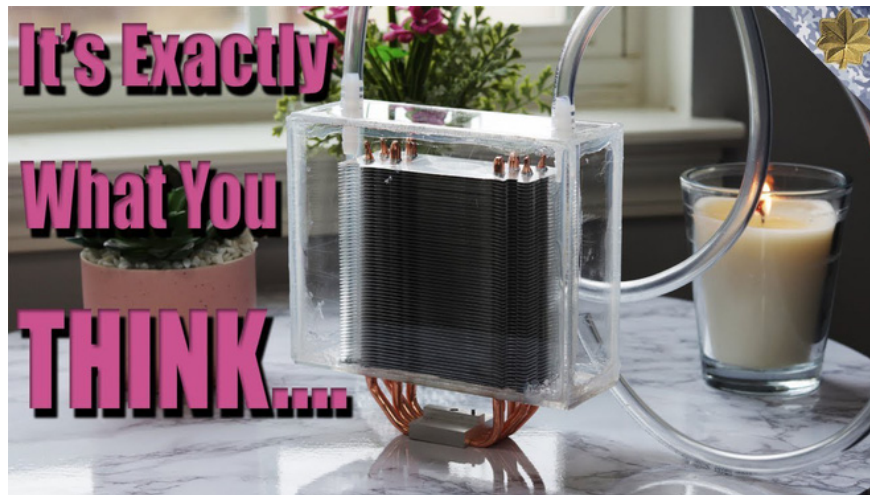


The 1-0-2 radiator combined with air and ice heat makes PC people surprised by creativity

This guy has combined two of the most popular heat dissipation methods today: gas radiators and ice to create an unprecedented hybrid radiator.

Recently, a mechanical engineer named James and Youtuber owned "Major Hardware" channel made netizens admire their admiration when sharing their 1-0-2 heat dissipation. This guy has combined two of the most popular heat dissipation methods today: gas radiators and ice to create an unprecedented "hybrid" radiator.

Find out how James made this unique radiator!

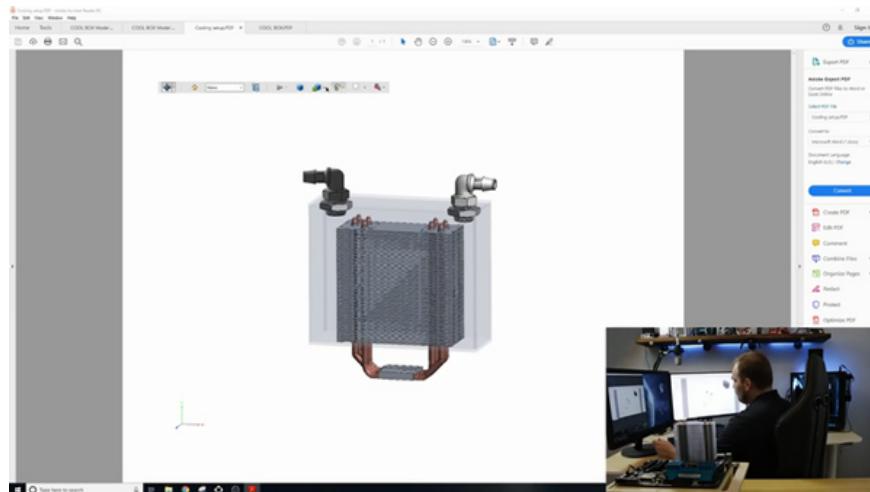


Cooler Master Hyper 212 Evo radiator has 4 heat pipes attached to the heatsink of a large size with a large format fan. However, James does not use the Hyper 212 Evo fan's built-in cooling system, but dipped the entire Hyper 212 Evo gas radiator into a water container. A bold decision.



Hyper 212 Evo cooling fan for cooling but not used.

First, the guy designed a plastic box to fit the heat sink of the heat sink on the computer, then started to build.

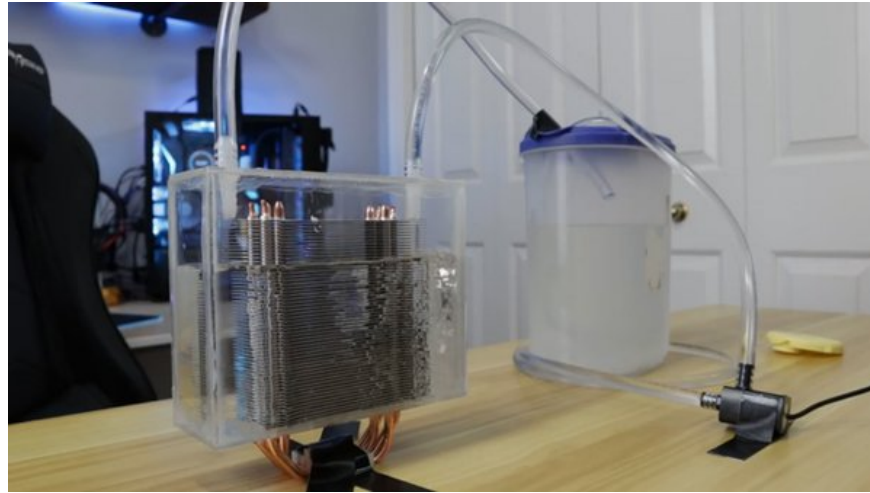




After that, the guy used 2 pipes connected to a small pump and a bucket of ice to bring water into the box.



Once completed, James starts pumping water in to test his new radiator.

