

# Regaduct AL Regaduct SS & Regaduct PAK

- Aluminium or Type 316 Stainless Steel.
- All metal corrugated construction.
- Easily formed by hand to bends and offsets.
- Maintains cross section area after bending to ensure low air flow resistance.
- Stayput characteristics ensure minimal support required.



## Regaduct AL

A multi layer aluminium duct designed to provide the ideal balance of strength and flexibility. The tube has a corrugation depth of 3mm to give an external dimension 6mm larger than the internal size.

### Size Range.

40mm to 500mm.

Any non standard size can be supplied within this range.

### Operating Temperature range.

Up to 300°C

### Lengths.

Standard 3 metre.

Sizes up to 200mm may be supplied as 10 metre coils.

### Fire Resistance

BS476 Part 8 - 15 minutes

### Insulation:

May be supplied factory pre-insulated with 25mm or 50mm of mineral wool completed with an aluminium/polyester vapour barrier.

## Regaduct PAK

A single layer aluminium duct having an extra deep corrugation providing the ability to compress the duct in its length for transport and storage. The tube has a corrugation depth of 4mm to give an external dimension 8mm larger than the internal size.

### Size Range.

63mm to 500mm.

Any non standard size can be supplied within this range.

### Operating Temperature range.

Up to 300°C

### Lengths.

Standard 3 metre. The tube lengths are compressed to 750mm to ease transport and storage. Before installation the duct is easily extended by hand to its full length. Extension of the duct is best handled by two people.

### Fire Resistance

BS476 Part 8 - 15 minutes

### Insulation:

May be supplied factory pre-insulated with 25mm or 50mm of mineral wool completed with an aluminium/polyester outer vapour barrier.

## Engineered for performance



Rega Ventilation Limited

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## Regaduct SS

A single layer stainless steel (Type 316) duct for high temperature or corrosive conditions. The tube has a corrugation depth of 3mm to give an external dimension of 6mm larger than the internal.

### Size Range.

28mm to 500mm.

Non standard size are available within this range.

### Operating Temperature range.

Up to 600°C

Lengths: Standard 3 metre.

### Fire Resistance

BS476 Part 8 - 110 minutes

### Insulation:

May be supplied factory pre-insulated with a thickness of 25mm or 50mm complete with aluminium/polyester vapour barrier.

## Installation

Regaducts require no special tools for cutting or fixing. A sharp knife is recommended for cutting to length. Joints to ductwork spigots can be made with Regafix clips. these worm drive wire clips fit between the corrugations to provide a high strength mechanical joint.



Internal Diameter mm	Regaduct AL		Regaduct PAK		Regaduct SS	
	Centre Line Bend Radius	Weight Kg/Metre	Centre Line Bend Radius	Weight Kg/Metre	Centre Line Bend Radius	Weight Kg/Metre
40	1D	0.11	1D		1.5D	0.26
50	1D	0.14	1D		1.5D	0.32
63	1D	0.18	1D	0.11	1.5D	0.40
80	1D	0.22	1D	0.14	1.5D	0.51
100	1D	0.28	1D	0.18	1.5D	0.64
125	1D	0.35	1D	0.23	1.5D	0.80
160	1D	0.42	1D	0.27	1.5D	0.96
160	1D	0.45	1D	0.29	1.5D	1.02
160	1.5D	0.50	1D	0.32	2D	1.15
200	1.5D	0.56	1D	0.36	2D	1.28
224	1.5D	0.63	1.5D	0.40	2D	1.43
250	2D	0.70	1.5D	0.45	2D	1.60
280	2D	0.78	1.5D	0.50	2D	1.79
300	2D	0.84	1.5D	0.54	3D	1.92
315	2D	0.88	1.5D	0.57	3D	2.02
365	2D	0.99	1.5D	0.64	3D	2.27
400	3D	1.12	2.5D	0.72	4D	2.56
450	3D	1.26	2.5D	0.81	4D	2.88
500	3D	1.40	2.5D	0.90	4D	3.20

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