

# Technical Datasheet

DuFlow Over Pressure Vents, Louvres and Grilles  
Multiple Part Numbers



## 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 <sup>2</sup>	0.047m <sup>2</sup>	15	360x380	440	140
NF201212	Chemical Vent 500mm x 500mm	0.212m <sup>2</sup>	0.128m <sup>2</sup>	25	560x580	640	140
NF201308	Chemical Vent 700mm x 700mm	0.416m <sup>2</sup>	0.308m <sup>2</sup>	33.5	760x750	820	120
NF201850	Chemical Vent 1000mm x 1000mm	0.850m <sup>2</sup>	0.556m <sup>2</sup>	54	1060x1050	1120	120

\* FVA – Free Vent Area

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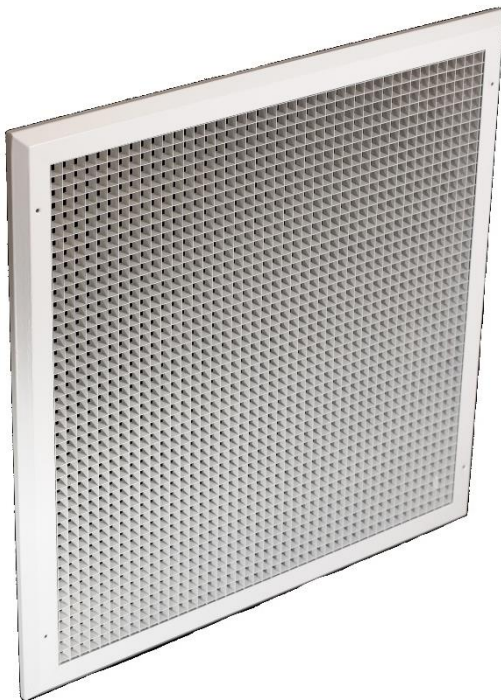
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## DuFlow Weather Louvres

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

Part Number	Description
<b>NF202077</b>	300mm x 300mm
<b>NF202212</b>	500mm x 500mm
<b>NF202416</b>	700mm x 700mm
<b>NF202850</b>	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
<b>NF303077</b>	300mm x 300mm
<b>NF303212</b>	500mm x 500mm
<b>NF303416</b>	700mm x 700mm
<b>NF303850</b>	1000mm x 1000mm