

DuFlow Over Pressure Vent • FSL Chemical gas systems

designed for use with

Clean Agent Chemical Gaseous Suppression Systems

DuFlow Pressure Relief vents provide effective pressure relief for both Negative and Positive pressure; and are Fire Rated for a 4 hour resistance rating to EN1363-1 and EN13501-2.

The vents are specifically designed for a Chemical Gaseous type Fire Extinguishing system; as during a Chemical Gas Suppression system discharge both Negative and then Positive pressures are created – which can lead to structural damage should the enclosure be insufficiently vented.

The performance has been fully tested and verified by the Building Research Establishment with fully monitored gas discharge tests (April 2008).



Features

- Fits walls from 100mm to 400mm
- Simple to install
- Fully tested with Chemical Agents
- 4 hour Fire Rating
- Patent Pending on Unique dual action blades

| Part Number | Description and Nominal Vent Size | Negative FVA* | Positive FVA* | Weight Kg | Hole Cut-out size mm (WxH) | Outside Dims mm | Min. Depth When Fitted |
|-------------|-----------------------------------|---------------------|---------------------|-----------|----------------------------|-----------------|------------------------|
| NF201077 | Chemical Vent 300mm x 300mm | 0.077m ² | 0.047m ² | 15 | 360x380 | 440 | 140 |
| NF201212 | Chemical Vent 500mm x 500mm | 0.212m ² | 0.128m ² | 25 | 560x580 | 640 | 140 |
| NF201308 | Chemical Vent 700mm x 700mm | 0.416m ² | 0.308m ² | 33.5 | 760x750 | 820 | 120 |
| NF201850 | Chemical Vent 1000mm x 1000mm | 0.850m ² | 0.556m ² | 54 | 1060x1050 | 1120 | 120 |

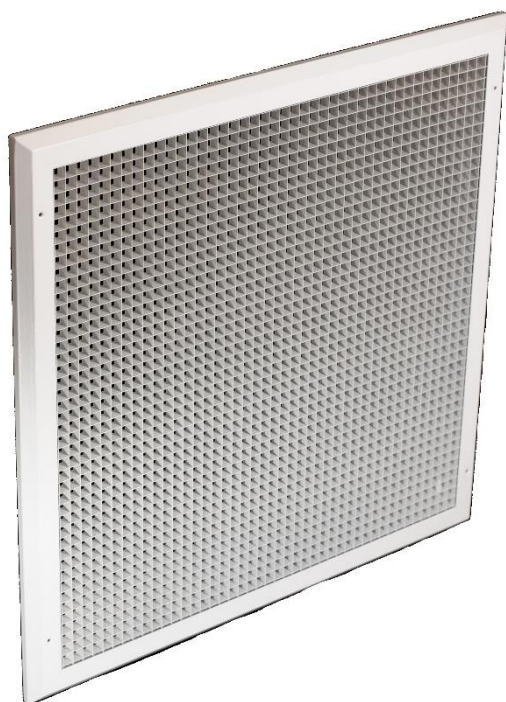
* FVA – Free Vent Area



DuFlow Weather Louvres

FSL provides a range of Weather Louvres specifically for use in conjunction with the FSL Suppression System Pressure Vents.

| Part Number | Description |
|-------------|-----------------|
| NF202077 | 300mm x 300mm |
| NF202212 | 500mm x 500mm |
| NF202416 | 700mm x 700mm |
| NF202850 | 1000mm x 1000mm |



DuFlow Egg Crate Facia Grilles

The Egg Crate Grille is designed so that provision is made for a Free Area of 94% in order to preserve high level aesthetics whilst also maintaining the integrity of the vent from interference.

Constructed from high grade aluminium, the Egg Crate Grille is available in any RAL finish. The standard FSL colour being RAL9010, pure white.

| Part Number | Description |
|-------------|-----------------|
| NF303077 | 300mm x 300mm |
| NF303212 | 500mm x 500mm |
| NF303416 | 700mm x 700mm |
| NF303850 | 1000mm x 1000mm |