

AME 20231

Homework 4

Due: Friday, 10 February 2012, in class

1. 4.38, use instead an initial temperature of 25°C .
2. 4.64, use instead an ambient temperature of 25°C .
3. 4.124, use instead an initial volume of 0.1 m^3 .
4. 4.150E,
5. 4.170; Post a professional quality plot of the process in $P - V$ space on your web site in a clearly marked place. Label the axes appropriately, and include a plot of the vapor dome as a part of your plot. Be sure to size your plot so that it can be viewed in a single window of a typical web browser.