

Not a Heat Engine

Which device is not a heat engine?

Answer: A wind turbine.

Explanation: Heat engines are cyclic devices that receive heat from a source, convert some of it to work, and reject the rest to a sink (for example, steam power plants, gas turbines, combustion engines, Stirling engine). A wind turbine does not involve a thermodynamic cycle. A wind turbine converts kinetic energy of the wind into electricity using a generator.