

## SPRING REPLACEMENT FOR FIRE/SHIELD DAMPERS

To select the parts required to replace springs, you will need to select the appropriate size springs listed and include the locking ramps and both sets of rivets listed at the bottom of each table.

<b>Fire/Shield Series FS101 (Blades in airstream)</b>				
<b>Damper size</b>	<b>Description</b>	<b>Part N°</b>	<b>Qty</b>	<b>Price each</b>
<b>100mm to 499mm Width</b>				
Height Range 100mm to 224mm	Cannot be done			
<b>100mm to 1250mm Width</b>				
Height Range 225mm to 574mm	Spring - Medium	CUNN00136	2	£1.82p
<b>100mm to 350mm Width</b>				
	(Check blades can be removed)			
Height Range 575mm to 1000mm	Spring - Size X	CUNN00517	2	£1.82p
<b>351mm to 1250mm Width</b>				
Height Range 575mm to 1000mm	Spring - Large	CUNN00135	2	£1.82p
All heights - for blade	Rivet - 11/64" N° 9	RTNN00001	2	F.O.C.
All heights	Pair of Locking Ramps	CSGN00813	1	£7.31p
All heights - for locking ramp	Rivet -1624-0621 Avex	RSZN00004	4	F.O.C.

<b>Fire/Shield Series FS201 (blades out of airstream)</b>				
<b>Damper size</b>	<b>Description</b>	<b>Part N°</b>	<b>Qty</b>	<b>Price each</b>
<b>100mm to 1250mm Width</b>				
Height Range 250mm to 574mm	Spring - Medium	CUNN00136	2	£1.82p
<b>100mm to 350mm Width</b>				
	(Check blades can be removed)			
Height Range 575mm to 1000mm	Spring - Size X	CUNN00517	2	£1.82p
<b>351mm to 1250mm Width</b>				
Height Range 575mm to 1000mm	Spring - Large	CUNN00135	2	£1.82p
All heights - for blade	Rivet - 11/64" N° 9	RTNN00001	2	F.O.C.
All heights	Pair of Locking Ramps	CSGN00813	1	£7.31p
All heights - for locking ramp	Rivet -1624-0621 Avex	RSZN00004	4	F.O.C.

FS301 over

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Fire/Shield Series FS301				
Duct Diameter	Description	Part N°	Qty	Price each
100mm to 224mm	Cannot be done			
225mm to 574mm	Cannot be done			
575mm to 1000mm	Spring - Large	CUNN00135	2	£1.82p
All heights - for blade	Rivet - 11/64" N° 9	RTNN00001	2	F.O.C.
All diameters	Pair of Locking Ramps	CSGN00813	1	£7.31p
All diameters - for locking ramp	Rivet -1624-0621 Avex	RSZN00004	4	F.O.C.

Carriage charge must be added to your order at 9% of total order value or £7.00p minimum.

Prices correct as at January 2019 and are subject to VAT at the current rate.

### Fitting Instructions: -

1. Wear thick gloves to protect hands and use suitable eye protection
2. Drill and remove old ramps
3. Pull blades partly down and turn at 45 degrees to allow end of lowest blade to be turned and slid out of rest of blade pack
4. Drill out spring rivets, noting spring and support bracket orientation
5. Rivet on new springs
6. Slide blade back into pack
7. Carefully hook ramp pin through centre of spring and hold and clamp into its final position, before riveting it back into place using 3/16" Ø steel rivets
8. Repeat on other side of damper
9. Reset blade pack with fusible link cassette

