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# British Thermal Unit

National Cancer Institute

## Source

National Cancer Institute. *British Thermal Unit*. NCI Thesaurus. Code C67196.

A non-SI unit of energy equal to the amount of heat required to raise the temperature of one pound avoirdupois of air-free water by one degree Fahrenheit at a constant pressure of one atmosphere. The value of the unit depends on the initial temperature of the water and varies in the range of approximately 1.054 - 1.060 joules.