

Assignment

1. Compare and comment on the following for both Simple and Precooled Linde – Hampson systems with Air as working fluid when the system is operated between 1.013 bar (1 atm) and 202.6 bar (200 atm) at 300 K. The effectiveness of HX is 100% and $r=0.1$.
 - Ideal Work requirement
 - Liquid yield
 - Work/unit mass compressed
 - Work/unit mass liquefied
 - FOM