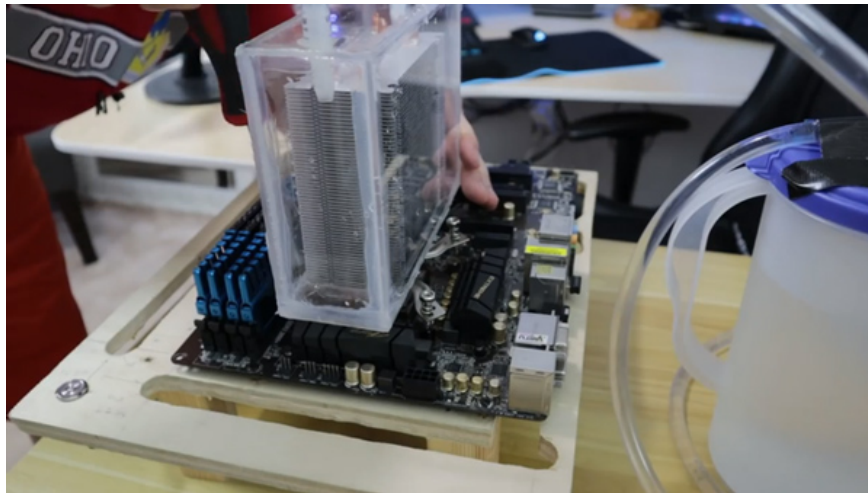


When operating, water will be pumped from the water tank through the plastic box and vice versa to cool the heat sink attached to the CPU below. As a result, the temperature has dropped from over 50 degrees to only 30 degrees in idling mode, even if the temperature does not exceed 44 degrees Celsius even when the stress tests for more than 10 minutes.

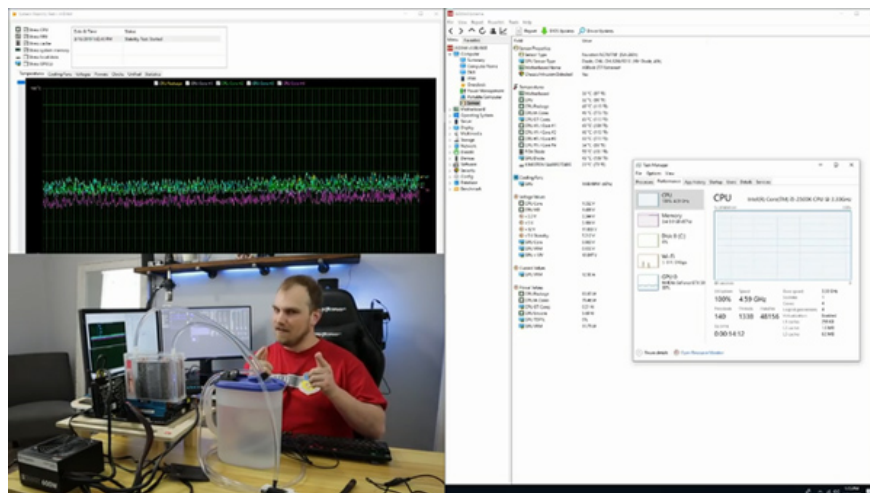
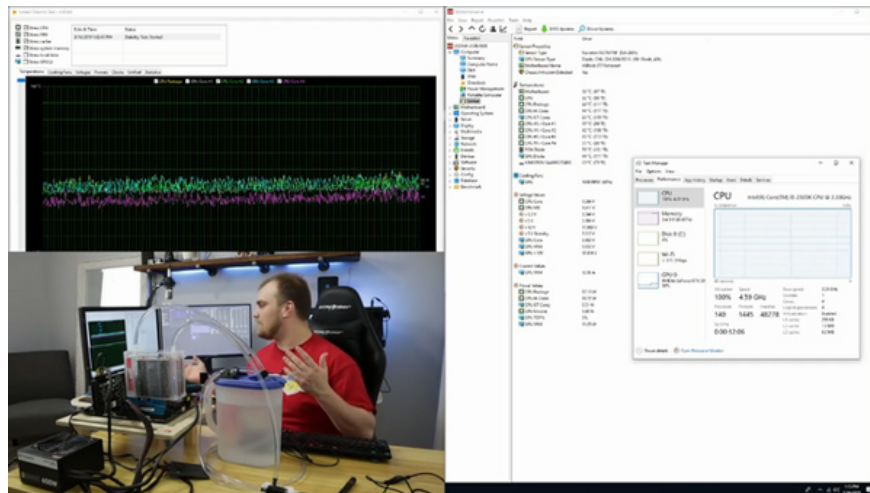
James shares on his YouTube channel that, one of the reasons why he decided to create this unique radiator is that the Hyper Evo 212 blower produces a loud sound when it is powerful. In addition, he said the pump he bought also costs quite cheap.

In the first operation, because the sealant is not tight, water leaks from the bottom of the box. James discovered the problem and quickly corrected it to ensure the safety of the board and attach the whole board to the top of the CPU.





James said he wanted to design something in a simple way that could cool the air cooler but could still use the PCIE slot and DIMM slots.



In no-load mode, the temperature has decreased significantly, from 50 degrees C to only 30 degrees C, despite running stress test but still very cool.

In the video, James also revealed that he had the idea of ??improving his design so that it was more effective by using a better pump and more durable water pipes.

It could be said that James's radiator, but using James's air radiator, was unique and never appeared before. You can follow the whole process of creating this radiator for James in the following video:

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