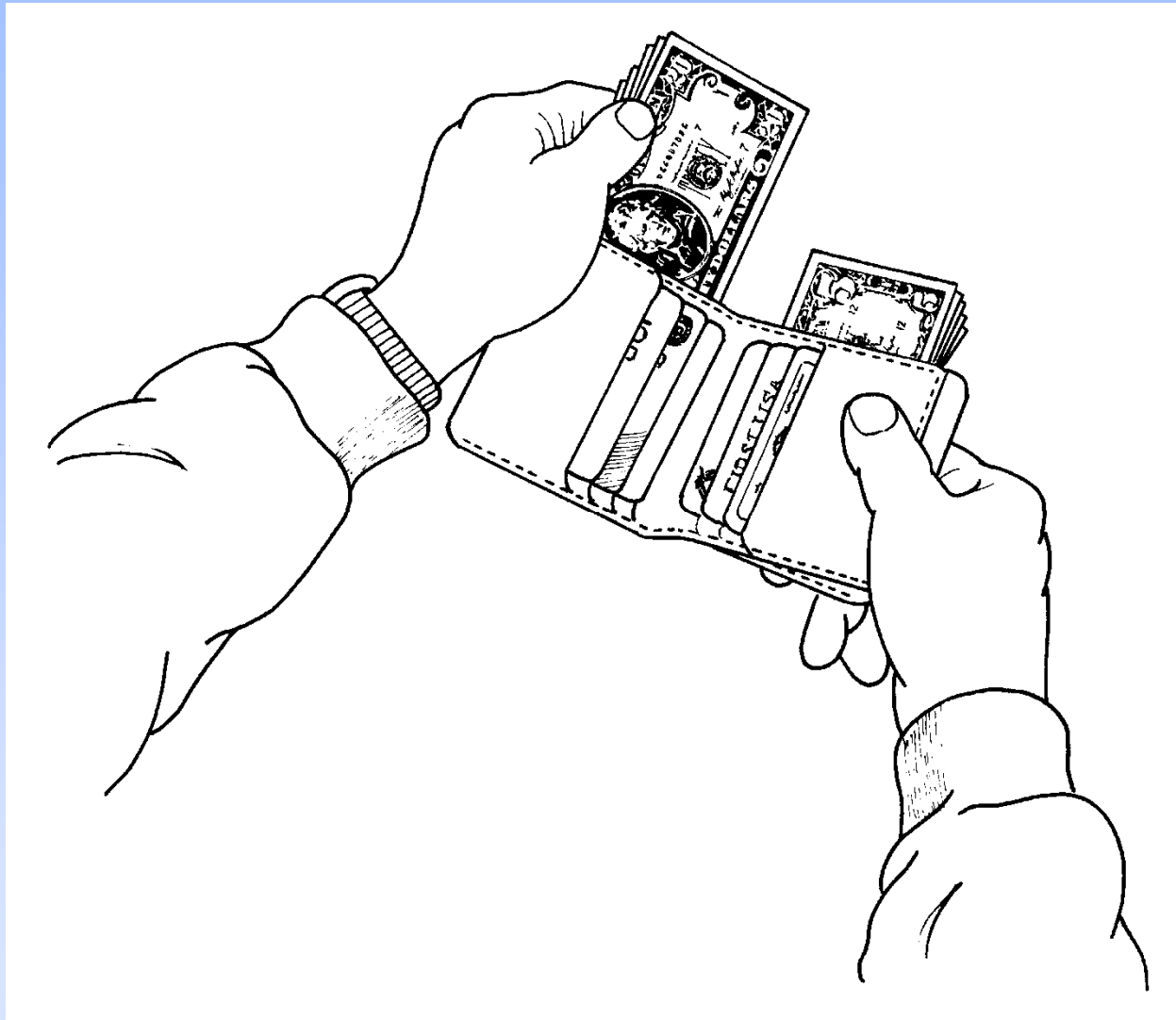


Turn off the air conditioning and open a window on cooler evenings in the summer or during mild weather. Window fans work well when the sun goes down.





Saving Energy Will Save You Money





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