

Download File PDF Solution Manual Advanced Thermodynamics Kenneth Wark

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks



7th International Ege Energy Symposium & Exhibition
June 18-20, 2014
Uşak, Turkey

Thermodynamic Performance Study on Water Source Heat Pump in Different Operating Conditions

TURKAN İÇÖN ERBEK, ÖLAY ARDEMİR, ALİ GÖNÜK
Department of Mechanical Engineering, Engineering Faculty / Ege University
35100, İsmir/Turkey
turkan.ikon@ege.edu.tr, olay.ardemir@ege.edu.tr, ali.gonuk@ege.edu.tr

Abstract: Water source heat pumps are commonly preferred due to reduction in energy use, lower maintenance costs and extended equipment life. However, they still have a large potential for improvement in their performance.

In this study, energy and exergy analysis of a water source heat pump (WSHP) system which is constructed for Mechanical Engineering Department of Ege University are performed. The system tests have been conducted in March 2014. Temperatures and mass flow rates of water entering the evaporator are changed to investigate the different working conditions. The energy and exergy analysis for all the components and the cycle are determined for the measured parameters obtained from the experiments. The energy and exergy calculation results are presented to give quantity and quality information about the components of the system and the cycle.

Keywords: Energy, Exergy, Availability, Irreversibility, Water source heat pumps.

134

[Download PDF version of :](#)
Solution Manual Advanced Thermodynamics Kenneth Wark