Properties to check:

a) whenever the heat is on, opening the door causes an error
b) every error remains present until the start button is off
c) it is always possible to eventually turn the heat on
d) there is a scenario where at every moment, every sequence of actions will
   eventually turn the heat on
e) before the heat is on, the start button must be pressed
f) if the machine is forever in the error state, then the door is opened or closed in
each step.