Lightweight Pressure Relief Unit

Description

For low pressure relief applications, typically 5-75 pa. Used for room to room pressure control or a basic non-return valve. Available with optional blade weights for increased pressure differentials.

Construction

From light gauge aluminium blades pivoted in nylon bearings set in 1.6mm thick aluminium frame either flanged for surface mounting or in channel frame for sleeve or duct mounting. Blades are gasket tipped.

Size and Weight

From 150 x 150 to 700 x 1200 in 50mm increments. Larger sizes are available when vertical front mullions are incorporated. Weight approximately 12.5kg/m².

How to Specify

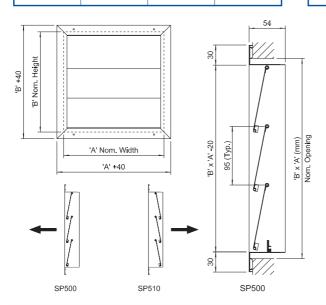
STATE QUANTITY, THE PRODUCT CODING AND THE SIZE WIDTH X HEIGHT

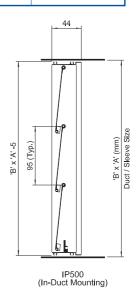
e.g. 10 Qty. SP510+1D 500 x 300.



Frame Style	Product Type	Options	Accessories
S 30mm Flange	P5 Pressure Relief	Outwards Airflow	O None
		1 Inwards Airflow	5 Blade Weights

Fixings	Finish	
1 Flange Holes	Mill Finish	
2 Neck Fixings	C PPC BS / RAL Colour	





Lightweight Pressure Relief Unit

Description

Designed for use as a room to room pressure control or a basic non-return valve. Can be wall or duct mounted. The lightweight aluminium blades pivot and open automatically under negative pressure. A flangeless version is also available for use between air transfer grilles or for 'In-Duct' installation. Not suitable for high pressure applications.

Example:

Size a pressure relief damper to relieve 300l/s against 20 Pascals. Follow the example selection line to the pivot line which gives size 600 'A' \times 450 'B'.

The preferred operating pressure range is 10 - 60 Pa. For special requirements the pressure differential and air volume can be increased for any given size with the addition of blade weights.

