

<b>Title:</b>	<b>Condensation</b>			<b>ID:</b>
				0340
<b>Date in:</b>	<b>Response:</b>	<b>Model:</b>	<b>Author:</b>	
2017-10-09	2017-10-09	STX40	CMA	

**Q:**

Why does condensation appear in a cooled (HR/HC) incubator although no water has been added

**A:**

Any humidity inside the chamber is from the environmental air. Condensation is normal and may naturally occur.

If the environmental air is already humid and cooled down in the incubator the condensation point is reached. Please see Graph below for further explanation. The orange line at 22°C stops at 50%rH, if this point is extended down to 4°C it is well past 100%. As the humidity reaches more than 100% condensation occurs.

Humid air – 1013 mbar

