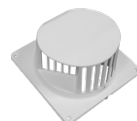
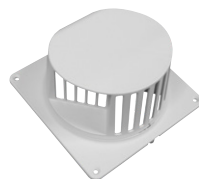


## Monsoon Energysaver™ Grille Range

- Patented design - Completely unique
- Virtually eliminates 'blow back' when fan is running
- Increased efficiency of fan by up to 20%
- Reduces running cost of the ventilation system
- Airflow noise reduced
- Independently tested



CODE	DESCRIPTION
ESG4WH	100mm Energysaver™ Grille White
ESG4BR	100mm Energysaver™ Grille Brown
ESG6WH	150mm Energysaver™ Grille White
ESG6BR	150mm Energysaver™ Grille Brown
ESWK4WH	100mm Energysaver™ Wall Kit White
ESWK4BR	100mm Energysaver™ Wall Kit Brown
ESWK6W	150mm Energysaver™ Wall Kit White
ESWK6BR	150mm Energysaver™ Wall Kit Brown

### How it works

The Energysaver™ Grille has been designed to counteract the adverse effects of external wind on the performance of mechanical extract ventilation systems and passive vents. This patented product is up to 20% less resistant to airflow and has the capability to make any extractor fan up to 20% more energy efficient. The Grille also alleviates 'blow back' thus further increasing extractor fan efficiency and reducing energy consumption - all of which contribute to a reduction in the carbon footprint. The Energysaver™ Grille is the only patented Part F compliant, independently tested energy efficient ventilation grille on the market.

The Energysaver™ Grille is produced as a one piece moulding in tough, weather resistant PVCu. It is supplied with a snap-on mounting plate pre-drilled, to suit 100mm (4inch) and 150mm (6inch) size ventilation installations.

### Dimensions

MODEL	A	B	C	D	E
100mm	120	120	65	30	99
150mm	180	180	80	30	149

### Review of the market

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 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 5 metres/sec can make it difficult for some domestic mechanical ventilators to achieve 15 litres/sec extraction.

### Construction

