

A pure saturated vapor is condensed to a saturated liquid at constant temperature. The next three questions concern energy changes for this process.

A) For the condensation process at constant temperature, how does the kinetic energy of the fluid atoms change?

- Increases
- Decreases
- Stays the same

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Explain your answer using descriptions of molecular phenomena and without using equations.

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B) For the condensation process at constant temperature, how does the potential energy between molecules change for the system of molecules?

- Increases
- Decreases
- Stays the same

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Explain your answer using descriptions of molecular phenomena and without using equations.

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C) For the condensation process at constant temperature, how does the fluid's internal energy change?

- Increases
- Decreases
- Stays the same

Submit Answer

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Explain your answer using descriptions of molecular phenomena and without using equations.