

ASHRAE Consumer Center

Top 10 Ways Homeowners Can Ensure Good Indoor Air Quality

from the American Society of Heating, Refrigerating and Air-Conditioning Engineers

1. Vent bathrooms, kitchens, toilets and laundry rooms directly outdoors. Use energy efficient and quiet fans.

2. Avoid locating furnaces, air conditioners and ductwork in garages or other spaces where they can inadvertently draw contaminants into the house.

3. Properly vent fireplaces, wood stoves and other hearth products; use tight doors and outdoor air intakes when possible.

4. Vent clothes dryers and central vacuum cleaners directly outdoors.

5. Store toxic or volatile compounds such as paints, solvents, cleaners and pesticides out of the occupiable space.

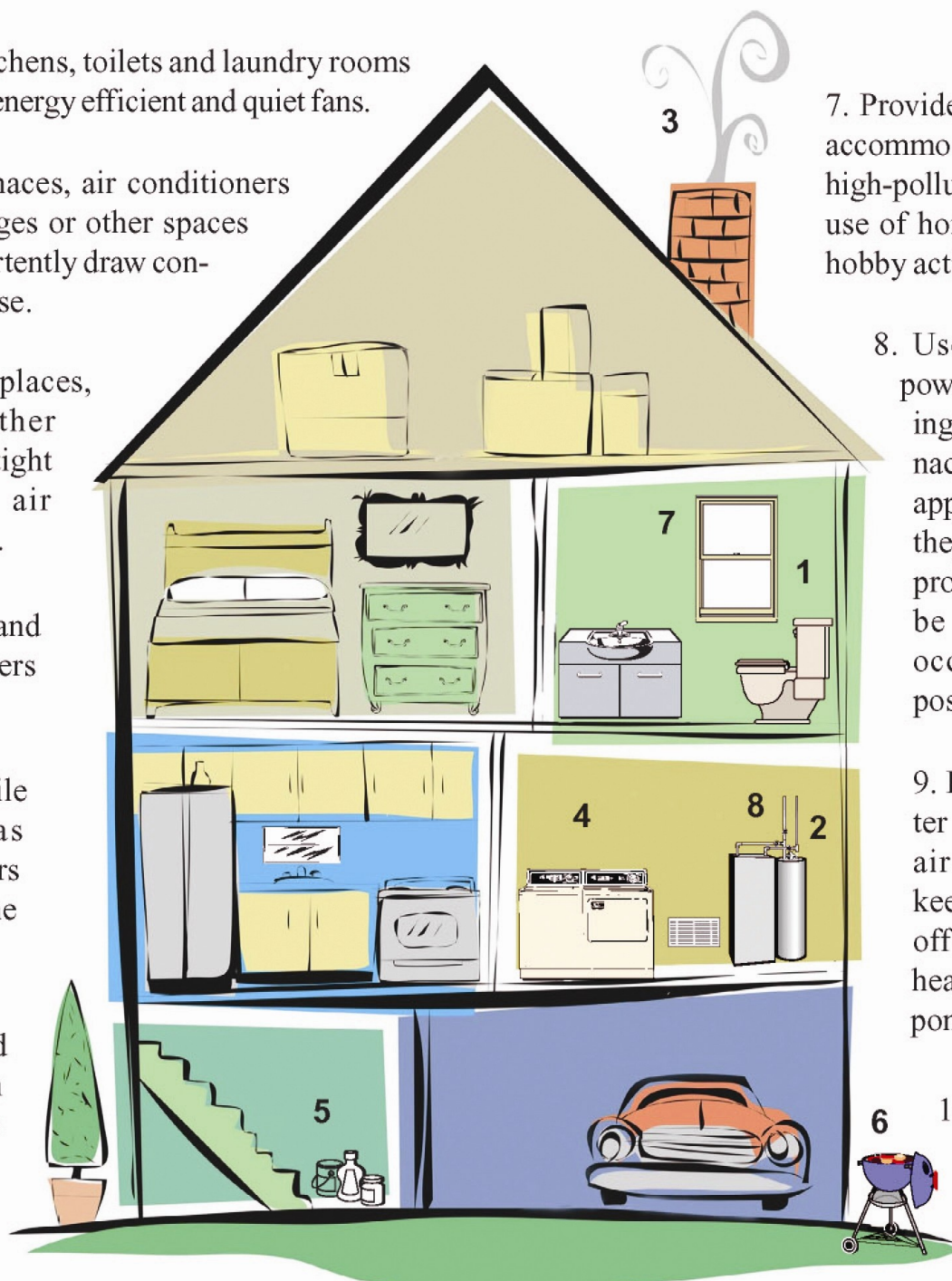
6. Minimize or avoid unvented combustion sources such as candles, cigarettes, indoor barbecues, decorative combustion appliances or vent-free heaters.

7. Provide operable windows to accommodate unusual sources or high-polluting events, such as the use of home cleaning products, hobby activities, etc.

8. Use sealed-combustion, power-vented or condensing water heaters and furnaces. When natural-draft applications must be used, they should be tested for proper venting and should be located outside the occupiable space when possible.

9. Put a good particle filter or air cleaner in your air handling system to keep dirt out of the air and off of your ductwork and heating and cooling components.

10. Distribute a minimum level of outdoor air throughout the home, using whole-house mechanical ventilation.



Source: ASHRAE Standard 62.2, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings, and 2001 ASHRAE Handbook, Fundamentals, Chapter 26, Ventilation and Infiltration

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