

PRESSURE RELIEF DAMPER
TYPE EPRD



ELECTROVENT
CONSIDER IT DONE



APPLICATION

Pressure relief dampers are used for the dynamic control of air pressure within a space or room.

As the room pressure increases the blades automatically open by relieving the excess pressure in the room and when pressure returns to normal the blades close by making use of gravity.



MATERIALS AND STRUCTURE

The EPRD frame is manufactured from galvanized sheet metal with aluminum blades.

The 13mm shafts are hex bar.
The blades are fitted to the casing with nylon bushes.

The linkages are fixed to pins running in the nylon bushes.

Blades increments are 100mm and are not interconnected or linked.



OPTIONS

The EPRD can be supplied with:

- EPRD-A flanged one side opening outward
- EPRD-B flanged one side opening inward
- EPRD-C flanged both sides

Airflow direction to be specified.

Casing depth can vary as required.



STANDARD DIMENSIONS

Minimum size 200mm (w) x 150mm (h).

Maximum size in one section
900mm (w) x 1200mm (h).

Sizes exceeding maximum will be supplied in sections.

Flange size 30mm.

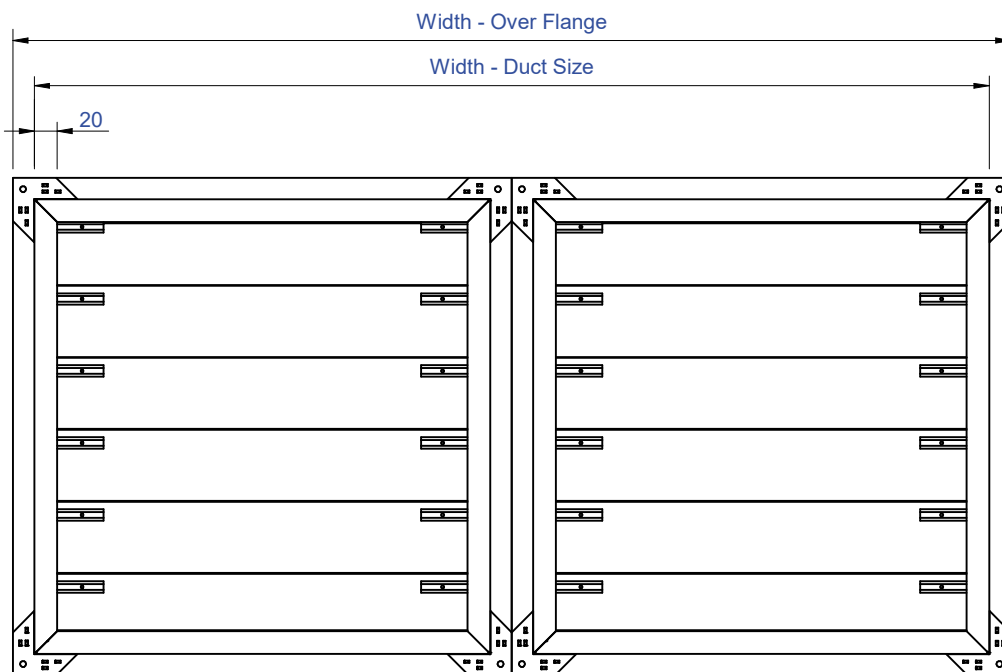
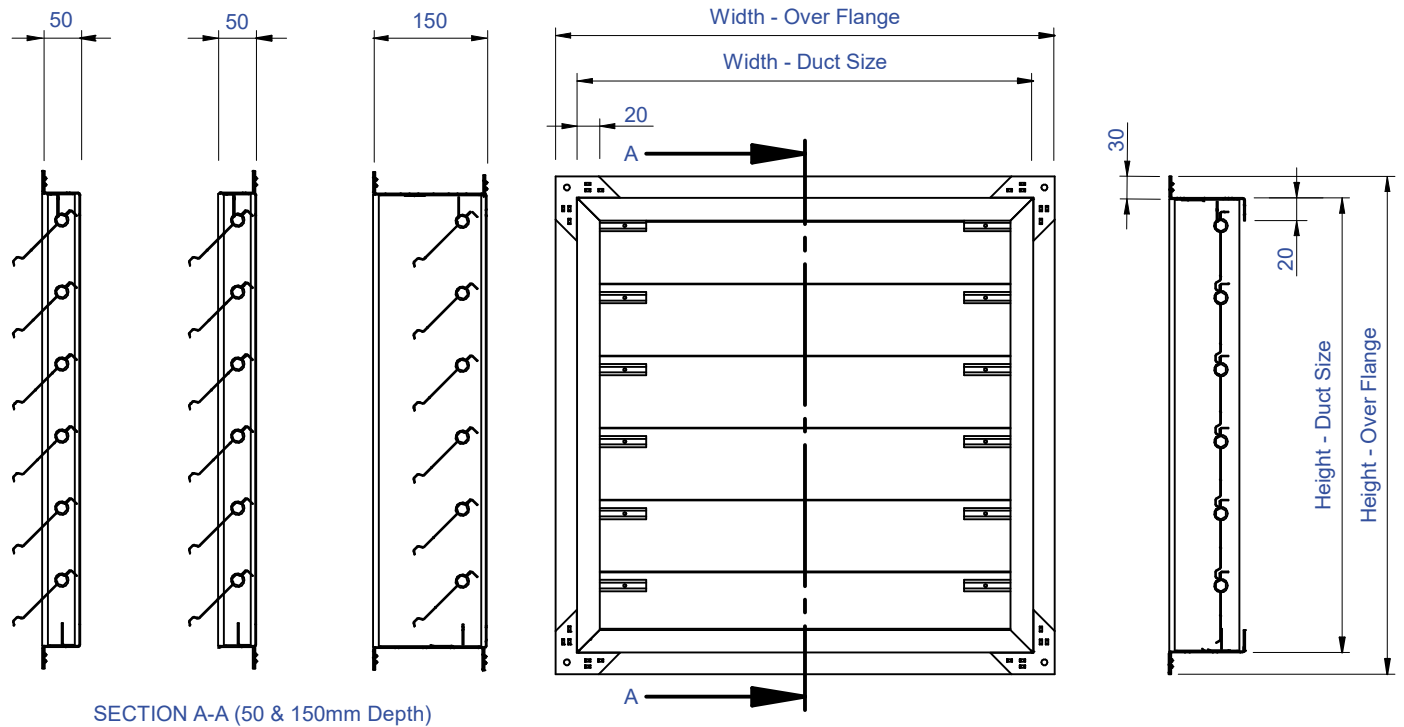
Casing depths vary from
50mm to 150mm.

