



Energysaver™ High Rise Kit

Special Features

- Patented design
- Virtually eliminates 'blow back' when fan is running
- Increases efficiency of fan by up to 20%
- Easily installed from within the property
- Especially suited to installations in windy locations and high rise buildings
- Available in white and brown



General

- Independently tested
- Part F Compliant
- Available in 100mm (4inch) and 150mm (6inch) sizes
- Can be used with all mechanical and passive ventilation systems

How it works

Extract and passive ventilation systems all require external cowls or grilles to prevent draughts and rain ingress from entering a dwelling. Conventional grilles, even those with fixed louvres, are adversely effected by upward and cross winds that significantly reduce their Effective Area. This has serious adverse implications, particularly in relation to the statutory fresh air requirement for gas vents.

The problem is that the standard test to determine Effective Area is always measured to 'free air' and wind effect can reduce Effective Area by up to 50%. Wind speeds as low as 5m/sec will make it impossible for most domestic mechanical ventilators to achieve 15litres/sec extraction.

In high rise applications the wind speed is very often higher than that of a normal house and because of this high rise kits currently available on the market struggle to achieve the minimum effective area. The Energysaver™ High Rise Kit has been specially designed to eliminate 'blow back' on mechanical extractor systems and reduce draught on passive

