

# Engineering Software

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P.O. Box 1180

Germantown, MD 20875

Phone/FAX: (301) 540-3605

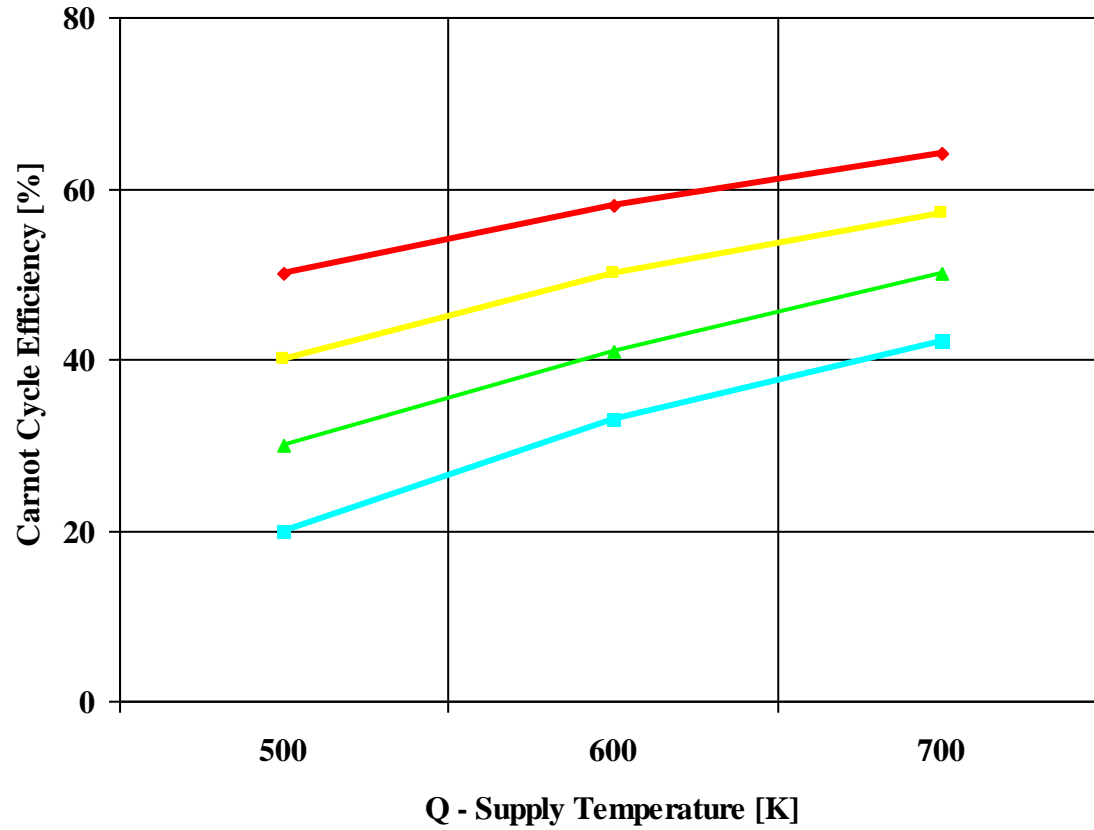
E-Mail: [info@engineering-4e.com](mailto:info@engineering-4e.com)

<http://www.engineering-4e.com>

# Engineering Plots

Here are some of the basic engineering plots related to energy conversion systems -- the engineering plots have been generated by the **Engineering Software** product line.

