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Thermodynamics, Work and Heat Transfer (4th ...Work is basically
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temperature; Other units used to quantify heat are the British Thermal Unit - Btu (the amount of heat to raise 1 lb of water by 1 °F) and the Calorie (the amount of heat to raise 1 gram of water by 1 °C (or 1 K)). Heat, Work and Energy - Engineering ToolBox

Engineering thermodynamics: work and heat transfer. This book can simply be summed up as the thermodynamics 'bible' for mechanical engineering students. It gives the fundamentals of engineering thermodynamics and their application to particular fluids and the ways in which work and heat transfer are affected. Part I is devoted to the principles of thermodynamics, Part II to applications of the principles to particular fluids, and Parts III and IV respectively to ways in which work and heat ...

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Heat transfer, and the first law of thermodynamics

Heat supplied = work done. CONVECTION - Passage of heat from one point to another by means of a gravity fluid circulation due to changes in density resulting from picking up and giving up heat. Also transfer of heat to or from a fluid (liquid or gas) flowing over the surface of a body.

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