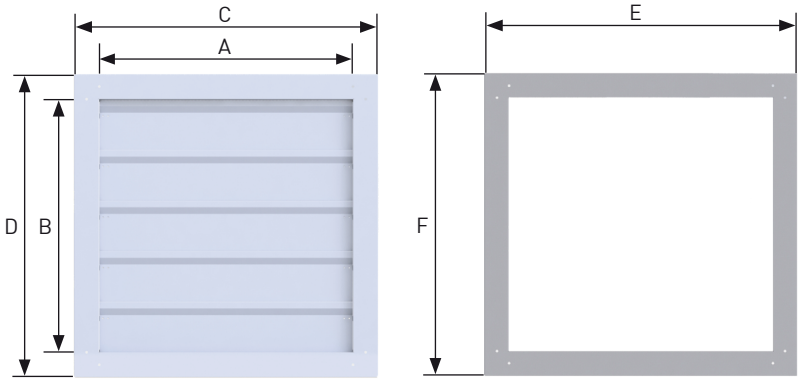
PRESSUREVENT.COM

The all new range of balanced weighted pressure relief vents.



Vent size in mm	PV150	PV300	PV450	PV 600	PV750	PV1050
A	350	350	450	600	750	1050
B	150	300	450	600	750	1050
C	500	500	600	750	900	1200
D	300	450	600	750	900	1200
E	570	570	670	820	970	1270
F	318	468	618	768	918	1218
Regular wall thickness (order sleeve for thicker walls)	110 - 240	110 - 240	110 - 240	110 - 240	110 - 240	110 - 240
Wall opening size	430W x 175H	430W x 325H	530W x 475H	680W x 625H	830W x 775H	1130W x 1075H
FVA @125Pa	0.036	0.073	0.151	0.27	0.42	0.82

Provides a high free flowing vent area, lab verified. The default opening pressure is set to 60-80Pa.



THE PV PRESSURE VENTS

The PV range of dual acting pressure relief vents is a new development in the world of pressure relief vents for gaseous extinguishing system. The vents are gravity balanced for fool proof operation, and apart from that the vents are designed to provide a great validated efficiency factor of free vent area at all pressures. The pressure vent blades start to open at above 60 to 80 Pascal's and is designed to be fully open at 125 Pascal's pressure in both directions. The special design provides more than 75% free vent area at 125 Pascal's room pressure, which is measured at the mentioned reference pressure. This means you need less vents, smaller holes, less builders work, smaller vents, and we now provide a greater size range.

The range comes with a 2 hour fire rating to EN1364-1 including certification (pending), as well as verification of its operation. Detailed measurement reports are available upon request.

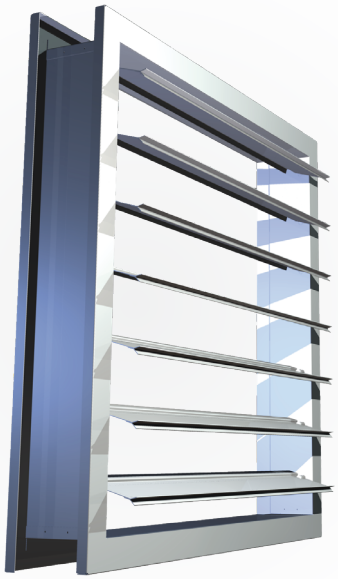
The PV range is supplied in two kits. One for internal use and one for external use. The PV vent only is used for internal and the PV vent with a louvre is used for external venting. As the vent opens in both directions the external louvre can be provided in a fixed blade louvre or dynamic (more weather proof) louvre.

When mounting the PV range in doors or narrow walls the external wall flange is used as a cover trim.

The standard sized models as mentioned above are available from stock and special sized are available on request on a 6 to 10 week lead time.

PRESSUREVENT.COM

10 reasons to choose for PV's from Pressurevent.com



1 2 hour fire rated

One of the very few pressure vents with its full range officially fire rated and certified for 2 hours (pending).

2 High free vent area

A number of fire tests and venting simulations have been carried out, which have been verified independently to verify the free vent areas.

3 75mm flanges on all vents

To improve the installation and stability of the vents, the flange sizes have been designed to 75mm on all vents.

4 Improved construction method

The dual flow vents have a fully improved construction which eliminates flexing and blades sticking if installed incorrectly.

5 Aesthetically pleasing design

The Vents are designed to blend in to the fabric of the enclosure. The unit is powder coated in a white finish, but can be supplied in any colour.

6 3 years guarantee

The pressure vents come with a 3 year guarantee.

7 Custom sized vents

Vents and louvres can be supplied in any specific size, or colour, as well as in different materials such as stainless steel.

8 Balanced weight vent

Optimized weight distribution in the vent ensures a constant large free flowing vent area.

9 High closed seal integrity

The low leakage rates of the vents can be reduced even further by adding the specially designed and well-sealed weather louvres.

10 EU Quality

All products are designed in house in the Netherlands, and are manufactured as per our specific specs to control a high level of quality.