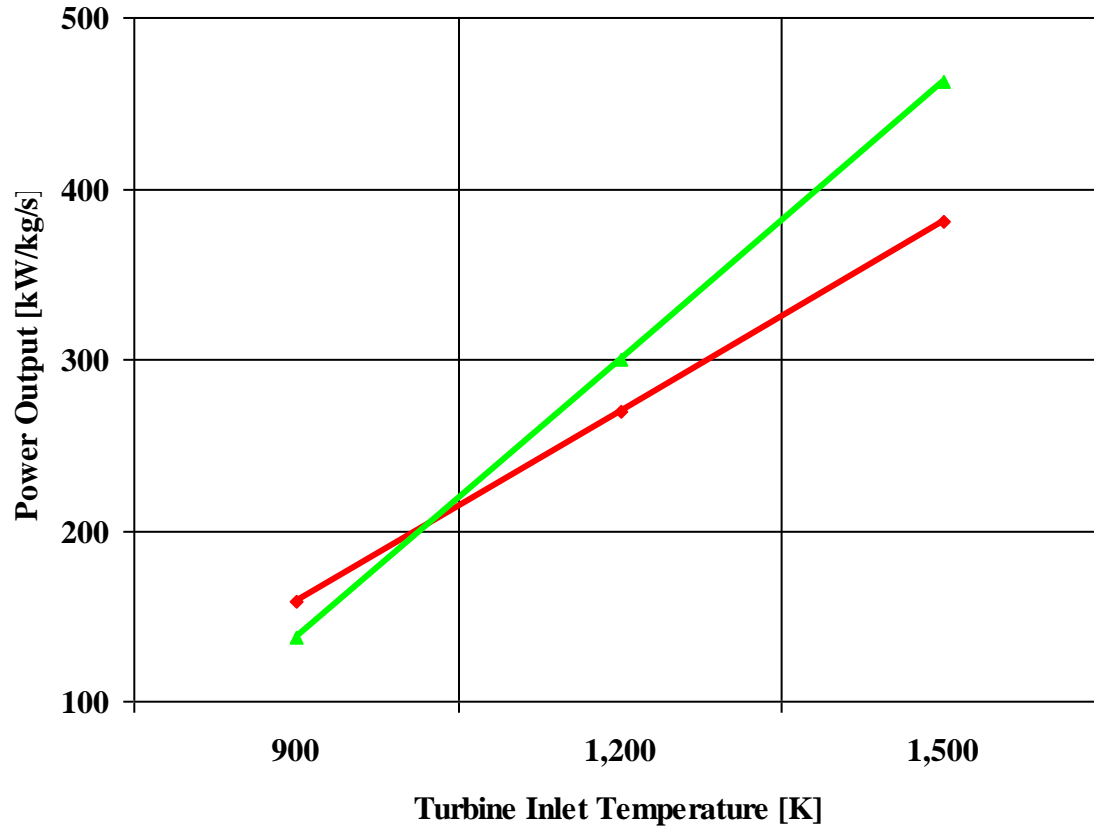
# Carnot Cycle Efficiency



—◆— 250 —■— 300 —▲— 350 —■— 400

Q - Reject Temperature

## Brayton Cycle (Power)



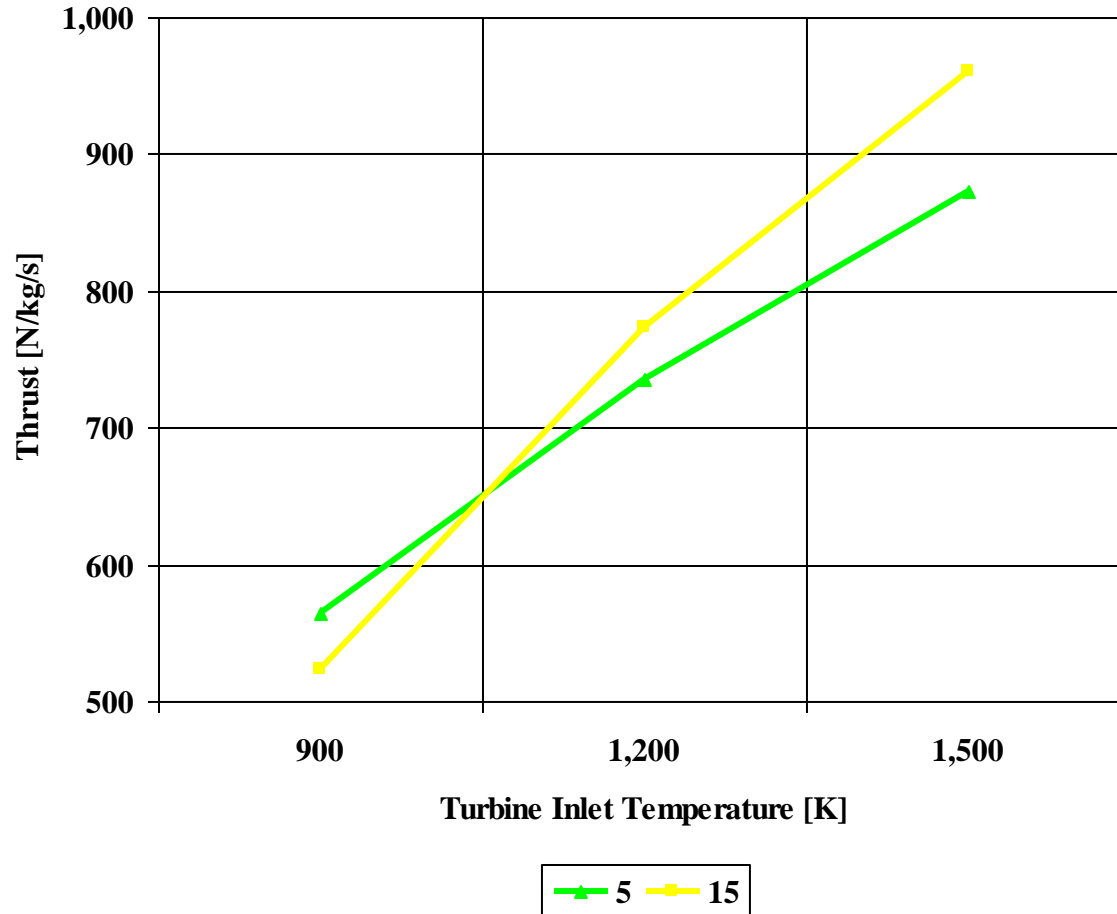
—◆— 5 —▲— 15

