



## Refrigerator 1

**What does a thermodynamic refrigerator system do?**

A thermodynamic refrigerator system transports heat from a low-temperature environment to a high-temperature environment. There are systems that keep the temperature under 4°C, however, there are also refrigeration systems that operate under different temperatures. Thus that answer is wrong. A system that generates work by transferring heat from a high temperature region to a low temperature region is called a heat engine or power cycle, like the Rankine or Brayton cycle.