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REMOVABLE CORE LINEAR SLOT DIFFUSER (RCLS)

Airfoil's Removable Core Linear Slot Diffuser is generally ceiling mounted and can be used for both supply and return air functions. The slots can be adjusted to provide a variable air throw pattern from vertical to horizontal. The removable core provides easy installation and cleaning. The product comes complete with safety chain.

Airfoil's superior design delivers greater air volume per slot and less noise for a more effective room air circulation.

Removable Core Linear Slot Diffuser Options

> Slot width; standard 20mm
or custom made 25mm

> Recommended single length
4.5m, maximum 6m

> Up to 4 slots

Product specification codes:

| | | | |
|----------------|--|----------------|--|
| RCLS125 | One slot linear diffuser with 25mm spacing | RCLS120 | One slot linear diffuser with 20mm spacing |
| RCLS225 | Two slot linear diffuser with 25mm spacing | RCLS220 | Two slot linear diffuser with 20mm spacing |
| RCLS325 | Three slot linear diffuser with 25mm spacing | RCLS320 | Three slot linear diffuser with 20mm spacing |
| RCLS425 | Four slot linear diffuser with 25mm spacing | RCLS420 | Four slot linear diffuser with 20mm spacing |

Specification: Product code + size.

Example: **RCLS425** Four slot linear diffuser with 25mm spacing and nominal neck size of 1200mm

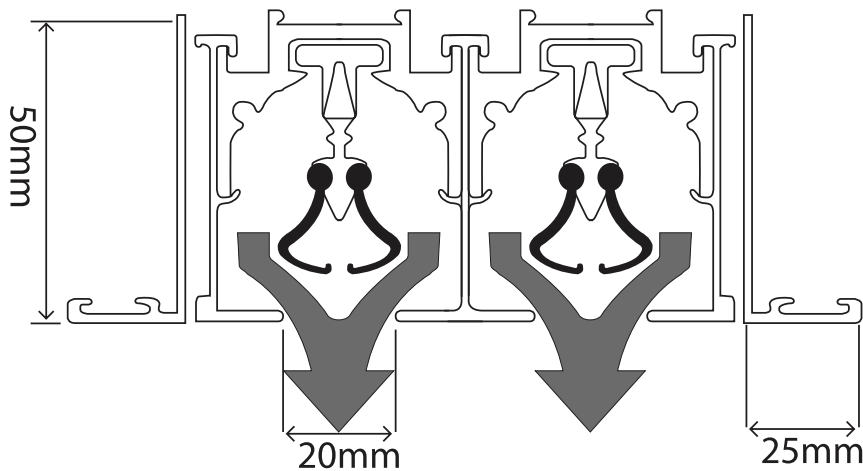
Important Note: Dimensions will be assumed nominal neck size unless otherwise specified.



REMOVABLE CORE LINEAR SLOT DIFFUSER



Cross sectional diagram



| Product Code | | Supply Air Volume m/s | | | | | | | |
|--------------|---------|-----------------------|---------|---------|----------|----------|----------|----------|-----|
| | | 45 | 60 | 75 | 100 | 125 | 150 | 175 | 200 |
| RCLS595F | Throw H | 2.3-6.9 | 2.7-8.2 | 3.7-9.7 | 4.8-10.9 | 5.8-12.4 | | | |
| | Throw V | 3.4 | 4.2 | 5.0 | 6.9 | 8.0 | | | |
| | PA | 15 | 26 | 41 | 72 | 113 | | | |
| | NC | 24 | 27 | 30 | 40 | 48 | | | |
| RCLS600 | Throw H | 2.2-6.7 | 2.5-8.0 | 3.6-9.5 | 4.7-10.6 | 5.6-12.1 | | | |
| | Throw V | 3.3 | 4.1 | 4.9 | 6.7 | 7.8 | | | |
| | PA | 14 | 24 | 38 | 67 | 104 | | | |
| | NC | 23 | 26 | 29 | 38 | 46 | | | |
| RCLS900 | Throw H | 1.8-5.9 | 2.4-7.1 | 2.8-8.4 | 3.8-9.9 | 4.9-11.1 | 5.9-12.6 | | |
| | Throw V | 2.7 | 3.5 | 4.2 | 5.2 | 6.8 | 7.7 | | |
| | PA | 9 | 16 | 25 | 44 | 69 | 100 | | |
| | NC | 20 | 24 | 26 | 32 | 39 | 45 | | |
| RCLS1000 | Throw H | 1.7-5.4 | 2.2-6.5 | 2.5-7.6 | 3.5-9.0 | 4.5-10.1 | 5.4-11.5 | | |
| | Throw V | 2.5 | 3.2 | 3.8 | 4.7 | 6.2 | 7.1 | | |
| | PA | 8 | 14 | 22 | 40 | 62 | 90 | | |
| | NC | 19 | 23 | 25 | 30 | 36 | 42 | | |
| RCLS1195F | Throw H | 1.5-4.9 | 2.0-5.8 | 2.3-6.8 | 3.1-8.1 | 4.1-9.0 | 4.9-10.3 | 5.6-11.4 | |
| | Throw V | 2.3 | 2.9 | 3.4 | 4.2 | 5.6 | 6.4 | 7.3 | |
| | PA | 7 | 12 | 19 | 34 | 54 | 77 | 105 | |
| | NC | 18 | 22 | 24 | 28 | 34 | 40 | 44 | |
| RCLS1200 | Throw H | 1.4-4.8 | 1.9-5.7 | 2.2-6.7 | 3.0-8.0 | 4.1-8.9 | 4.8-10.2 | 5.5-11.3 | |
| | Throw V | 2.2 | 2.8 | 3.3 | 4.1 | 5.5 | 6.3 | 7.2 | |
| | PA | 7 | 12 | 19 | 33 | 52 | 75 | 101 | |
| | NC | 18 | 22 | 24 | 28 | 33 | 39 | 43 | |