

**RFI002 Dual Purpose Cooking Equipment – Clarification Log**

<b>Clarification Question #</b>	<b>Received Date</b>	<b>Questions</b>	<b>Reply Date</b>	<b>Answers</b>
1	21 <sup>st</sup> December 2020	Would the weight target of 1.5 Kg include any packaging which is used to transport the solution, or can it be considered than the solution in essence provides its own transport packaging from the constituent components	12 <sup>th</sup> January 2021 Updated 14 <sup>th</sup> January 2021	Not including the packaging, although any transportation solution should not increase the overall weight significantly. Update: but to clarify 1.5Kg should be cooker and fuel component eg. 1Lt of fuel.
2	21 <sup>st</sup> December 2020	For the purposes of testing, what is in the space apart from the heater? (any additional thermal mass, be it frozen or warm will have an effect on the time to meet target temperature). Most repeatable answer for validation testing is to assume the space only contains the heater and nothing else.	12th January 2021	For the purpose of the test, the space would be empty
3	21 <sup>st</sup> December 2020	Is the ambient air outside the space -50°C?	12th January 2021 Updated 14 <sup>th</sup> January 2021	Yes Update: In extremes
4	21 <sup>st</sup> December 2020	Assume the starting temperature of the enclosed space is -20°C. Correct?	12th January 2021	Yes
5	21 <sup>st</sup> December 2020	Assume that the space is not air tight to allow ventilation? Is there a maximum rate of ingress of ambient air?	12th January 2021	Not airtight, ventilated tent. Max rate of ingress unknown
6	21 <sup>st</sup> December 2020	Given that there will be convection currents from any heat source, is some means of forced convection required / permitted to reduce the gradient throughout the space	12th January 2021	Does this mean a fan to replicate the natural ventilation through the tent? Not required for the test.

7	21 <sup>st</sup> December 2020	Assume that the 15m/sec outside air speed only applies to the water heating function or is this also applicable to the air outside of the enclosed space?	12th January 2021	General operation of the cooker including use outside of the enclosed space.
8	21 <sup>st</sup> December 2020	Is there a time limit for reaching the desired temperature?	12th January 2021	No
9	21 <sup>st</sup> December 2020	Is there a specification on how long the system should be capable of running before action by the user is required (e.g. replenishing / changing power source)? This applies for both the water heating and space heating.	12th January 2021	None specified
10	21 <sup>st</sup> December 2020	What encloses the space (materials / thicknesses) on the sides top and bottom?	12 <sup>th</sup> January 2021 Updated 14 <sup>th</sup> January 2021	Various arctic tent specifications, which are subject to change, no further info on material or thickness? Update: Current tent nylon inner and outer with outer treated for Thermally and light egress.