

**To:** David Mark[David.Mark@moypark.com]  
**Cc:** Simon Oborn[Simon.Oborn@moypark.com]; Alan Johnston[alan.johnston@moypark.com]; Willy Patton[Willy.Patton@moypark.com]; Tom McKeown[Tom.McKeown@moypark.com]; John Harrison[John.Harrison@moypark.com]; Brian Gibson[Brian.Gibson@moypark.com]  
**From:** Stephen Beagan  
**Sent:** Wed 3/9/2016 8:27:18 PM  
**Importance:** Normal  
**Subject:** RE: Irrelevant information redacted by the RHI Inquiry s--  
**MAIL\_RECEIVED:** Wed 3/9/2016 8:27:24 PM

David,

The other three suppliers have a different chimney design. They use a single disc which pivots on a bar in the centre. This uses a belimo to control movement and is locked in position and only opening when the computer demands or electricity cuts out (fail safe).

Irrelevant information redacted by the RHI Inquiry uses a butterfly type system, the two flaps are basically sitting in position and are blown open when the exhaust fan powers on, or in some cases when gusts of wind blow over the top, hence there is slightly less control with this design and as you have pointed out an electromagnet may solve the issue.

Regards,

Stephen

**From:** David Mark [mailto:David.Mark@moypark.com]  
**Sent:** 09 March 2016 08:59  
**To:** Tom McKeown; John Harrison; Brian Gibson; Stephen Beagan  
**Cc:** Simon Oborn; Alan Johnston; Willy Patton  
**Subject:** Irrelevant information redacted by the RHI Inquiry -

We have identified a problem with Irrelevant information redacted by the RHI Inquiry installs and houses around that time the ability to get heat into the houses on a windy night was identified as a problem and gas consumption rose.

We brought this issue up with Irrelevant information redacted by the RHI Inquiry over a year ago - and they proposed a temporary work around (demonstrated first at Irrelevant information redacted by the RHI Inquiry stocked April 15) which involved the manual winching of all but one of the drip trays on the exhaust fans into a closed position for chick start. This worked in the main but has safety compromises as if not reversed after the first weeks or in warm weather could result critical ventilation issues. It is not controlled by the panel – so in effect this element of ventilation is not controlled – one of the main reasons we invest in modern ventilation controls.

Irrelevant information redacted by the RHI Inquiry can supply an electromechanical latching system to lock the flaps shut when the fans not operating (standard in Hotraco, Scove and Opticon systems – *Stephen can you confirm I am right on this for all 3* ) however Richard suggests it is not reliable and gives problems so they don't recommend fitting it! (I think they are building to a cost and they have excluded from spec to save money – but that's just a view – really interested for Irrelevant information redacted by the RHI Inquiry to confirm this in writing)

The problem has died down a bit as all new houses have Biomass and RHI so leaky houses have less of a cost effect – speaking to Thomas Forgrave he has 2 by 99kWh boilers per shed in his new houses on the old tariff and he says if the trays are closed its noisy so he doesn't use them but he needs 2 boilers to heat one house! (this will give us the 0.8 Tonnes per thousand he states for costing debates) –I challenged this but if it's true then Irrelevant information redacted by the RHI Inquiry set up is completely unsuitable for standard Broiler production!

In my view we cannot allow new growers with no access to RHI so dependent on our heating allowance to fit as they will never be profitable due to LPG costs for this system – but we also need to have this out with Irrelevant information redacted by the RHI Inquiry

Happy to discuss

David