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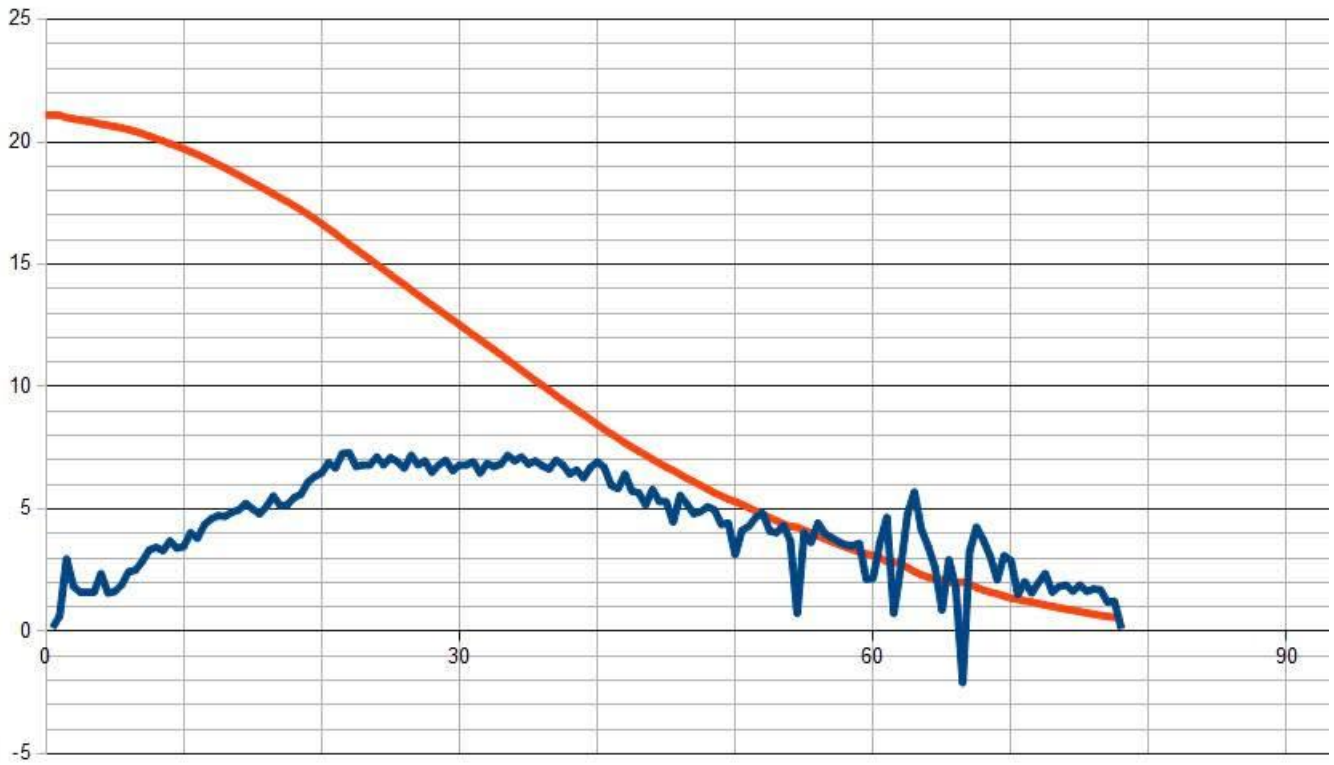
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**Damien Lehmann** [damien.lehmann@yahoo.com](mailto:damien.lehmann@yahoo.com) [MHAtech] <MHAtech@yahoogroups.com>  
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Hi guys,  
Salu à tous,