EPRD DIAGRAM IN ONE OR TWO SECTIONS

EPRD50-A

EPRD50-B

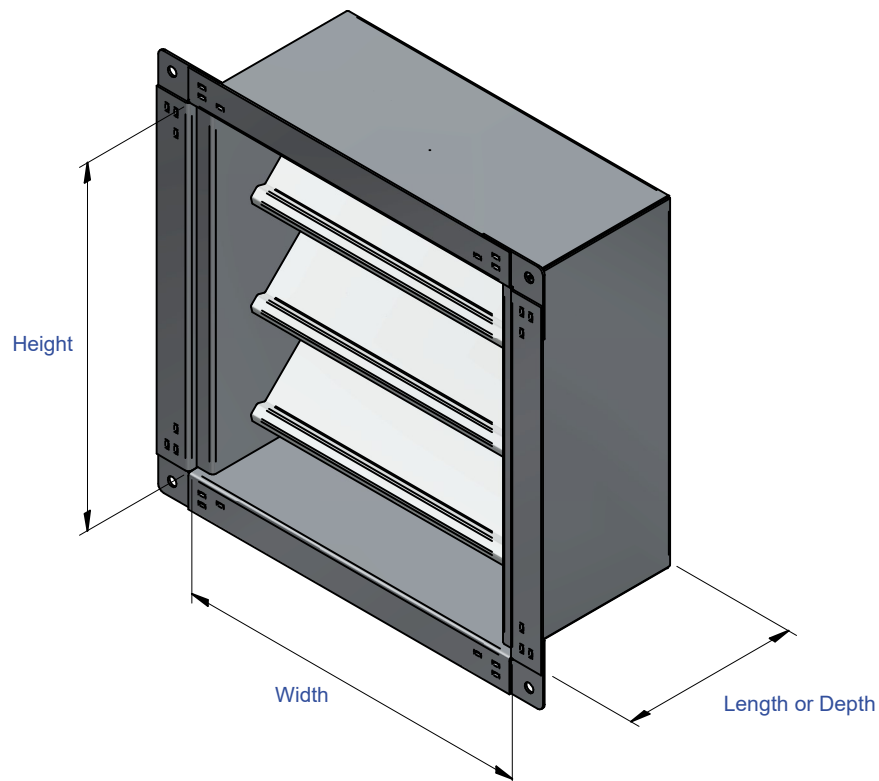
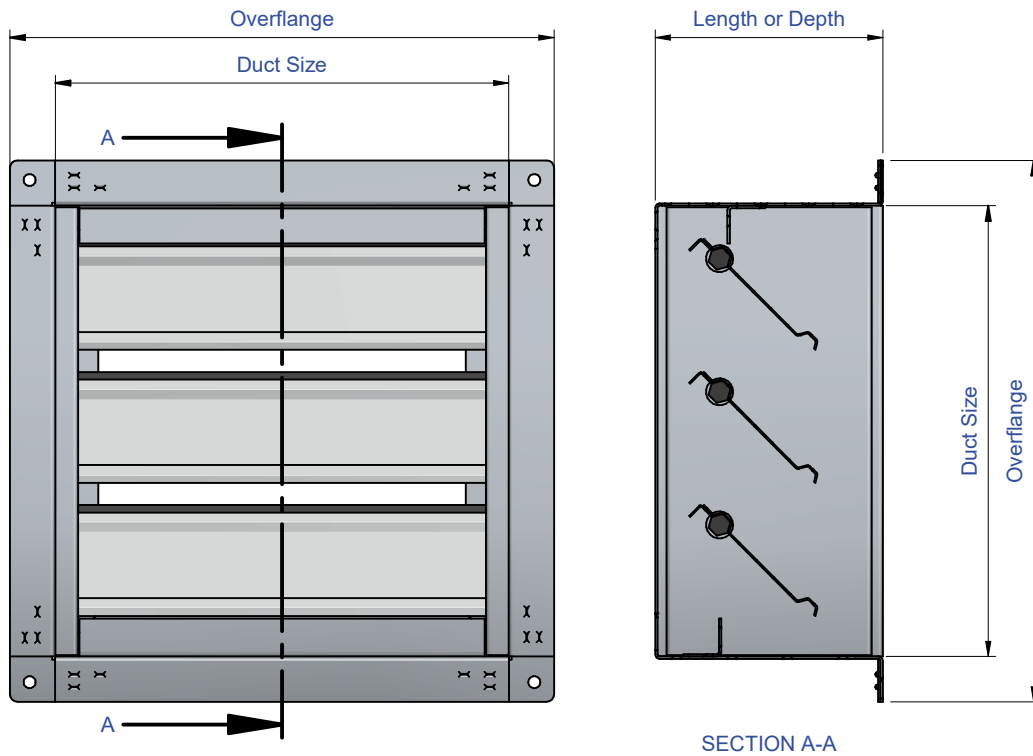
EPRD150-C



