

ME 201

Thermodynamics

Homework #2, Due Friday, January 20, 2006

Explain whether the following situations and should be modeled as closed systems, control volume systems, or transient systems.

1. Hot Water Heater
2. Refrigerator
3. Washing Machine
4. Catalytic Converter in an automobile
5. Oven
6. Fire inside a room
7. Jet Aircraft Engine