Compression Ratio ( $P_2/P_1$ ) [/]

Working Fluid: Air

Isentropic Compression and Expansion

## Brayton Cycle (Propulsion)

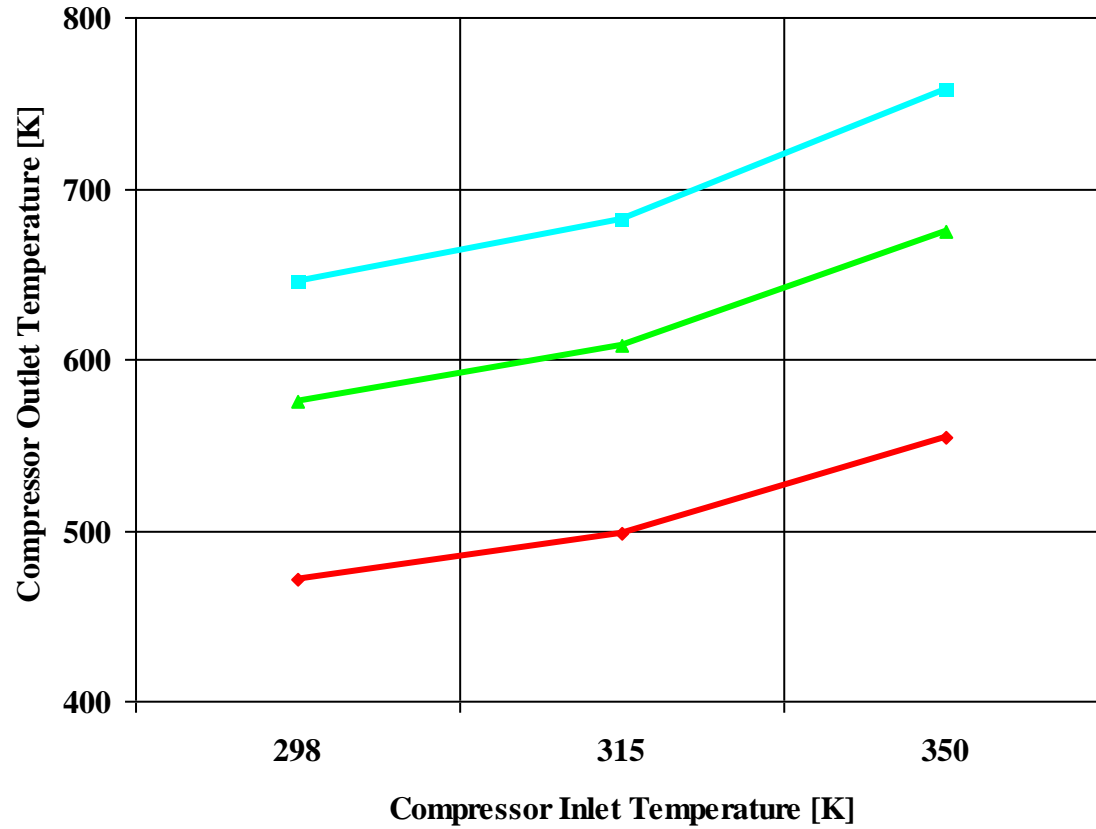


Compression Ratio ( $P_2/P_1$ ) [/]

