

Richard Williams – Envirovent July 2013

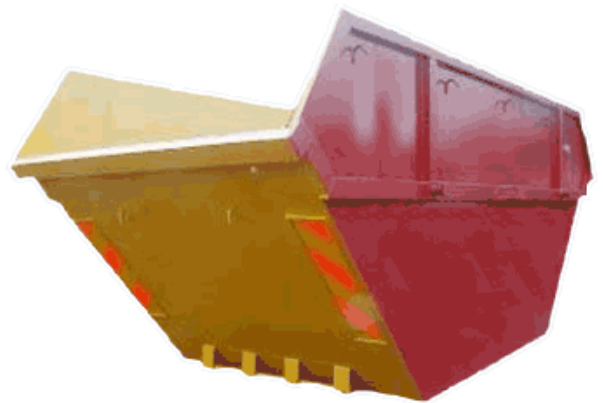
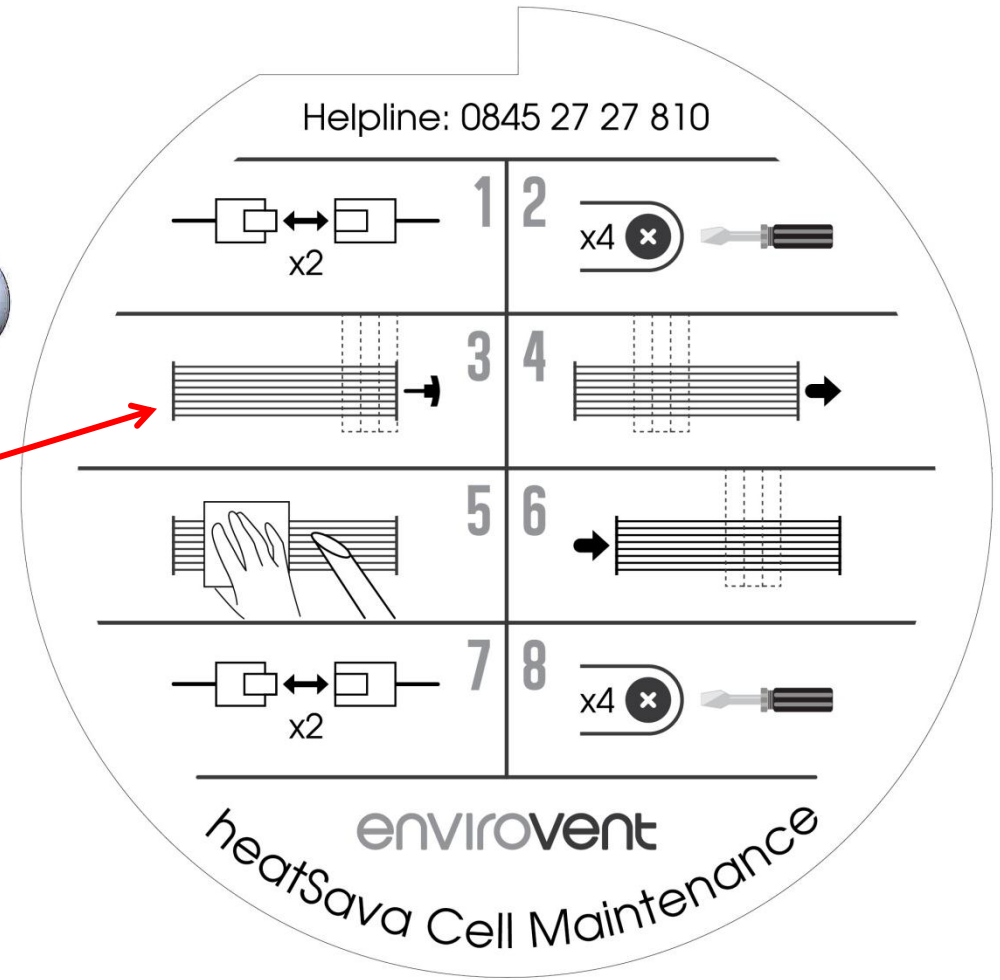
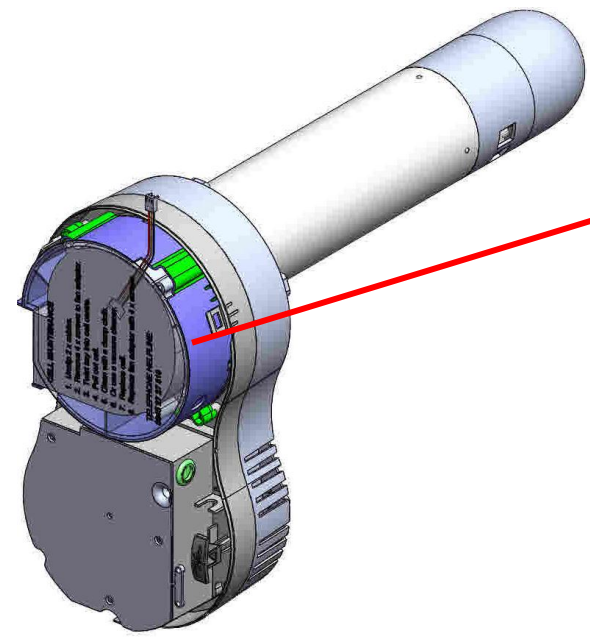


