

## EXP Expander Box Weather Louvre



The EXP Exterior Louvre unit is used with AFP's DUX range of pressure relief vents in halocarbon installations. It has been specifically designed to provide a Free Vent Area (FVA) matching that of DUX while providing the weather protection essential for two-way vents in exterior walls.

The weather sealing must be maintained while supporting two-directional flow, a sealed external unit cannot be used, making an open louvre design essential.

The louvre blades are assembled into a custom-designed 'Expander Box' – hence EXP - which increases the effective FVA to match the 85% FVA of the DUX. The result is a fixed blade louvre larger than the internal vent, offering no restriction and adding zero to the Vent Dynamic Coefficient ( $vDc$ ). (Other fixed louvres on the market typically provide at most only 50% FVA)

The EXP 300 & 500 are fitted with a new storm shield which is a carefully designed mesh that prevents storm blown rain entering behind the unit whilst having zero effect on any blast protection.

**NEXT DAY DELIVERY**

**on 300 & 500 units if order is processed before 12pm**

**700 & 1000 units call for availability**

AFP Air Tech Ltd

Morden Lodge | Morden Hall Road | Morden | Surrey | SM4 5JD

Tel: 020 8819 5740 | Email: [sales@afpairtech.co.uk](mailto:sales@afpairtech.co.uk) | Website: [www.afpairtech.co.uk](http://www.afpairtech.co.uk)

## Product Specification

Product Code	EXP300	EXP500	EXP700	EXP1000
Neg Free Vent Area	0.077m <sup>2</sup>	0.212m <sup>2</sup>	0.416m <sup>2</sup>	0.85m <sup>2</sup>
Pos Free Vent Area	0.047m <sup>2</sup>	0.128m <sup>2</sup>	0.308m <sup>2</sup>	0.556m <sup>2</sup>
WxHxD	500x500x75mm	700x700x75mm	1050x1050x100mm	1450x1450x100mm
Weight	7kg	12kg	18kg	31kg

## Product Information

- The EXP comes in powder coated steel construction RAL9006 Grey as standard, special colours available upon request
- Manufactured to ISO9001
- The products carry a 5-year guarantee
- The EXP is surface mounted unit
- Can be retrofitted
- The EXP comes with fitting kit