Working Fluid: Air

Isentropic Compression and Expansion

# Compression

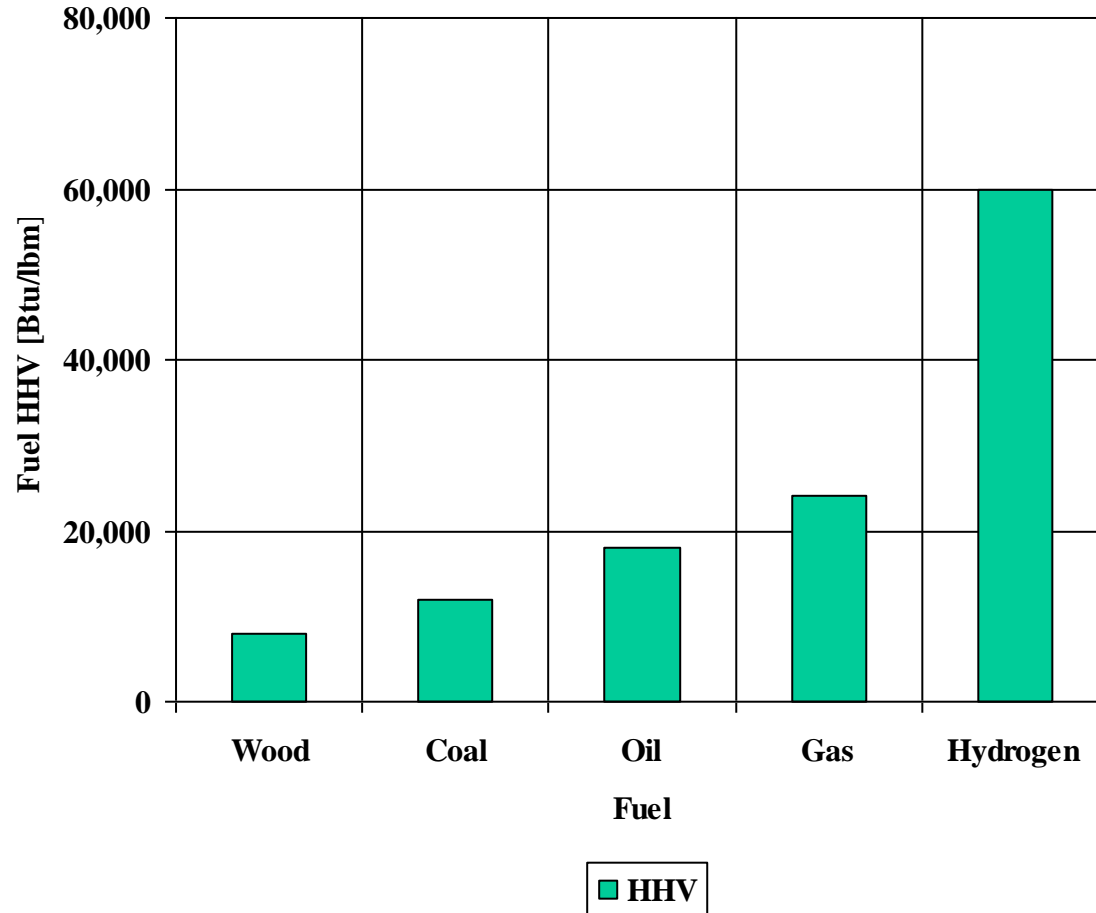


—◆— 5 —▲— 10 —■— 15

Compression Ratio ( $P_2/P_1$ ) [/]

Working Fluid: Air  
Isentropic Compression

## Fuel HHV



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