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

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Potential competing interests: No potential competing interests to declare.

The paper is interesting and written in a way easy to read. However, I have a few remarks which the authors may consider.

1. Specify the novelty of the work more clearly: placing a wet paper towel around a container is already done as you stated. What is new then?
2. Clarify experimental conditions:

- Is the freezer always full or empty? Example Fig.1: In some pictures it seems to be full (f), in others not (b,d).
- Temperature of the freezer or rather the air in the freezer? Ist the temperature near the fan lower due to advenction? The authors may additionally take into account that there may be different temperatures at the bottom compared to the top of the freezer.
- Position of the bottles: Sometimes they seem to be placed at the bottom, sometimes at the top of the freezer. When thinking about my previous point, the authors may take into account that different temperatures in the freezer may affect the experiment when using different positions.
- Distance of the bottles to the fan? Is the distance in every experiment the same?
- May be taken into account: the temperature and heat capacity of the surface the bottles are standing on (plastic bin vs metal grid (Fig.1 (f)) could affect heat conduction
- As other reviewers mentioned: paper towel: sort, pores etc. can affect conduction

3. Some general to the Figures:

Fig.1 (d) is misleading because bottles in a bin are shown in the centre of the picture whereas the bottles at the right border are meant. Only wrapped bottles are shown.

Fig.2 (b) X-axis is missing, (a)-(d): Y-axis should be consistent

4. Discussion: the authors may relate their results to the results of others, especially in case of the wet paper towel references