PRESSURE RELIEF DAMPERS

Pressure Relief Damper
Type EPRD

EPRD SIZE SPECIFICATION - W x H x L (ALWAYS SPECIFIED WIDTH x HEIGHT x LENGTH or DEPTH)

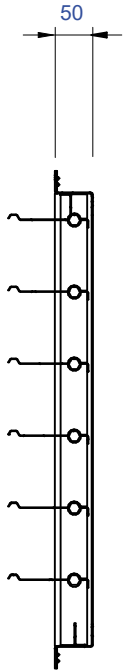


PRESSURE RELIEF DAMPERS

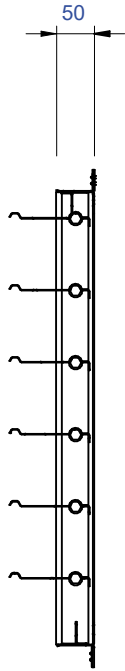
Pressure Relief Damper
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EPRD 150MM DEEP CASING - BLADES DO NOT PROTRUDE & 50MM DEEP CASING - BLADES PROTRUDE

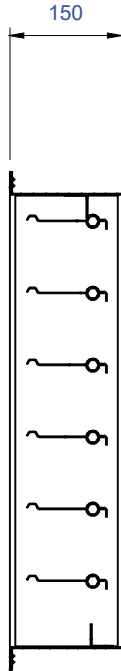
EPRD50-A



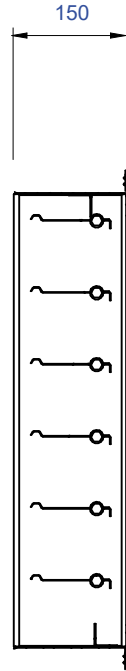
EPRD50-B



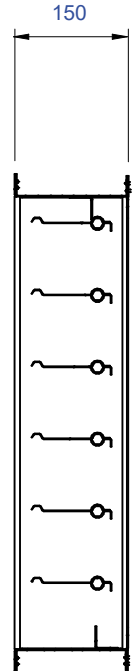
EPRD150-A



EPRD150-B



EPRD150-C



EPRD-A



EPRD-B



EPRD 150-C



EPRD-A REAR VIEW OPEN AND CLOSED POSITION



ORDERING CODE

How to generate an order code: Provide the type, model and item code as well as specific size requirements and quantity as per example: EPRD50A / 900 x 600 x 50mm

Type		Item Code	Width	x	Height	x	Depth
EPRD	- 50	Blades protrude	Max 900mm		Max 1200mm		Std 50mm
	- 150	Blades do not protrude					or 150mm
	- A	Flanged one side Open towards the flange					
	- B	Flanged one side Open away from flange					
	- C	Flanged both sides					