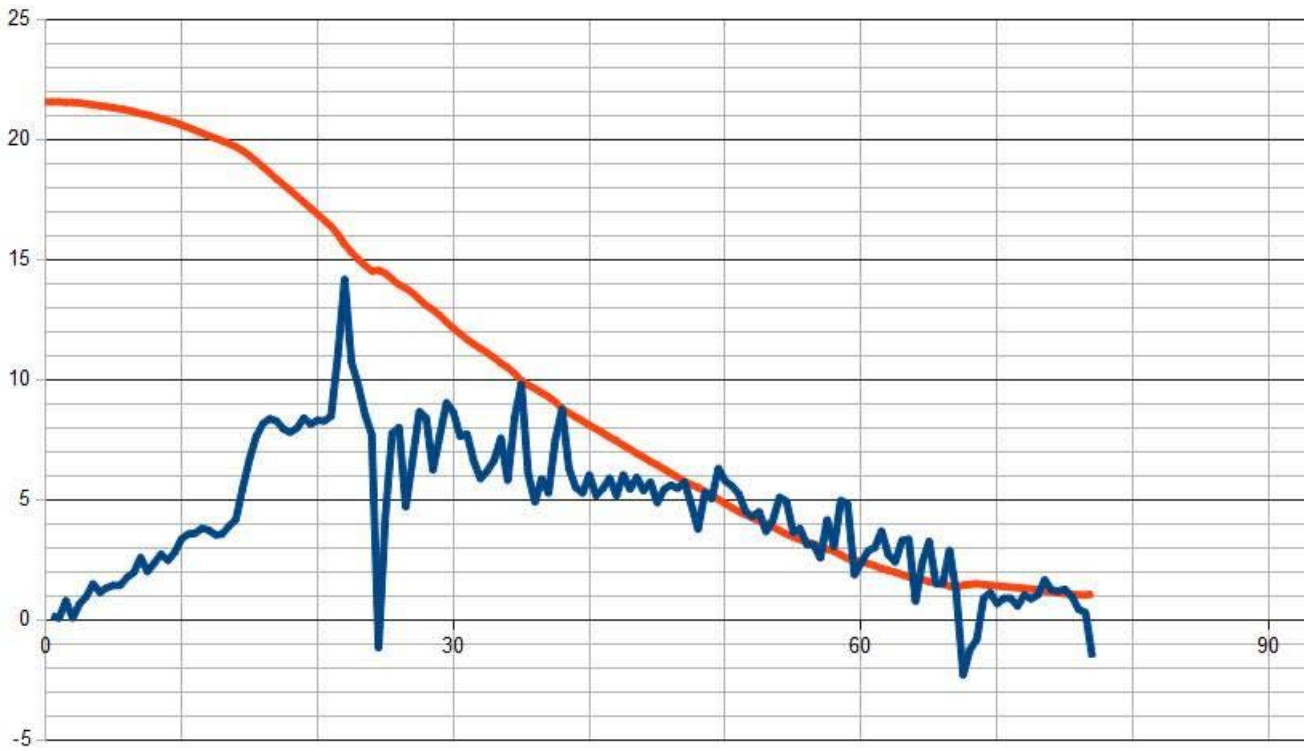
here are some additional analysis, it is not always easy to run all software at once without forgetting anything! I messed 3 analyzes forgetting to press the

Débit de combustible



We notice a beautiful flat at the top of the curve stabilizes at 7g / s for 20 minutes.