The CIBSE Homes for the Future Group

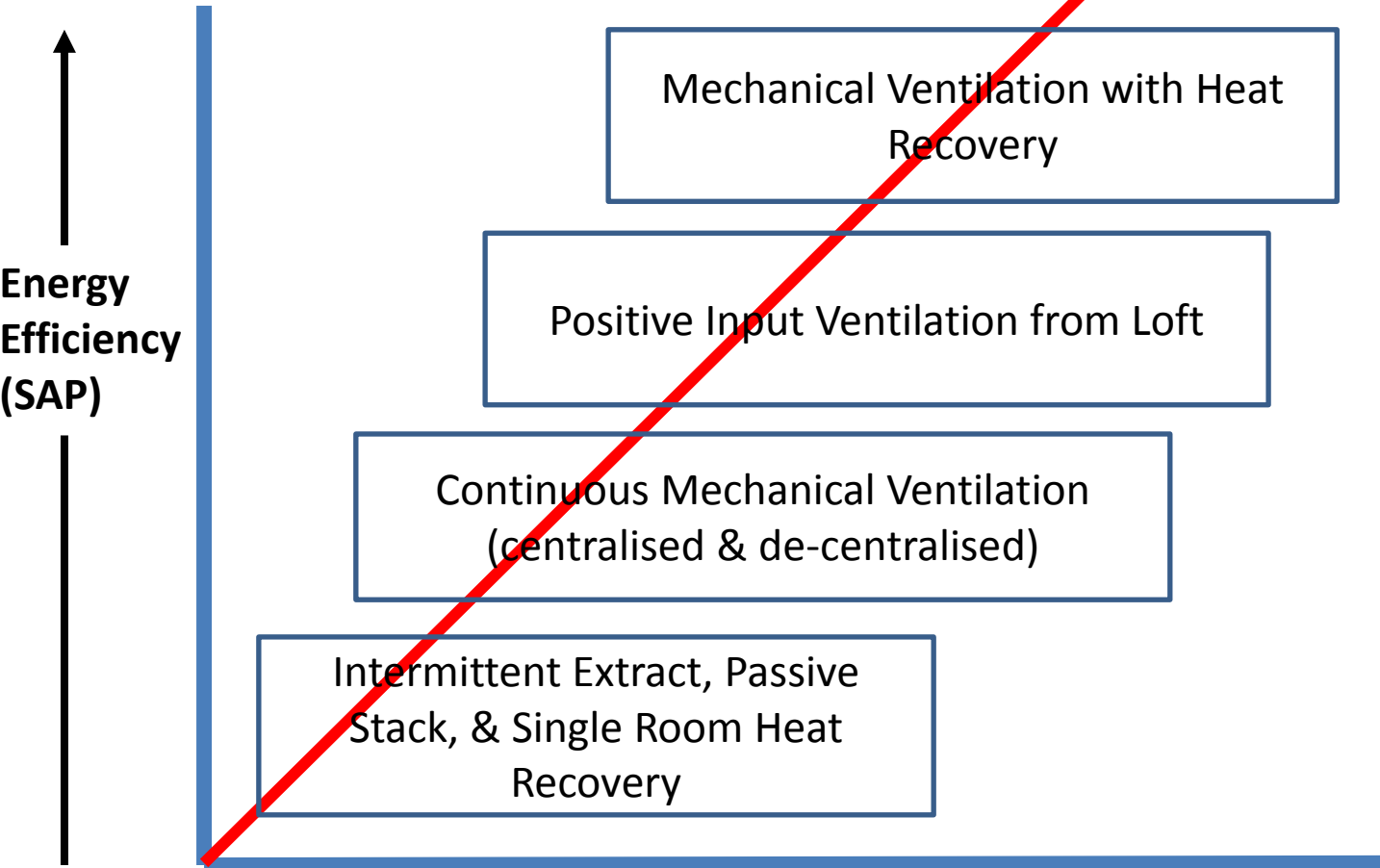
- Is Part L and Code for Sustainable Homes forcing us into a whole house ventilation solution?
My biggest concern is that most aim for the minimums in Part F – Designing in disrepair and effecting peoples' health. Demand Control Ventilation advocates are suggesting reducing flow rates!!
- Do contractors know how to install ductwork properly?
The majority don't no and those that do cut corners. New Build procurement can be adversarial.
- Do occupants know how to change filters and clean heat recovery units?
From experience they are never told
Everyone's favourite radio station is wii FM (What's in it for me)
- Should all new homes be fully mechanically ventilated?
Yes.

