

## EVi-60

# Ei60 Rated Pressure Relief Vent



The EVi-60 Fire Insulated Pressure Vent range is another example of AFP's industry-leading design and innovation.

As the only EI60-rated vents in the world, the products have been specifically designed to provide gas suppression system pressure venting while conforming to EI60 insulation requirements.

This European standard specifies that the vent can withstand a 1000°C fire on one side for at least an hour without any part of its non-fire side heating to more than 180°C above ambient. Additionally, the EVi-60 vents are certified to this standard for operation in both directions, and are the only products specific to this application to function completely in full fire conditions.

They eliminate the traditional need for an intumescent grille which effectively seals a vent completely above 180°C. Although not required in the UK, this standard is commonplace in the EU. As for all metal vents that conduct heat well, it is very difficult to achieve; however AFP has succeeded through careful design and testing.

The EVi-60 products are suitable for internal use without accessories, and external use with weatherproofing provided by a Dynamic Weather Louvre (L). There are two sizes; EVi-60-300 and EVi-60-500.

The products are to be used with AFP DWL units for external installations, and with our standard Z Frames for thin walls.

<b>Product Specification</b>				
<b>Product Code</b>	EVi-60-300	EVi-60-500	EVi-60-300L	EVi-60-500L
<b>Free Vent Area</b>	0.072m <sup>2</sup>	0.2m <sup>2</sup>	0.072m <sup>2</sup>	0.2m <sup>2</sup>
<b>WxHxD</b>	420x420x120mm	620x620x120mm	420x420x120mm	620x620x120mm
<b>Hole cut out WxH</b>	363x325mm	563x525mm	363x325mm	563x525mm
<b>Weight</b>	9.6kg	17kg	12.8kg	23.5kg

## Product Information

- Starts to operate at 30 pascals and 80% efficient at 150 pascals
- Fire rated for 1 hour fire integrity and 1 hour fire resistance
- Manufactured to ISO9001
- The products carry a 5-year guarantee and are available ex-stock for next-day delivery if ordered before 12 pm
- Fits walls from thin panels to 380 mm thick without any additional parts.
- The EVi-60-300 and EVi-60-500 come with 2 grilles, black foam wall liner extension lining tape, yellow quilt grille insulating strip, wall liner, wall liner extension, fitting kit, intumescent mastic and fitting instructions.
- The EVi-60-300L and EVi-60-500L come with 1 Dynamic Weather Louvre, 1 grille, black foam wall liner extension lining tape, yellow quilt grille insulating strip, wall liner, wall liner extension, fitting kit, intumescent mastic and fitting instructions.

## Fire Rating Certification

### European Approval

Tested by Chiltern International

Standard Type: EN1363-1 1 hour fire integrity & 1 hour fire resistance

Standard Type: EN13501 for EI60 & E60 ratings