



The top 7 highest energy-consuming appliances in most homes are typically:

**1. Heating and Cooling Systems (HVAC)**

- **Usage:** 40-50% of home energy use.
- **Details:** Central heating and air conditioning systems consume the most energy, especially in extreme climates. Heaters and air conditioners require substantial electricity or fuel, making them the highest energy drain in most households.

**2. Water Heater**

- **Usage:** 14-18% of home energy use.
- **Details:** Electric or gas water heaters consume energy constantly to maintain hot water. This includes water for showers, dishwashing, and laundry.

**3. Washer and Dryer**

- **Usage:** 5-10% of home energy use.
- **Details:** Clothes dryers are particularly energy-intensive, especially electric models. Washers can also be high consumers, mainly when using hot water cycles.

**4. Refrigerator**

- **Usage:** 4-6% of home energy use.
- **Details:** As an always-on appliance, refrigerators constantly consume energy, especially larger models with more features like ice makers or water dispensers.

**5. Lighting**

- **Usage:** 3-5% of home energy use.
- **Details:** Lighting can add up, especially if incandescent or older bulbs are used instead of energy-efficient LEDs.

**6. Oven and Stove**

- **Usage:** 3-4% of home energy use.
- **Details:** Electric ovens and stovetops use a lot of energy, especially when cooking for long periods. Gas ovens use less electricity but still consume energy.

**7. Dishwasher**

- **Usage:** 2-3% of home energy use.
- **Details:** Dishwashers use energy for heating water and drying dishes. Energy usage increases when using heated dry cycles or high-temperature settings.