Débit de combustible



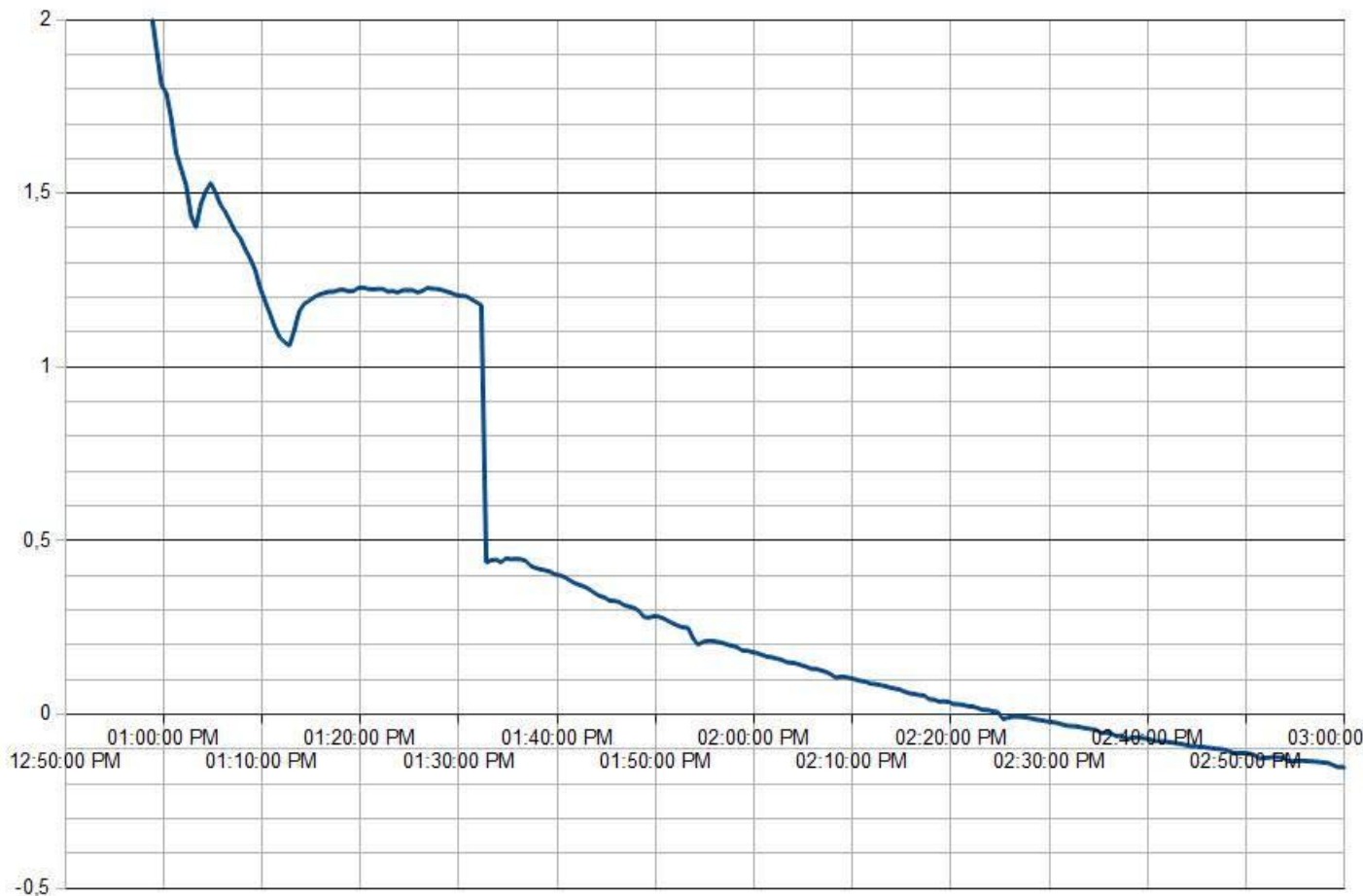
This analysis is more hectic, a log came to rest on the bricks in front of the door:



Reading is less obvious, but I think we should be able to deduce a  $8\text{g/s}$  during the combustion peak.

Conclusion: for a reliable reading of the fuel flow at the peak of the outbreak, care must be taken that no log touch the walls during the descent.

The weighing is clearly sensitive to the differential pressure



on this graph at end of burning, I reduced a little the air inlet at 1:03PM then more frankly at 1:13PM to finally close it completely at 1:33PM. The total closure of the air inlet causes a mass fall read of about 730g! This phenomenon astonishes me, I rather expected that the mass increase when : under the bottom compared to the firebox .... Note also that the mass falls below 0, it will reverse then slowly stabilizing at 200 or 300 g before the new burn 24 hours later. Damien

Le 24/02/2016 18:21, Norbert Senf [norbert.senf@gmail.com](mailto:norbert.senf@gmail.com) [MHAtch] a écrit :

Thanks for doing the translation of Damien's report, Boris.  
I have posted it in MHA News.  
Damien, if you would like any additions or changes, please let me know.....Norbert

On Tue, Feb 23, 2016 at 10:55 PM, Boris Kukulj [kukuljboris@gmail.com](mailto:kukuljboris@gmail.com) [MHAtch] <[MHAtch@yahoogroups.com](mailto:MHAtch@yahoogroups.com)> wrote:

Hello all,

Here is a little report on the installation of the scale in my heater.  
The scale is <http://www.adamequipment.co.uk/eu/balances/223>  
The goal is to determine the fuel consumption rate, which when coupled with other measurements will allow us to determine the mass flow rate i  
I have removed the firebox brick floor and part of its supports and replaced all of this with the scale which I had to take apart so the reading wou