

Homework on boiling and condensation, Ch. 10 of Incropera 7<sup>th</sup> Edition textbook

Problem	Modification	Remarks
10.49a	Change the condensate rate to <b>30 kg/hr</b>	
10.58 & 10.59	Change the steam pressure from 0.2 bar to <b>0.3327 bar</b> Change the surface temperature in problem 10.58 and 10.59 to <b>27°C</b>	
10.61a	Change the steam pressure from 0.1 bar to <b>0.1351 bar</b>	
10.41a,b	Change the velocity from 0.05 m/s to 0.1 m/s	
10.67	Change the inlet saturated steam pressure from 1.5 bar to 2.1245 bar	
10.68a	Change the inlet saturated steam pressure from 1.5 bar to 2.1245 bar	