

Review of: "Cooling Beer With a Wet Paper Towel"

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Potential competing interests: No potential competing interests to declare.

The article is interesting from a practical and scientific point of view.

I have several suggestions for the authors.

1. In the introduction, I would add that drinking to excess can be detrimental to your health and well-being.

However, moderate consumption of beer improves mood, health, and in some cases even stimulates scientific thoughts.

2. Setting up a physical experiment: I noticed that in Fig. 1 the bottles are standing vertically, and in Fig. 3 they are horizontal.

I believe that the orientation of the bottles can significantly affect the result.

3. Statement and description of the simulation: there is very little information regarding this issue (in which program the simulation was performed, what boundary conditions... etc.).

Forgive me for my tediousness (I simulate physical processes - that's why I'm interested in this in the first place), but in this part I would NOT ignore

natural convection inside the bottle and calculate in detail the external conditions of heat exchange between the bottle and the surrounding cold air for cases of natural convection and forced (fan).

All my comments, most likely, will not affect the main conclusion about the rate of cooling of the drink, but in this case, for me personally,

it is not the conclusion that is interesting, but the simulation of the process itself and the coincidence of its results with the natural experiment...