Single Room Heat Recovery

- Cell maintenance instructions



The Explanation Escalator



Perception if you don't

Consequence if you don't



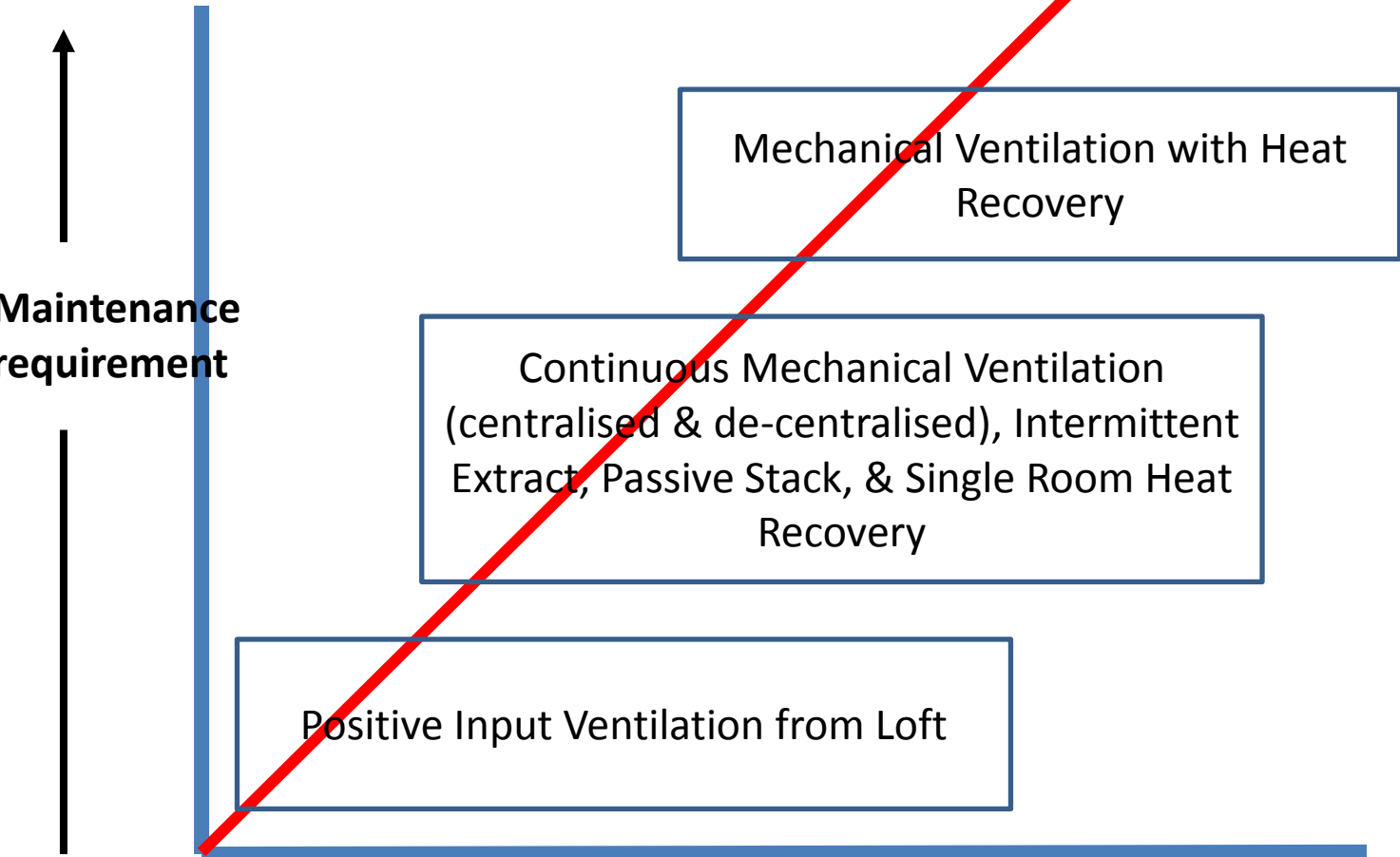
Save energy

!

Switch off

6036 A

The Maintenance Escalator



Consequence if you don't



Explanation to occupants

Maintenance solution for MVHR

- Ask occupants if they would be prepared to change filters for an incentive?
- Post out filters after 6 to 12 months with pre-paid return envelope
- Occupants send back dirty filters
- Post back voucher - £20

- Excluding the filter
- Post, packaging and voucher – less than £25
- Send an engineer – more than £50

Summary – Domestic Ventilation Reducing Risk

- Don't abdicate responsibility. Is the design and build route going to meet your ongoing responsibility for the property?
- Think about what's adequate and not just tick box minimums of Part F.
- Include an understandable explanation as part of your requirements. If they can't explain it, they shouldn't fit it.
- Have a robust aftercare maintenance plan.