



Spaciotempo®

Specification Sheet

Blow-off Valve

The purpose of the blow-off valve is to relieve excess pressure within the roof cells due to thermal expansion of air, or in the event of loss of pressure control within the associated roof pump.

Components

- » Tapered nipple for connection to the roof cell - 1¼" BSP.
- » Ribbed flexible hose from the connection nipple to the top of the valve assembly - 600mm.
- » Assembly length 950mm.
- » The air flow path consists of 40mm pipe and fittings.

Operation

- » The blow-off valve vents when the pressure differential between the roof cell and the atmosphere reaches approximately 150Pa. This is the minimum value.
- » The valve uses a gravity slide to control the pressure and therefore should be kept as vertical as possible, this is aided by the flexible hose.
- » The assembly is arranged to prevent dust and debris falling into the valve by venting horizontally.
- » Pressure is controlled via a gravity slide with adjustable fixed weights (*consult Spaciotempo if relief pressure needs adjusting*).
- » Normal roof cell working pressure is 50Pa set at the roof inflation pump.

Blow-off Valve

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Spaciotempo UK

Dovefields, Dovefields Industrial Estate
Uttoxeter, Staffordshire ST14 8HU

T : 01889 569 569 | www.spaciotempo.co.uk